Classifying chemical reactions worksheet answers pg 63

I'm not robot!

Balancing Act 2 Name This activity will help you become skilled at balancing chemical agentions. 1. Get get the squares that the bottom of the paper. 2. Decide whether or not each equation is balanced. If it is not, decide how to balance it, paying the antal squares is needed into the spaces. 3. Some spaces will not require a number. 1. ____S₀ + ____ SO₁ → ____ SO₂ 2. ____Na +____H₂O → ____NaOH + ____H₂ 3. ____C1,H, + ____Cl, → ____C+___HCI 4. ____S,H₂ + ___O₇ → ____SO₇ + ____H₂O 5. ____FeS₁ + ____O₂ → _____Fe₂O₂ + _____SO₂ 6. ____Fe,O, + ____H, → ____Fe + ____H,O 7. __H,O, → __H,O + __O, 8. _____SO, + _____HF → _____SF, + ____HO

10. __8, +__ F, → __ SF,

9. __K + __ Br, → __ KBr

4 11 2 2 2 8 2 16 2 6 8 8 4 11 2 2 2 2 8 10 12 2 2 4 2 24 6



Types of Chemical Reactions

Do atoms rearrange in predictable patterns during chemical reactions?

Why?

Recognizing patterns allows us to predict future behavior. Weather experts use patterns to predict dangerous storms so people can get their families to safety. Political analysts use patterns to predict election out-comes. Similarly, chemists classify chemical equations according to their patterns to help predict products of unknown but similar chemical reactions.

Model 1 - Types of Reactions Ser A Synthesis Reaction

 $4Fe(s) + 3O_1(g) \rightarrow 2Fe_1O_1(s)$ $N_j(g) + 3H_j(g) \rightarrow 2NH_j(g)$ $2SO_1(g) + O_2(g) \rightarrow 2SO_2(g)$ $MgO(s) + H_2O(l) \rightarrow Mg(OH)_2(aq)$ $P_1O_1(g) = 3H_1O(l) \rightarrow 2H_1PO_1(aq)$ $SO_{i}(g) + H_{i}O(l) \rightarrow H_{i}SO_{i}(aq)$

serc single replacement reaction

2FeCl₂(aq) + 3Zn(s) → 2Fe(s) + 3ZnCl₂(aq) $2AI(NO_s)_s(aq) + 3Ca(s) \rightarrow 3Ca(NO_s)_s(aq) + 2AI(s)$ Mg(s) + CuSO₄(aq) - MgSO₄(aq) + Cu(s) $2AI(s) + 6HCI(aq) \rightarrow 2AICI_{q}(aq) + 3H_{q}(q)$ Cl₂(g) + 2NaBr(aq) -+ 2NaCl(aq) + Br₂(l) $ZnBr_{i}(aq) + F_{i}(g) \rightarrow ZnF_{i}(aq) + Br_{i}(l)$

Set B Decomposition Reaction

 $M_gCO_1(s) \rightarrow M_gO(s) = CO_1(g)$ $8\text{Li}_{s}S(s) \rightarrow 16\text{Li}(s) + S_{s}(s)$ 2H,O(1) -+ 2H,(g) + O,(g) $2KClO_1(s) \rightarrow 2KCl(s) + 3O_1(g)$ $2Na_iO_j(s) \rightarrow 2Na_iO(s) + O_j(g)$ $(NH_{s})_{s}CO_{s}(s) \rightarrow 2NH_{s}(g) + H_{s}O(0) + CO_{s}(g)$

Son D. Double Replacement Reaction

AgNO₂(aq) + NaCl(aq) - AgCl(s) + NaNO₂(aq) 2HNO,(aq) + Mg(OH),(aq) → Mg(NO,),(aq) + 2H,O(l) $\begin{array}{c} Na_{s}CO_{s}(aq)+CaCL_{s}(aq) \rightarrow \\ CaCO_{s}(s)+2NaCl_{s}(aq) \end{array}$ $FeS(a) * 2HCl(aq) \rightarrow H_sS(g) * FeCl_s(aq)$ HCl(aq) + NaOH(aq) -+ H₂O(l) + NaCl(aq) FeBr,(aq) + K,PO,(aq) -+ FePO,(s) + 3KBr(aq)

1. The chemical equations in Model 1 contain the phase notations (s), (l), (g), and (aq). Match each symbol with its meaning.

(5) (ag) (1)(9) 2. Based on the examples provided, which ser(s) of reactions in Model 1 typically involve ions in solution (A, B, C or D)?

solid

Set D

3. Based on the examples provided, which set(s) of reactions in Model 1 typically involve gases and/or solids?

Set

liquid

Types of Chemical Reactions

dissolved in water

Q

11

\$ 74% 🔳 🔿

Chemistry (3/4) Infinite Campus Update: • Conservation of Mass Lab (12pts.)

- Balancing Chemical Equations (10pts)

Objectives:

- Balancing Chemical Equation Quiz
- Classifying Chemical Reactions
- Discuss Law of Conservation of Mass Lab

Homework: (Due Wed.)

- Balancing Chemical Equations Worksheet
- Classifying Chemical Reactions Worksheets

Balancing Chemical Equations

Balance the equations below:

(2)

(3)

410

5

7

185

N₂ + H₂ → NH₃

KCIO₂ → KCI + O₂ NaCl + F, → NaF + Cl, H₂ + O₂ → H₂O Pb(OH) + HCI → H₂O + PbCl₂ AlBr₃ + K₂SO₄ → KBr + Al₂(SO₄)₃ CH₄ + O₂ → CO₂ + H₂O $C_2H_0 + O_2 \rightarrow CO_2 + H_2O$ 9) C₀H₁₀ + O₂ → CO₂ + H₂O 10) FeCl₀ + NaOH → Fe(OH)₀ + NaCI 11) P+ O₂ → P₂O₅ 12) Na + H₂O → NaOH + H₂ 13) Aq₂O → Ag + O₂ 14) S₈ + O₂ → SO₃ $(15) \qquad CO_2 + H_2O \rightarrow C_0H_2O_0 + O_2$ 16) K + MgBr→ KBr + Mg 17) HCI+ CaCO₃→ CaCl₂+ H₂O+ CO₂ HNO₂ + NaHCO₂ → NaNO₂ + H₂O + CO₂ 19) $H_2O + O_2 \rightarrow H_2O_2$ 20) NaBr + CaF₂ → NaF + CaBr₂ 21) H₂SO₄ + NaNO₂ → HNO₂ + Na₂SO₄

Classzone.com has been retired and is no longer accessible. Because of the age of this application, the programs supported by this platform are not able to benefit from the technological improvements in accessibility, security, and HMTL5 (non-Flash) that we have incorporated into our newer programs and platforms in recent years. Learn more about HMH's newest classroom solutions. If you want to retrieve your user data from the platform that is no longer accessible, please contact techsupport@hmhco.com or 800.323.9239 and let us know that you're contacting us about user data extraction from Classzone.com.Please note, user data extraction does not include program content. Full PDF PackageDownload Full PDF PackageThis Paper37 Full PDFs related to this paper37 Full PDFs related to this paper20wnloadPDF Pack See a bug? Let us know! Here you can also share your thoughts and ideas about updates to LiveJournal Your request has been filed. You can track the progress of your request at: If you have any other questions or comments, you can add them to that request at any time. Send another report Close feedback form topics consider the following federal income tax of a married couple with no children who have combined income of \$225,000. . mail.google.com C + FIT MyFIT - Stud.. FIT... You take out a loan for \$3,000. You pay back the loan with n annual payments of \$900 plus a smaller final payment made one year after the last regular payment. Assume the payments occur at the end of ... Previous Page Next Page Page Question 22 (3 points) Solve the system of equations using a method of your choice. Show checks 4m = 17 - n 3n + 4m - 3 Add the following vectors by components to find the resultant vector (magnitude and angle). G = 1653, 0G = 36.370 H = 9807, $OH = 253.06 \text{ Express as a Fourier series the real function: } f(x) = \{-1 \text{ for } -1 \le x < 0 + 1 \text{ for } 0 \le x \le 1, \}$?... an object moving at 2km/h is brought at a full stop in 2 seconds what is the acceleration , and how far does it travel before stopping It is a nonlinear course problem. For estimation proof, but not sure if that can be used in this problem. I am really lost on where to start, please can you show all the steps?? A club has 8 women. How many ways can a committee of 4 be formed if there must be A. 2 women and 2 men? B. at least 2 women? 2075 (b) Look at the last data value. Does it appear to be an outlier? Could this be the owner's salary? O No, it is not an outlier, but it ... A furniture manufacturing company manufactures dining-room tables and chairs. A table requires 12 labor-hours for assembly and 5 labor-hours for finishing. A chair requires 6 labor-hours for assembly ... Pre-lab questions Please type the answer You are asked to obtain The average mass of one Eminem candy from a bag that contains 250 individual candies. What method below would provide the most accurate... A racket is launched from a platform. Its height in metres, x seconds after the launch? h. Haw ... If Jacob's salary of \$3,850 per month is increased by 33/4% what is his new monthly salary? Hi! I'm working on discrete mathematics and its applications 8th edition, section 2.1 exercise 21 d), which states: what are the cardinality of each of these sets: d) $\{a, \{a\}\}\$ My answer ... Question 1. (2 Marks Find the extremal for the following: 2 2tic + 22 dt with x (1) = 0, x(2) = 16.5 1 t2 help with the problem. Suppose that the selling price p of an item for the quantity a sold is given by the function P = -2 + 44 (a) Express the revenue R as a function of r. (R = x. p) R (b) How man... (a) A Gaussian process regressor has been initialized with the kernel function K(x, y) = xy. and the first two data points {(x(1), t(1)), (x(2), t(2))} = {(1, 1), (2, -1)} have been sampled. ... Ron invests Z at the end of each year for 7 years at an annual effective interest rate of 3%. The interest credited at the end of each year is reinvested at an annual effective rate of 6%. The accumul... hi there, for this question there is instruction below and what i have got so far. i received the feedback from the TA and if you can help me correct this one, then please type the handwritten one int... If the company sells 120 patio sets, use the model created in part e to find how much revenue will be generated? I need helppppp !!!!!. Calculate the volume of this irregular solid to the nearest cubic centimeter. What is the volume of this irregular solid to the nearest cubic centimeter. single transformation that maps (i) triangle A onto triangle C, was ... [2] (ii) triangle A onto triangle C, was ... 1. Define and compare general-purpose, specialized, and mobile applications. [-/4 Points] DETAILS BBUNDERSIA Consider a binomial experiment with n = 6 trials where the probability of success on a single trial is p = 0.35. (Round your answers to three decimal places.) LO USE SA... please help, Geometry assignment !! thank you ?. Use the figure below to answer the following questions. (a) Determine the... Skippy the Kangaroo is playing jump rope, but he tires as the day goes on. The heights hn (inches) of successive jumps are related by the recurrence A point P[?,3,2]T is attached to a frame in, o,a] and is subjected to the transformations described next. Find the coordinates of the point relative to the reference frame at the conclusion of tra... Solve the following problem.. Prove that n k 2n-k = n . 3n-1 k k=1 for all positive integers n. Sample F(t) = sin(at) + sin(bt) at different sampling rate, perform FFT on the sampled data, and determine the frequency of F(t) For each of the following figures, plot the contour lines for f(x, y) = 1 and f(x, y) = 1 on the same graph. 2 = f(x, y) = Vi + y 4 4 4: (a) f(x, y) = 0 (b) f(2, y) = Vx2 + 32 (c) f(x... (20 pts) Construct a Turing machine that recognizes the set of all bit strings that end with the sequence 1011. Write down 5-tuples for the Turing Machine. (You will only earn at most half-credit ... Según la recomendación de una piscina se debe realizar en 2 pasos, primero se aplica una mano de impermeabilization de una piscina se debe realizar en 2 pasos de una tercomendación de una piscina se debe realizar en 2 pasos de una tercomendación de una piscina se debe realizar en 2 pasos de una tercomendación de una tercomendación de una piscina se debe realizar en 2 pasos de una tercomendación de una tercomend después ... can you help me find the length indicated. I POS Find the length indicated. 2 3 U S T thanks. Question 3 (Expected Values): Mr. C has to choose between mutually exclusive options X and Y, and the probable outcomes of each option are as follows: Option X Profit/ (Loss) Probability \$ 0.8... Calls to the Dryden fire department arrive according to a Poisson process with rate 0.5 per hour. Suppose that the time required to respond to a call, return to the station, and get ready to respond t... The height of waste bins manufactured were ... Suppose consumers will demand 65 units of a product when the price is 15.30 per units and 20 units when by the price is 15.30 per units and 20 units when by the price is 15.30 per units and 20 units when by the price is 15.30 per units and 20 units are demande... What is the relative condition number of f(x)=(1-cosx)/sinx and how did you get it? I rationalized it first then threw it interval. the condition number formula but I am not sure if that is correct. please help this dimensional analysis questions in part B, (get the part A is 26.9m, need the part A is 26.9m, need the part b), thanks you. 3E. The energy head loss K in a flow system is to be determined using the Bernoulli'... can you make me reflection on simple and compound interest? [5] 2. Let Pi = Pij E RX" be the permutation matrix which, when pre-multiplied to another matrix, swaps rows i and j of that matrix with i < j. Using the notation for Ck above, prove that Ck = ... The following Table on the right shows the results of a car's motion: (a) Plot a position-time graph of the motion (2K) ... Using Bisection method solve a root of an equation $y = x-\cos(x)$ at an initial interval of a = 0 and b = 4 when the required tolerance is $1 \times 10^{-6?}$. 5. Using Bisection method solve a root of an eq... I have no idea on part (b) and (c). Thx!!. N 2. Let A denote the 2 x 2 matrix We define a function (., .) : R2 x R2 - R by taking N (x, y) = y' Ax, for each pair of vectors x, y E R2. (Technically, t... Investor Matt has \$727,000 to invest in bond B. Yo... (a) Construct a quadrature formula in evaluating the integral / f(x) dx by using the nodes b- a To =a+-h, n=a+-h, 12=b- 191 09 -h h= 3 (5 marks) Please provide Handwritten answer. Consider missing information from your side. 5. (PRACTICE WITH DIFFERENTIAL 1-FORMS) X2 2 0 1 2 3 CALCULATE the value of the 1-forms (=covectors) wl = dal, w2 = x'dx... could u please answer questions 2,3,4. A radioactive isotope has a half-life of 2 days. If the mass of the substance is initially 24 g, how much will remain after 6 days? Show your work. Question 3 (... #1 If x^2 = 5, what are the values of x? On my study guide it say this problem is an example of this s... (2) (a) Show by inspection of Riemann-Stieltjes sums that if in the integral [fdo, the function o(r) is replaced by a(r) + C, the value of the integral does not change. (b) [~Ash 6.1.2] Let for r... QUESTION 4 . 1 POINT James received his 40 hour shift? Interpret your answer. Select the correct answer below: Tickets for a raffle cost \$16. there were 755 tickets sold. one ticket will be randomly selected as the winner, and that person wins \$1700 and also the person is given back the cost for the ticket. fo... Find the points on the given surface at which the tangent plane is parallel to the indicated plane. $X^2+y^2+22=7$; 6x+2y+4z=1 (x, y, z) = (|:|) (smaller x-value) (x, y, z) = (|:|) (largerx-value) lml if un = 3un-1 - 2un-2, u1 = 3, u2 = 5 then prove that un = 1 + 2 n, $\forall n \in n$ Solve for y in terms of x. Need Help? Read It Viewing Saved Work 3. [-/1 Points] DETAILS HARMATHAP12 Solv... Please see attached screenshot everything been provided. (need help on B,C) on writing the sage code provided it under the text. sagemath : . - This ques... how to solve this problem. 1 -C140 067 -12 P = 2 450 [(Bennett Briggs 2015, 4B) Suppose the scores were above 60? b. A... Sir i am stuck for this question . 6.3 Equations of planes in Math Equation 15. Find the distance between the given parallel planes. a. x - y + 2z = -3, 3x - 3y + 6z = 1 b. xty - 2z = -3, 3x - 3y + 6z = 1 b. xty - 2z = -3, 3x - 3y + 6z = 1 b. xty - 2z = -3, 3x - 3y + 6z = 1 b. xty - 2z = -3, 3x - 3y + 6z = 1 b. xty - 2z = -3, 3x - 3y + 6z = 1 b. xty - 2z = -3, 3x - 3y + 6z = 1 b. xty - 2z = -3, 3x - 3y + 6z = 1 b. xty - 2z = -3, 3x - 3y + 6z = 1 b. xty - 2z = -3, 3x - 3y + 6z = 1 b. xty - 2z = -3, 3x - 3y + 6z = 1 b. xty - 2z = -3, 3x - 3y + 6z = 1 b. xty - 2z = -3, 3x - 3y + 6z = 1 b. xty - 2z = -3, 3x - 3y + 6z = 1 b. xty - 2z = -3, 3x - 3y + 6z = 1 b. xty - 2z = -3, 3x pls!. Question 3. (a) Calculate (sin2 x - sin3 x) cos x dx. (b) Calculate dx. x In(2-5) (c) Calculate d COS XX Vt2 + 1 dt. dx J sin x 17-19 tally, frequency, relative frequency, relative frequency, midpoints Sir, i am stuck on this question with explanation Asap Please . 2. A design for a stripy scarf is to consist of horizontal stripes, each of which can be any of the four colours red, green, orange and blue. (i) How many designs are there with n stri... They made a combination of 3-legged and 4-legged stools. Part A: On Monday, they used 21 legs and 6 seats. Using all of the materials, how many 3-legged stools and 4-legged stools did they make? Show ... Consider the path A-C-D-G-H of the project given in the table below & answer questions: (Round all answers to 4 decimal places) Activity Expected time (t) Variance A 6 0.17 B 6 1.19 C 9 1.85 D 7 0... Number of voters 10 7 5 5 4 1 st choice A D B C B 2 nd choice B A A A D 4 th choice D C D B A A group of students were asked to vote on their favorite ho... I need help with Problem 2. Problem 1. (40 points) Let fo, f1, f2, ... be the Fibonacci sequence defined in zyBooks (fo = 0, f1 = 1, and for every k > 1, fk = fk-1 + fk-2). This problem will help... Prove why these graphs have no Hamilton Circuit.. f a C d e h. (j) a C d e h What number should be added to 77 to make the sum 0? (5 points) a. 77 Selected: b. -77 This answer is correct. c. 0 d. -76 I need help. A woman deposits \$10,000 at the end of each year for 5 years in an account paying 8% interest compounded annually. (a) Find the final amount she will have on deposit. (b) Her brother-in-l... Any help would be really appreciated! . Exercise 1) Consider the following IP: min 3×1 - 2×2 + 3×1 + 3×1 + 3×1 + 2×2 + 3×1 + 3× + 10×4 s.t. $1 + 2 + 2 \times 3 2 3 10 \times 1 + 34 2 7 2ac2 + 7203 + 204 2 3 21 + 2 + 3 + 4 > 20$ xi integer Vi E... QUESTION 2 (a) The second-order Runge-Kutta method to solve the equations Un+1 = Un + aki + bkz, ki = hf(In, Un), $ky \dots$ Complete each of the following: Show your work. a. 17 + (-3) + (4) + (-2) = b. 15 - 3 - (-5) + 2 = c. (-27)(54) = d. (113)(-2) = e. (-14)(-100) = f. -34/-2 = g. 322/-11 = 5. Evalua... In your initial post, describe a real life measurement that you have me... A group of scientists studying the population of small marsupials used N to stand for the number of animals in the population and t for the number of months since they began the study, with the entire... Write the equation for the function graphed below. linear program Consider the following linear program: max 2×1 + X2, subject to 12×1 + 3×2 _ 60, 3×1 - 22 2-7, X2 - 10, x1 2 0, 12 free. (a) Draw a graph of the constraints and shade in the f... At a local Walmart store, a Coke dispenser held 22 1/5 gallons of soda. During working hours, 14 2/5 gallons were dispensed. How many gallons of Coke remain? Jhom owns 85 shares of common stock, worth 500 pesos per value. If the corporation declares a 6 1/2% dividend, what is the total dividend that jhom makethe rghit decision to have ... QUESTION 2 23 5 7 Given the matrix: 1 3 4 2 ab c d The transpose is Fill in the blanks for the variables of the transpose. e f gh a= , b= C=, d= e=, f= g= h= write an expression for the distance in terms of velocity and time. Let B be a symmetric positive-definite matrix, and let s be a nonzero n-vector. Prove that the matrix 1 BJ = B - BssTB STBs has one zero eigenvalues. Hint: to prove the sec... Current Assets \$50,000 Total Assets 88,000 Current Liabilities 20,000 Total Liabilities 40,000 Stockholders' Equity 48,000 Net Income 31,000 Given the above values, determine the Current Ratio. Show that the MCLP is a special case of the pMP by showing how to set the parameters of the pMP so that solving it is equivalent to solving it is equivalent to solving it is equivalent to solving the MCLP. Daniel paid PP8,600 on a loan made 2 years before at 6 % compounded semi annually. Find the interest generated. 5. What rate converted quarterly is equivalent to an effective rate of 10%. Consider the following Minitab display of two data sets. Variable N Mean SE Mean StDev Minimum Q1 Median Q3 Maximum C1 20 20.00 1.62 7.26 7.00 15.00 20.00 25.00 31.00 C2 20 20.00 1.30 5.79 7.00 20.00 ... At auction on August 18, 2005, 3-month T-bills were sold at a discount of 3.470% What was the simple annual yield? For a given matrix A, show that the following two statements are equivalent: i) A x >= 0 and x >= 0 ii) There exists some vector p >= 0 ... Need help with step by step solution. 1. (21 pts) LetU = $\{0, \{1, 2\}, \{3\}, 43\}$ (5) }, A = { {1,2},4) and B = { {1,2}, (5) }. Find the following operation (16 points) (a) AnB (b) A\B (c) AUB (d) Ac (e)... A drawbar support assembly is shown in the figure. The force in the lifting-link is 2000 lb. Determine the vertical and horizontal components of the force. Sir i am stuck for this question . 3. For each pair of the following planes, find a parametric equation of the line of intersection of the two planes. a. x - y + z = 2, 2x - 3y + z = -1; b. 3x - y + 3z = -...) (4 points) If you are told the population of a country is 3,500,000 what would you expect are the range of possibilities are for what the exact population is. Explain why your answer is mathematical... I am needing help with all of these questions?. 7) The probability that a house in an urban area will be burglarized is 5%. If 20 houses are randomly selected, what is the mean of the number of houses... A small publishing company is releasing a new book. The production costs will include a one-time fixed cost for editing and an additional cost for each book printed. The total production cost C (in ... can someone help me please ?. MATH IN THE MODERN WORLD Quiz- Data Management Topic 1 Name: Date: 1. Below is a summary of color preference of 400 randomly selected car buyers in Cebu: black red blu... SIMPLEX METHOD

- SAMPLE EXAMPLE BUT WITH SOLUTIO... Translate into a variable expression than simplify A number n decreased by the difference between 6 and the number . 2. Show that in a Hilbert space with induced norm < x, x >= |/x||2, we have ||LII III*1/. Seconds, feet, feet per second, or none of the units. Help wanted. . Here is a data set: 542 578 589 384 496 595 512 128 614 748 628 710 540 663 130 541 503 759 660 501 682 689 709 529 528 615 432 491 Construct a grouped frequency distribution ta... Three coins are tossed at the same time in a game. How many elements are in the sample space for this game? Select one: a.8 b.27 c.3 d.6 Please provide Handwritten answer consider missing information from your side. Problem 6. Let ? denote a disk with radius a = 1. Write the solution to the following problem on in the series form On = ... I'm unsure how to solve this, since it is a sphere should the limits be 0 to 2pi? What would be the best way to integrate using spherical coordinates?. Evaluate volume of a hall using the integral iff... for a continuous random variable denoting lifetime of a unit with hazard rate function h(.): h(t) = c1+c2t, t>0; c1>0: c2>0. Find (i) Reliability function (ii) Failure Density Function... O Question 16 0/1 pt 2 0 Details A tiny cube shaped space inside a computer chip has been measured to be 0.00000293m wide, 0.00000014m long and 0.0000255m high. What is its volume? Write your answer i... Calculate for the price elasticity. Show the solution how did u get it 2. Determine whether sushi is elastic, unitary. Explain why 3. Make a table Problem Sissy loves to eat s... ztransformation. Question 1 [15] Determine z transform of 1.1 & 1.2 11 ((-5)*) 1.2 (sinkn] 1.3 Use the first shift property to calculate the z transform of the sequence (y), with VA = 0 (k < 3... Please show full solutions There are oblique asymptotes or holes in the following. Find any holes, asymptotes, and x-intercepts. Make a sketch of each graph. 1. y = x 2 + 5 x + 4 x 2 ... Derive the characteristic equations for the matrices 611 62 (:3 A: i: g] and B: [[31 b2 b3], C1 C2 C3 where all the matrix elements for both matrices are real numbers. Use these characteristic equatio... please help! (:. You are in charge of purchases at the student-run used-book supply program at your college, and you must decide how many introductory calculus, history, and marketing texts should be ... FULL WORKING OUT PLEASE . Section 4 Part A A deep-submergence vehicle [DEW is to be designed to reach as a depth of 1951 ft below sea level. The vehicle will be subjected to large forces due to the... I need help. A woman deposits \$12,000 at the end of each year for 11 years in an account paying 5% interest compounded annually. (a) Find the final amount she will have on deposit. (b) Her brother-in-... This question needs python code or any code to solve the question.. 4. Implementing Gradient Descent. In this question you will implement gradient descent for an easy problem: convex quadratic functio... Sir i am stuck for this question. I want to calculate how many different combinations to reach 10.000 with "X" set orders. For Instance: Set 1: A,B,C Set 2: D,E, F Result : A-D/A-E/A-F/B-D/B... What nominal rate of interest compounded annually? 11.92% Construct the truth table for the compound statement in no. 18. Identify if the compound statement is a tautology, contradiction, or a contingency. 18. (pvq)/[~(pv~q)]. In Exercises 13 to 28, const... Hi, I am not understanding this question please help. Convert from binary to hexadecimal: 110001010000. 1111111 (= (16) Develop an expression for an electrical field with the presence of space charge distribution in the Green's function method). Note that U is the electrical po... What pattern can you see in our integers and counting numbers? [The pattern is the repeating ten numbers in the ones place value.] Please provide Handwritten answer. 6. Suppose that (an)no is a bounded sequence of real number n, define fn(x) = > Ok k k! k=0 Prove that for each r > 0, the sequence of wood that is 12 feet in length. if he needs only eight and three-fifths feet of wood, how much wood should he cut? Find the difference by using horizontal and vertical lines... Introduction to discrete Math. Math125 Part 2 Review - Fall 2021 1 (7.3) 2 (7.3) 131 10 to Binary = -11 110 to Twos Complement = - 2 3 (7.4) +12.2510 to IEEE = 4 (7.4) 12.2510 to IEEE ... The qualified applicant pool for three management trainee positions consists of eight women and six men. (a) How many different women and six men. (b) How many different women and six men. (c) How many different women and six men groups of applicants can be selected for the positions? 3 X (b) How many... Create a problem using the criteria below: Be able to be modelled using a hypergeometric distribution Deal with a deck of cards Be about the chances of success given specific conditions Uses the ind... 11 and 12 they are relations. 11. Let us consider the fuzzy sets 0 if, I<2 2-2 A(x) = if 2 < < <7 10-I if 7 < x < 10 0 if 10 < I Prove that Frank's t-norm and t-conorm 10. Prove t... For the dinner special at a restaurant, the customer must choose from. ChoicePossible items Appetizer Shr... ng Equations and Inequalities ss with held questions: u are now viewing the questions you held earlier. Please submit an answer or pass. Match each equation on the right.... Luis scored 35/50 in a long quiz. Their class has an average score of 25, and a population variance of 25. What is their class has an average score of 25, and a population variance of 25. What is their class has an average score of 25, and a population variance of 25. What is their class has an average score of 25. What is their class has an average score of 25. What is their class has an average score of 25. What is their class has an average score of 25. What is their class has an average score of 25. What is their class has an average score of 25. What is their class has an average score of 25. What is the score of 25. What is th the following assignment and submit your work to the dropbox Journal entries are designed to help you reflect on the new ideas that have been introduced in the ... Question 2: Consider the following optimization problem: min f(x). (2) where f(x) = E[|x - ZI]. At xk, we see 2"", independent of x1,..., 25". 92a Describe the stochastic subgradient meth. calculated the following using Intermediate algorithm show all steps 457 + 567 Sir i am stuck for this question. Question no 2: When is the vector (X1, X2, X3, x4) in the plane spanned by u = (1,2,2, -1) and v = (-1,0,2,1). State your answer in term of equation involving x1, X2... Please provide Handwritten answer. Let G be a finite group. Let x E G and let a" be the conjugacy class of a. Prove that |x"| < |[G, G]|, where [G, G] is the commutator subgroup of G. "Mags the Meter Maid" Mags has been working for the city streets searching out and ticketing parking offenders. She gets particularly irritated... Muddy CityGraph Theory Practical Fresh out of teaching school, I decided to take a job in western Alaska in the middle of nowhere. New Stuyahok is a village of about 500 people on the Nush... solve by Laplace method. * + x = cos (3+) x/0) = 1, x (0) = 0 How much interest would be paid on a 30-year mortgage for \$276,709 if the loan's annual school in the school interest would be paid on a 30-year mortgage for \$276,709 if the loan's annual school interest would be paid on a 30-year mortgage for \$276,709 if the loan's annual school interest would be paid on a 30-year mortgage for \$276,709 if the loan's annual school interest would be paid on a 30-year mortgage for \$276,709 if the loan's annual school interest would be paid on a 30-year mortgage for \$276,709 if the loan's annual school interest would be paid on a 30-year mortgage for \$276,709 if the loan's annual school interest would be paid on a 30-year mortgage for \$276,709 if the loan's annual school interest would be paid on a 30-year mortgage for \$276,709 if the loan's annual school interest would be paid on a 30-year mortgage for \$276,709 if the loan's annual school interest would be paid on a 30-year mortgage for \$276,709 if the loan's annual school interest would be paid on a 30-year mortgage for \$276,709 if the loan's annual school interest would be paid on a 30-year mortgage for \$276,709 if the loan's annual school interest would be paid on a 30-year mortgage for \$276,709 if the loan's annual school interest would be paid on a 30-year mortgage for \$276,709 if the loan's annual school interest would be paid on a 30-year mortgage for \$276,709 if the loan's annual school interest would be paid on a 30-year mortgage for \$276,709 if the loan's annual school interest would be paid on a 30-year mortgage for \$276,709 if the loan's annual school interest would be paid on a 30-year mortgage for \$276,709 if the loan's annual school interest would be paid on a 30-year mortgage for \$276,709 if the loan's annual school interest would be paid on a 30-year mortgage for \$276,709 if the loan's annual sch rate is 1.9% and payments are made monthly? Round your answer to the nearest dollar. When determining the average WBGT Index the denominator in the equation is always equal to which one of these: a. 480 minutes b. 1/3 of a 24-hour day c. the number of calories produced bas... Directions: Perform the indicated operation, write your final answer: Given. If $f(x) = 2x^2$ and g(x) = 3x + 1, Find: $(f+g)(x) (f \circ g)(x) f(x)/g(x)$ (g o f)(x) Draw the Cayley digraph (carefully indicating the different types of arrows) of the group Z 7 with respect to the generating set {2,5} Topic : real numbers , intuitive idea of set , notation , cardinality of infinite sets , uncountability , cardinality . Please go through the the attached reference to check the answer and question , ... Find the present value annuity factor for a 13-year annuity whose annual rate is 6.5% with monthly compounding. Round your answer to the nearest thousandth place (3 digits after the decimal point). how many ways can a teacher give three different prizes to three of her 24 students. b)ii) the answer is 7.4. (b) Express 125-5x in the form of a $(1 + bx)^{"}$ and hence expand 25-5x as a series of ascending power of x, up to the term in x-. [5 marks] (i) State the range of x for whic... Please provide Handwritten answer. Advanced Math 11. Consider the quadratic function f (x) = -2 x 2 + 3x - 1. (a) Find the zeros of f(x), showing all working (b) Find the turning point of the gra... MODELS FOR STRATEGIC DECISION MAKING. Question 2 Six factors are considered crucial in making a certain decision. The relative importance of these factors can be summarised in the following matrix of ... (8 points) Let A C R be approximately closed. Prove that there exists a sequence (F,), of closed sets such that F, C A for all n, A C A C . . . and that = 0. (44 points) Given the following diagram, answer the following annuity due. Assume that interest is compounded annually, there are n payments of R dollars, and the interest rate is i. R = 15,000; i = 0.03; n = 9... CHAPTER 9 - PAYROLL REGISTER Instructions In this assignment, you will be preparing a time record and payroll register for the employees of Pancakes Unlimited, Inc for the week ending December 12, 202... i need help with this.. (5) marks) Show and explain your work. Draw box(es) around your final answer(s). Use algebraic methods unless otherwise stated. Jasmine is making a kite from a 2:25 scale diagra... Josh has scores of 16, 19, and 23 on three quizzes. What score must he get on next quiz to have an average of at least 20? A is the circle where | z | = 1 and B is the circle where |z - 1| = 1. Now let $C = e \pi i / 3 = 21 + i 3$ be the intersection point in the upper half-plane; their other in... Thank you!. The sum of two numbers? Sir i am stuck for this question last 2 parts. Show that these series are convergent and calculate their sum. M n(n + 1) 1 00 2n + 1 M n2 (n + 1)2 1 2n + 3 M n(n + 1)(n + 2) 1 oo 2 n(n + 3) 1 2n + 1 -... How do I make a transition diagram to show the probabilities of someone who has never bought their vehicle, to purchase one now as well as someone who has never bought their vehicle, to purchase one now as well as someone who currently owns one of their vehicles to purchase one now as well as someone who has never bought their vehicle. with step. Exercise 1. Determine whether the following series converge. Justify your answers (state which test you are using or explain the... Find a function f:[0, 1]) is not If (0), f(1)]. A growing plant has its mass and water uptake measured with the following results: Time f(0), f(1)]. [Days] 1 2 3 4 5 6 Mass(g] 6.3? 10.10 13.54- 1245 20.32 24.90 H20 Utake mL h 0.20 1.21 3.23 4.21 a) Plot the pla... We are currently using R programming. Copy-and-paste the following code directly into R and execute it. set.seed(2) x = rcauchy(1e3,location=1,scale=runif(1)) This will generate a vector X of samples ... Please provide Handwritten answer. Advanced Math Among these statements, which are true and which are false There is a sequence with infinitely many positive terms that converges to a negative numb... If you pay the full asking price for the house you found above and make a 5% down payment: a. How much is the down payment? b. How much will you be financing? show algebraically that the property assigned to your group is true for this square and all squares Asap Please . (ii) Use a combinatorial argument to find the number of ways of sitting & people in a row of n chairs if there must be at least three empty chairs between any two people and one em... IMU Term 2 2021 Question 8 (d) 4 marks Using your knowledge of sequences and series, find the fractional equivalent of 42.36. [17 marks] Find the following integrals, showing all working. (a) Z 3x(x 2 + 2)4/3 dx (b) Z 5x 2 x 3 - 2 dx (c) Z 3 1 (t - 2 + 2e - 3t) dt (d) Z $9 0 e 2 \sqrt{x+1} \sqrt{x} dx 2$. [8 marks] Sketch th... Consider sample data with x - 16 and s = 4. (a) Compute the coefficient of variation. (b) Compute a 75% Chebyshev interval around the sample mean. Lower Limit Upper Lim $f_{a} = 0$ by these two functions to find: 3 a. $f(2) = b \cdot f_{a} + 1 \cdot (2) = 0$ b. $f_{a} + 1$ Solve 3-x x+1. Suppose that a pl... Jarrod's Canada Student Loans totalled \$9400 by the time he graduated from the Oil and Drilling program at the Northern Alberta Institute of Technology College in May. He arranged to capitalize the in... Suppose P>0 and O>0 are (symmetric) positive definite n×n matrices. Prove that OPOare positive definite matrix, mathematics, assignment #2 Draw the graph of the following function 2 ") Find fogcal and gofix, where fix? = (x 2 + 4 and gen) = (x 2 + 1) 9 (in Find the left and Right Limits of the function at *... Choose one topic from the choices shown below. Ask someone how the payment/ investment has been made. Make research on some strategies on how to reduce or gain interest in the chosen topic. a. Insuran... please help. Use cylindrical shells to find the volume of the solid generated when the region enclosed by the given curves is revolved about the yy-axis. y=1x, x=2, x=3, y=0 Volume = E 18... problem is there for you to answer. i Don't know what the problem is ... 5) (15 points) Use a calculator to solve. (see Illustrations, # 5) utv + 2w + 3x + y + z = 2 5u-v- 2w + 6x + y - z = 8 2u + 3v + 2w ... Sir i am stuck for this question . 3. With (an)n21 and (bn)n21 being two strings of number so that a1 = 2, b1 = 1 and an+1 = 2an + 3bn, n 2 1. Find the general terms an and bn. 4... The following data are the Philippine monthly inflation and T-Bill rates (all maturities) for the last six months of year 2019: Find the equation of the best fit line INFLATION RATES (X) 3.9 4.0 3... Please provide Handwritten answer. Problem 3.25 Note that 2 d2/dy2. do/dy = d(do/dy)2/dy, so multiply the equation by do /dy and integrate to find (do /dy). Then, recall that we set o = 0 and do /d... (8 points) Let % be the o-algebra of subsets of R which are either countable. For each E e 6, define if E is countable. For each E e 6, define if E is countable. For each E e 6, define if E is countable. For each E e 6, define if E is countable. differentiability, use Theorem 1 to obtain necessary condi... Q5. Investigating the relationship between earnings and money spent on mobile bill of students by gender in your sample. [2... REAL ANALYSIS. Part 2 of 3 - Question 2 of 3 4 Points For each positive integer k, let ak = (-1) * -1(5+2) Complete the following. Write numbers in decimal form, to two decimal places (e.... Question 1. Linear regression with multivariate responses. Consider training data {(x(i),y(i))}:1mm where x'') 6 Rd and y'') e IRJ'. Consider training data {(x(i),y(i))}:1mm where x'') 6 Rd and y'') e IRJ'. Consider training data {(x(i),y(i))}:1mm where x'') 6 Rd and y'') e IRJ'. Consider training data {(x(i),y(i))}:1mm where x'') 6 Rd and y'') e IRJ'. we've been working on in class, match the following economic concepts (left side) with their graphing counterparts (right side.) y-intercept [Choose] ... SMG 2033 Computational Techniques in Mathematics ASSIGNMENT 1 Due date: Thursday Dec. 9, 2021 before 12:59pm 1. Write a function to calculate the following series s(n) = 1 + 1+2 1+2+3+...+1+2+... Design a PDA to recognize the language L = {w#x | w^R is a substring of x for w, x \in {0, 1} }; L \subseteq {0, 1, #} help me with this question please. The results of a medical test show that of 51 people selected at random who were given the test, 36 tested negative and 15 tested positive. Determine the odds agains... Answer the following question. 1. Use the Gaussian elimination to find the values of C1, C2, C3, 64 in the following matrix equation: 4.2857 x107 -9.2307 x103 0 0 -7.887 x 103 4.2857 x107 -9.2307 x107 -9.2 parts and multiply each part by 6? 12, $6 = 10 \dots 1$) a) The population. P. of a certain country grows at an annual rate of 2%. If the current population is 3 million, what will the population be in 10 years? Show calculations and answer in a ... Please show solutions so I can better understand it Part 1 The function p (t) = 2 t + 5 8 0 t + 6 0 is used to represent the population of a small town, where P(t) is the population in tho... (Dividing Decimals) How many whole 2.25" squares can be cut from a length of sheet metal measuring 36" by 72"? Assume no loss of material due to cutting. A linear, real-valued system dx dt = x has the associated flow $\varphi(y) = e t y$, $y \in R$ in continuous time. Describe the dynamical system associated to the time-one map, i.e., the map connecting each p... Point A has coordinates (9, 7) Find the equation of the line perpendicular to AB that passes through the midpoint of AB 1. What are the distinctions between the three ways to approach problem solving (teaching for problem solving, teaching about problem solving, and teaching through problem solving)? 2. What is meant by ... 1. The payee of a promise to pay is made c) the bank at which payment is made d) the maker of the note 2. If a due d... Your school will be having SSG election. Your adviser announced that google form will be used which requires your Leaming Reference Number (LRN) since each of you has its own unique reference number. ... The following graph shows the height of a child above the ground as they ride a Ferris wheel: Height (m) Time (s) a) Explain why the function is periodic. (1 mark) b) What is the period of this fu. Please could you explain how to start the problem off, like whats the process. Please can you provide detailed notes on approaching this problem that would be great. what is the scale factor. V 5 C 4 1/2 2 C 37 37 3 Show all 3 outside Grade 7 Question a) Answer the "Would you rather" Option A or Option B question below with all steps and b) The other question "What fraction of cupcakes could you share if Option A did not ha... introductory functional analysis with application by kreyszig reference book. Theorem : . n A Xi is a Banach space or not L= 1 That is A Xi is normad space if X1 X, X... business mathematics. Question 32 (2 points) To earn some money, John is thinking of starting up a "Back-Yard BBQ" stand at his university campus this summer. The basic "BBQ" equip... Answers and how. 1. Permintaan dua macam barang: Diketahui: $Qd_r = -5+6Py$ Tentukan keseimbangan harga dan kuantitas masing-masing komoditas tersebu... rewrite the following statements. there is a real number whose product with every numbers leaves the number unchanged? Gajsvwwuwibweukwbwheiwowmenebakwhebdjdiebdydiwnwgeiyebebidskwb vwjwbwiwwmgiwhwbwheiwowmenebakwhebdjdiebdydiwnwgeiyebebidskwb vwjwbwiwwmgiwhwbwheiwowmenebakwhebdjdiebdydiwn # -3, x E R], a range of (y | y # -8, y E R] and an x-intercept at x = 1. (3 marks) b. Design one rational equation that matches ... F2 = 37 1b F1 = 23 1b Y= 35 70 3.9 in A 1.1 in 3.7 in The foot segment shown above is subjected to the pull (F1 and F2) of the two plantarflexor muscles. Part Description What is the moment of F, abo... multivariate calculus. Semoga teman-teman selalu sehat dan senantiasa dimudahkan dalam segala aktivitasnya. Pada pertemuan minggu ini kita akan membahas mengenai Multivariate Calculus. Silahkan meresp... An issue of Taunton's Fine Woodworking included plans for a hall stand. The total height of the stand is 69126912 inches. If the base is 4731647316 inches, how tall is the upper portion of the stan... Prove that each of the following integers is composite (not prime). (a) 3 222 + 1 (b) 2 35 (2 33 - 1) + 1 If a=12, what will the cricket population tend to in the long run? Select all that apply. The diagram is given again here: C 10000 stable 9000 - - - unstable 8000 7000 6000 5000 4000 3000 2000 1000 1 ... area between the X-AXIS and f(x) is = . Use the definite integral to find the area between the x-axis and f(x) over the indicated interval. Check first to see if the graph crosses the x-axis in the g... Page 204, #44 Scott Salman, a travel agent, is paid on variable commission, is married, and claims four withholding allowances. He receives 3% of the first \$20,000 in sales, 4% of the next \$10,000 in ... X Q. Search . . . 0 X CO Mid- term Examination 1st Semester, A.Y. 2021- 20... (1st 21-22 HMDiza_GE7_MMW_I BSCS B_Mon_10-11am) Close g list Activity Compute the correlation coefficient or Pearson r of ... Given a set X with an equivalence relation ~, we denote the ~-equivalence class of x E X by [x]. Recall that (x] 4x'Ex : xux'). (a) For x, x' EX, prove the following are equivalent: (1) [x] = [x']. (... What is the weight of a 1500 ft string of 7 in., 26 lb/ft pipe in 8.5 lb/gal brine? I need help with this problem. Problem 9. Assume that f(2) : D - C is an analytic function in a domain D (caution: do not assume that f is entire). Suppose that the image of f in C is purely imagi... Scroll up to question 22. for context. c) Is the slope coefficient consistent with the hypotheses you ha... Use Polya's four-step method to solve the following problems. a. Which is the better value? 15.3-ounce box of cereal for \$3.59 24-ounce box of cereal for \$3.93 Practice midterm with no solutions, any help/explanation would be really appreciated! . 4. (1 point) Consider the following LP: min 2×1 - 1×2 + 4×3 - C4 s.t. 2ac2 + 2 03 2 4 1 + 2+3+ 4 24 x1 + 4 2 2 ... please help this mathematical analysis with clear explanation and also clear steps, thank you so much. 3. let Wi, W2, W3 be a sequence such that for * = 1, 2, 3,, we have Wirth - Wirk < 2... here's my question, please give an explanation for part a and b part a. to explain if x is element of (a,b). 1. Define x to be an entourage point of the set ... Just tell if it's true or false without explaining. Previous Page Next Page Page 10 of 14 Question 10 (2 points) If 1 < 3 - ax < 9, where a is a negative constant, then x E (2/a, -6/a]. True Fal... In 2017 the state University's men's basketball team finished the season ranked 7 out of 50 men's teams. The women' basketball team finished 3 out of 34 women's teams. a. Which team had a higher perce... Sir i am stuck for this question. 3. For each pair of the following planes, find a parametric equation of the line of intersection of the two planes. a. x - y + z = 2, 2x - 3y + z = -1; b. 3x - y + 3z = ... additional mathematics. 5. Mr. Hakim wants to give presents to his students, Kamal and Kevin due to their great performances in Mathematics. containing stationari... Discuss the following methods in evaluating higher order determinants. . 1Transformation to Diagonal Determinants. . 1Transformation to Diagonal Determinant 2. Provide sample. 3 Please provide the book reference A fair coin is tossed two times in succession. The set of equally likely outcomes is {HH, HT, TH, TT}. Find the probability of getting exactly zero heads. I need to find the values of a, b, and c using L'Hôpital's rule need to simplify the equation using Euler rules. $x(a + b\cos x - c\sin x L = \lim 1 X40$. Find the natural cubic spline sp(x) passing through the 3 points... a. Write and solve a word problem for 27 + 13. b. Write and solve a word problem min f(x) subject to $x 2^{-0}$, (1) where $f: R3 \rightarrow R$ is defined as follows: f(x) = max((x1)2 + (x2 - 1)2 + (... @ Homepage - 2021/2022 Cont X Question <math>27 - Quiz 3 LO 6 - C X LaunchMeeting - Zoom x course hero - Search X *Homework Help - Q&A from x + X G 4 c to e and Q5. nction p(x) = 6/x at x = 1. using calculus b r Library b. Revenue $R(x) = 2 \times 3 + 1$ at x = 0 and x = 1.5. reduction in cost 4. Find the first derivative from the following: ate Playlist a.... Solve the following completely and clearly solution. Enclose the answer in a box.. Manipulate the following matrix product to remove the parentheses ((AB) "(CDE)) T Please provide Handwritten answer. 3. Let x(t) = sin(2nt) DO p(t) = > 8 (t - 7) n=-00 Xp (t) = x(t)p(t) Plot Xp(t) * h(t), where h(t)=1+4t for -1/4 < t < 0, h(t)=1-4t for 0 < t < 1/4 and 0 oth... Please provide Handwritten answer. Problem 6. Let ? denote a disk with radius a = 1. Write the solution to the following problem on in the series form On = Au - e- 'cost u(t, 1, 0) = 0 u (0, r, 0) = c... I need help. Select the statement that correctly compares two numbers. (6.092 > 6.092.001 6, 197.02 > 6.092.000is a test that is commonly done to determine if data in a sample is derived from a normal distribution. In this test, the null hypothesis is that the variable is normally distributed. A t... HI! I hope you understand my photo. Thank you in advance!!. BROADENING OF CONCEPTS LET'S DIG DEEPER! 1. How can we apply the concepts of rational functions, equations and inequalities in our life? 2. ... e 10. I Jenny uses the following method to find 28% of 60,000 is 15,000. One percent is 4, and & of 60 is 15, so 25% of 60,000 is 15,000. One percent is 4, and that times 3... Jane has 30 wind-up toys in her collection, she plans to buy five every month to increase the number in her collection. Write a formula for the number of toys, T, in her collection as a function of ti... QUESTION #6 w = 25 Kme soon mm 200 KM Beam #1 has a "uniformly distributed load" {udl} applied to it. Beam #2 has the "equivalent point load" applied to it. Beam #2 has the "equivalent point load" applied to it. Beam #1 has a "uniformly distributed load" {udl} applied to it. Beam #2 has the "equivalent point load" applied to it. Beam #2 has the "equival research on some strategies used by homeowner to reduce the total payment on loans. 2) Go to an appliance store, and ask how much a certain applian... x sin x 4. Evaluate (a2 + a 2) 2 dx, where a > 0, using the residue theorem. could you solve this for me please?. hansiHis n isHSAUS fac = sin 6x cos 4x Determine the domain and range of the quadratic function. f (2) = -4(2 + 4)2 - 7 Enter your answer in interval notation. To enter oo, type infinity. Domain: Range: Sylvia had planned a shopping trip to the US was cancelled, so she returned to the b... If you were told that the mean weight loss for 10 people was 100 lbs. and that the mean weight loss for the three who were men was 85.50 lbs., what would be the mean weight loss for the women? With the surging popularity of the plant-based diet, Beyond Fresh would like to offer a subscription meal kits service with pre-portioned fresh plant-based ingredients and a step-by-step recipe ca... How much did Stevie contribute to the account over 20 years?. No Due Date Points 100 Submitting an external tool - 3 days QUESTION 3.1 POINT Steve joins a company that matches 50% of his 401(k) cont... x y 1 22 43 44 16 ---- 10 26 a) find r b) find r company that matches 50% of his 401(k) cont... x y 1 22 43 44 16 ---- 10 26 a) find r b) find r b) find r company that matches 50% of his 401(k) cont... x y 1 22 43 44 16 ---- 10 26 a) find r b) find r b) find r b) find r b) find r company that matches 50% of his 401(k) cont... x y 1 22 43 44 16 ---- 10 26 a) find r b) find r b

of 1 D. + 0 1 I need help. Grade 8 Unit 03 PA 02 WHICH SAVINGS ACCOUNT? 1. Arianna opened a savings account that pays 5.325% interest compounded annually. She will deposit \$2,502.13. Lillie opened a savings account that pays 5.325% interest compounded annually. in an account that pays 9% interest compounded monthly. Complete parts (a) throu... the exponential equation P=27,000(1.067)5th power, models the population growth of a town after 5 years, what number represents the base in the exponential factor? Need help finding the following derivatives from: $f(y) = (2 \pi) - 2 d$ (d e t Σ) - 2 1 e x p (-2 1 e x p (-2 \pi) - 2 d) (d e t Σ) - 2 1 e x p (-2 \pi) - 2 d 1 (y - μy) T Σ - 1 (y - μy)) d μy df d... A three-member committee is selected randomly from a group consisting of three men and two women. Create a probability distribution showing the number of men on the committee (x) along with the prob... Say whether or not f (x) is defined for the given values of x. If it is defined, give its value.., with domain [2. +00) a. x = 4 b. x = 1 Factor the polynomial completely. 3) $14 \times 2 - 21x$ 5) $c3 + 9c^2 + 18c$ 7) $3y_5 - 4813$ Multiple Choice - Show work! 9) What is the complete factorization of $2 \times 7 - 3213$? a) 2x (x + 2) (x - 2)(x7 + 4) b) 2x (... 89 = 10 11 12 Translate this phrase into an algebraic expression. 53 decreased by twice Jenny's age Use the variable / to represent Jenny's age. 0+0 0-0 If the radius of a circle is 4 cm. with an angle of 51, therefore the arc length would be a. 20 TT b. 12 17 C. 2 TI d. 6 17 7. What is the period of the sin functiony = 15 sin (of (x -)) + 25? a.... conversation. 215 ft Allen's Wrenches 45 it The diagram shows an aerial view of a store. What is the area of Allen's Wrenches 45 it The diagram shows an aerial view of a store. store to the nearest square meter? Q 2: (4 Points) The tableau below represents a minimum linear programming in a standard form. Find the min value and where it occurs. BVP y1 12 3 51 \$2 \$3 RHS 0 01 0 0 0 1 0 10 0 0 0 1 0 10 0 0 0 1 0 10 0 Review solving conversion word problems. A butcher shop processes two sides of beef into 385 pounds of meat over 3.7 hours. The butcher doing the work is paid \$12.06/hour. At this rate, how much did i... En nuestro pais(Perú), los fabricantes de ropa dividen sus ofertas en campañas durante todo el año: otoño,invierno, etc ! Se podrían representar las mismas con algunas funciones ?... How would I answer these two questions please? .. Question 7 (1 point) Construction and maintenance of internet infrastructure is related to the following human activity: (a) To nourish b) To reside... Find the eigenvalues and ei Moving to the next question prevents changes to this answer. Question 2 Ahmed's mobile shop ordered a shipment of 10 smart watches. The list price of each smart watches. The list price of each smart watches. The list price of each smart watches. The list price of the vector field: $f = (x_2 + y_2 + z_2) 2 3 (x, y, z)$ when (x, y, z) = (0, 0, 0) need help psl. Question 16 67 + 1 Let f be the one-toone function given below. f(z) 4x - 4 (a) Find the inverse function of f (i.e., f (z).) f (x) = 1 + 4x 4x - 6 (b) Compute f (4). f -1(4) = 17 10 ... is 25 and 30, respectively. Assume that the price of both types of fuel is Birr 1.50 per gallon. Required: a) Drive the equation for the cost of driving a gasoline powered car. b) Drive the equation f... Richard has just been given a 8-question multiple-choice quiz in his history class. Each question 8 (5 points) Identify the sample space of the probability experiment: recording a response to the survey question and the gender (F=female and M=male) of the respondent. American... For my combinatorics class, any help is really appreciated! . Exercise 3) Consider the following LP (P) max cc s.t. and its dual (D) min (1, 1, 1)y s.t. CI C2 y 2 0. Note that we haven't given a conc... guess and checks The cost of a basketball was \$15.54, including a 7.25% sales tax. How much of that cost was the price of the basketball, and how much was the tax? A survey asks respondents to select their favourite holiday from a list of seven options. This is an example of which type of survey question? Please help with this advanced math question. Problem 3 In this MATH336 assignment problem, suppose (NLP) min f(x) s.t. gi(x) <0, i =1, ..., m is a convex NLP, and x() are distinct optima... You are now viewing the questions you held earlier. Please submit an answer or pass. Newton's law of gravitation is F = mm, where F is the force between the crude birth and death rate curves are given in the title of the figure below. Crude birth and death rates in Japan, 19... Can you help me to check if my lp solution and constraints are right? # of products 3 is P3 # of products 4 is P4 and radio active decay using the same template as above. this is a sample on what i should do. i need to walk on the same steps so I can later plug my n... Sketch the graph of hot) on the coordinate plane provided below. Identify the coordinate soft the)-intercept, and state the domain of the function. [3 marks] 10 8 6 4 2 -10 -8 -6 -4 -2 2 4 6 8 10 -... The Situation It is time to negotiate a new contract with some of Lightning Wholesale's unionized employees. The company believes in dealing fairly with its employees. Based on the current economic e... Asap Please . (ii) (a) Use this polynomial to find the chromatic number of G, x(G), and give an ... its a question on the chapter discrete function. Determine the sum of (6a - 36) + (30 - b) + ... + (5a + 76) please help me. Rajah 13. Tick () for the correct statement and (X) for the incorrec... INTRODUCTION TO ABSTRACT ALGEBRA . (4) The goal of this exercise is to give a different proof that A5 is simple, using Sylow's theorems. Note that |A5| = 60 = 22-3 - 5.. (a) Show that 713 = 10 an... Just solve it with steps no need for explanation.. 4 (10000 - 12) 4. [5 marks] The cost, in billions of dollars, of cleaning up x% of an oil spill is $C(x) = x^2 - 250x + 15000$ (E.g. C(50) is the cost o... Find the present value of the given investment. An investment earns 2% per year and is worth \$10,000 after 5 years. 2. At auction on August 18, 2005, 3-month T-bills were sold at a di... (b) A diet problem can be formulated mathematically as follows: Min Z = 4X1 + 3X2 Subject to the constraints 200x, + 100×2 2 4000 40x, + 40×2 2 1400 *, + 2×2 250 x1 2 0, x2 20 Solve the above diet pro... What is the maturity value of a five-year term deposit of \$5,000 at 3.5% compounded semi-annually? 3. Jane was due to make loan pay... mathematics economic ands business. Q4. See question 4. The supply function in question 4 is changed to P = 40 + 4Q. (a) Recalculate the equilibrium price and quantity. (b) Plot suitable graphs to com... Exercise. Let M1 = (Q1, E, 1, \$1, F1) be a nondeterministic finite state automaton. Define the nondeterministic finite state automaton M = (Q, E, A, s, F) as follows: Q = 40 + 4Q. Q1 U{s} A = Aj U 2 U {(f,... QUAOOO2 215 C.Murphy Fall 2021 Khalil Elkarib & | 11/12/21 2:35 PM Question 1 of 1 This quiz: 1 point(s) possible Submit quiz A local convenience store sells a l... please help. 5 INSTRUCTIONS: . It must be your own work. Similarities between pupil's work will be penalised. . Strictly keep to the instructions. SECTION B On the given set of axes - design your own ... If 12 books occupy 1 foot of shelf room, about how many shelves 4 feet long will it require to to hold 288 books? X sc l only please!. 5. Use a "standard" window to graph your equation. Press [ZOOM] [6] to create a standard window. What are the specifications of a standard window? Press [WINDOW] to fill... Factor Trinomials (a=1) Dec 01, 8:07:46 AM Watch help video Factor. $x^2 + 7x - 8$ Answer: Submit Answer Please provide Handwritten answer. Exercise 1: Find the steady state temperature u(r, 0) on the annular plate 1 < r < 2 subject to 1(1, 0) = 02(21 - 0)2, 2u(2, 0) = sin(0). 1/ + .T. Hello can you help . 1. Three different coins are flipped. a) Draw a tree diagram to show the possible outcomes. b) How many possible outcomes are... OMGT2287 Supply Chain Modelling and Design Assessment1: Case Study Counting project: Create the fairy tale (cinderella, snow white, alice in wonderland,... or every story u can me with these questions? think) using 5 of the following concepts, principle: o Tree diagram o Fundamental coun... Please find the error(s) in the following "Proof", and, as usual, provide an e... Koordinator ujian nasional mengklaim bahwa siswa-siswa pada 5 tahun yang lalu memiliki standar deviasi 1. Jika di tes sebanya 9 siswa, tentukan peluang bahwa standar deviasi sample kurang dari 0.95? D... The Wood Products. The following technology table gives the hours on each machine required to produce one unit of each product, and the total time a... 2. [/0.68 Points] DETAILS LARMPMT1 8.2.0 Find each difference. (a) 0 - (-2) (b) 0 - (-7) (d) -1 - (-7) - 18 (e) -16 - (-2) - (-11) (f) 6 -13 - (-4) Need Help? Read It. Description 1. [-/0.68 Poi... An investment company sells three types of mutual funds, namely Standard, Deluxe and Gold. Each type of mutual fund consists of A, B and C shares. Standard mutual funds, namely Standard, Deluxe and Gold. Each type of mutual fund consists of A, B and C shares. Standard mutual funds consist of 10 A shares, 15 B sh... need help on both of these questions. Solve the problem. An element decays at the rate of S(t) = s e -0.0451, where t is time in years and S is the initial size in grams. If you have a 82-gram piece o... Solve the initial value problem. 2 x Tye 7xy dx + 7xe 7XY + 2 dy = 0, y(2) = 3 The solution is (Type an equation using x and y as the variables. Type an implicit solution.) A baking shop estimates that the annual profit of the company, in millions of dollars, is given by $p(x) 2\ln(4x+1) + 4x \cdot x^2 \cdot 0.3$ where x is the number of IT consultants (in hundreds) in its employ. Fin... (10
pts) Let f (n) = 13 + 23 + 33 + ... + 3. Use the big-O definition to show that f(n) is O(n*). Be sure to specify the values of the witnesses, C and k. Please explain all the steps I need handwritten.. clear..and scanned images..no cutting in solution please. a) Using composite trapezium rule, determine the number of steps (n) and step size (h) requi... Give correct answer with detailed explanation..... Problem 2. (20 points) Determine if each of the following statements is true or false (assume that R and S have the same set of attributes). If a sta... thank you expert engineers. On Z define the relation? Explain. See attached and provide full explanation. 4. What A Rush! Coffee Shop uses 5 pounds of a specialty tea weekly; each pound costs \$24. Carrying costs are \$2 per pound per week because space is very sca... [-/2 Points] DETAILS BBUNDERSTAT In his book Chances: Risk and Odds in Everyday Life, James Burke states that there is a 72% chance a polygraph test (lie detector test) will catch a person who is, in ... A savings account offers the following tiered interest rate structure: Balance Rate \$0-500 0% \$500 - 3000 1.6% on entire balance \$3000 - 2.1% on this portion only In the month of September, the open... Need help with step by step solution. CCP Math 121 5. (10 pts) Evaluate (write the answer in hexadecimal system) (a) D7AE16 + FCB9 16 (b) FB.AE + C.5D16 6. (7) pts) Decode each numeric, expressed in t... Determine the difference in clock 6 arithmetic, using the figure on the right. (5-4)-6 5 2 (5-4)-6 = (Type a whole number.) Please help with the following. Question 13 6 pts Complete the induction. Edit View Insert Format Tools Table 12pt >... Sir i am stuck for this question with explanation . 7:51 A Name: Pantaleon, Maylene E. Date: October 10, 2021 ogram: BS ES 1EMT1 Score Activity 2.1 Mathematics as a Language I. Consider the following symbols. Choose a symbol and place it on the bla... I don't know where these things would go. Identify the terms, coefficients, and constants in the expression. g + 12 + 9g Term(S): Coefficient(S): Constant(S): : 9g :: 12 #: g,12,9g :: 1,9 :: ... A curve of radius 74 mm is banked for a design speed of 80 km/hkm/h. On Monday an electric bass craftsperson attaches frets to four necks and cuts three frames. Doing all of this takes a total of 7 hours. On Tuesday this same craftsperson spends a total of 8 hours ... Calculate the amount of interest that will be charged on \$7000.00 borrowed for four months at 5.5%. 2. Calculate the amount of interest that will be charged on \$7000.00 borrowed for four months at 5.5%. checking the group axioms whether or not it is a group. (a) ({5, 10, 20, 25, 35, 40}, X45)... RM500 is invested every month for 20 months, no more deposits are made. Find the amount in the account at the end of the four years. (fi... Business Math - Give the Correct Answer and Show Complete Solution. (See Comments also. Thank you) Find the present value and the amount of the annuity due of P4,350 payable at the beginning of each m... Problem 2 (8 Points) Find a general solution of y" - 3y' - 10y = e-t cos 3t. I Describe how to use bundled things to explain regrouping in the addition problem 167 + 59. Make base-ten math drawings to aid your explanation. How many non-zeros should one require on a solution for it to be the unique minimizer of (P,) if the matrix A has columns in units of grams per cubic kilometers. Find the density of the planet (mass/volume) in units of grams per cubic kilometers. centimeter I was having problems solving significant figures in metric system-related questions. Can you please help me with this question, and if you can, please give me a little info on how to solve these ques... FarmProd produces two types of cattle feed, both consisting totally of wheat, and feed 2 must contain at least 80% wheat, and feed 2 must contain at least 80% wheat, and feed 2 must contain at least 80% wheat, and feed 2 must contain at least 80% wheat, and feed 2 must contain at least 80% wheat, and feed 2 must contain at least 80% wheat, and feed 2 must contain at least 80% wheat at least 80\% wheat at least 80\% wheat at least 80\% wheat at least 80\% wheat at must contain at least 60% barley. Feed 1 sells for £1.5 per... Suppose that 11 years ago, you purchased shares in a certain corporation's stock. Between then and now, there was a 3:1 split and a 5:1 split. If shares today are 78% cheaper than they were 11 years a... In this guestion, the universal set, U, is the set of positive integers less than 20, and every set in this question is a subset of U. • Let E be the set of even numbers (in U). • Let F be the s... Tell whether each sum is negative or positive, Explain your reasoning.. Tell whether each (a) -2+10 O The sum is positive because |-2| < |101. O The sum is positive because |-2| > |101. O The sum. Problem 5.6 It is feasible to have different frameworks of straight conditions that all include similar arrangement of factors, which is known as a grid. Coming up next is an illustration of a conversion factor. Write your answer as a whole number or mixed number. 57 in. to yards vd Preview Which term of the arithmetic sequence 5, 9, 13, 17,... is 401? a. 99th term b. 100th term c. 111th term answer sheet. d. 102th term d. 112th term d satisfying y(0) = -3, -0.5, 0.3, 1.8, and 3. The graph of z = y'' - 4y is below... (a). [10pt] Does f(x) = x 1/3 - x defined on [-1, 1] satisfy the hypotheses of the Rolle's Theorem. If not, ... Introduction In this lab activity, we will explore the small angle equation. You will typically see this equation written 3. True or False: The small angle equation only works if you use metric units?... QUESTION 3 . 1 POINT There are 221 Starbucks per 100,000 people in Indiana. Provide your answer below: Content attributi... Need help with step by step solution. Math 121 6. (15 pts) Given A = 110011 B = 111011 C = 101010 Find (a) A+B+C (b) AB +C (c) C(A + B) Sir i am stuck for this question. QUESTION 1 Presently the Smiths invest \$100,000 for A months in a certificate paying interest at the nominal rate of 6% compounded monthly. How much will they have ... The following list contains the number of 6% compounded monthly. with 11.39. 11.39. Show that the differential equations of the geodesics on a Monge patch x = we; + vez + f(u, v)e3 are (1 + p2 + q2) u + pru2 + 2pour + ptil = 0 (1 + p2 + q2) u + ptil = 0 (1 Consider POS tagging of the input sequence "fish can", and the following weights for emission features (table on the left) and the transition features (table on the right): Using the weights in Table... Evaluate each of the following expressions exactly using specialty triangles. (No decimals. 2, 3 marks) 5 tan a) sin COS b) A COS Consider the vector field E defined by E := r |r| p, for r 6= 0 where p is a positive real number. a. Find a formula for $\nabla \cdot E$. b. Is there a value of p for which E is divergence free? If so, find... An investor with \$50,000 is weighing options between a 360-day CD or two back-to-back 180-day CD or two back-to-back 180-day CD is weighing options between a 360-day CD or two back-to-back 180-day CD or two back-to-back 180-day CD or two back-to-back 180-day CD is weighing options between a 360-day CD or two back-to-back 180-day CD is weighing options between a 360-day CD or two back-to-back 180-day CD is weighing options between a 360-day CD or two back-to-back 180-day CD is weighing options between a 360-day CD or two back-to-back 180-day CD is weighing options between a 360-day CD or two back-to-back 180-day CD is weighing options between a 360-day CD is weighing has a posted simple interes... Provide a real life examples and solve one word problem involving each types of variation. 1 Word Problem about combined ps: please provide a REAL LIFE EXAMPLES How many unique arrangements are possible for the words: MATHEMAGIC with the G and the C together Notes for Study. Venn Diagram. Venn Diagram Worksheet Create a Venn Diagram and answer the questions for the following situations. Show all answers as fractions and percentages. Round to one decimal p... 5 An empty
swimming pool can fill up in 6 hours if the faucet is on and the faucet is on a difference is one of the faucet is on a difference is one of the faucet is one. drain is open, how long will it take th... Question 4 The state space of the model X' = X3 + 2X2 - 5X - 6 is the set of all real numbers, R. There will be no interventions. Which one of the following statements is true? O Determinism is not tr... QUESTION 1 [20 marks] A macro market basket price can be indexed by including several food items together. Consider the basic food items in the following table, with their price and per capita annual ... Hello can anyone help me solve the following fouriers series. Find the Fourier Cosine Series of /(x) = 1 + 2x, 0 < x < * Consider the function recursively defined by: Please explain this thoroughly, thanks. f(1) = 1; f(k + 1) = V1 + f(k) when k > 1. Given that f(2) = 1. v2 is irrational, prove, using induction, that f(... Need Help? Read It 6. [-/1 Points] DETAILS HARMATHAP12 1.5.023. Use a graphing calculator or Excel to find the system of equations. (If the system of equations. (If the system of equations. (If the system of equations.) The sample of 36 data pairs, the sample mean of the differences was 0.75. The sample of 36 data pairs, the system of equations. standard deviation of the differences was 2. At the 5% level of sign... Calculate the per capita value for each situation to two decimal places. a)Number of Ontario drivers: 1 200 000. [1 Mark] b) Gross federal gover... A graphic centered on a coordinate (9, -4) is manipulated to move on the x-axis and y-axis. The x-axis is horizontal and represented as the first digit in the ordered pair. The y-axis is vertical and ... Abdullah owns a commercial books. It was found that his sales through points of sale amounted to 450,000 rivals, while the average worker in the project reached 45... I have been stuck on this on for a long time can you help please. Kira Is selling raffle tickets. For every 4 tickets, she charges \$28. Complete the table below showing the number of tickets and the a... Please explain how to solve this problem. ki 1. The reversible reaction A B has the following rate equation: k2 dA dt k2B::kiA (1) where A = A(t) and B = B(t) are, respectively, the molar concentration... Please ASAP . 6. (i) Stillring University is offering a series of eight workshops to ten local schools; each school is invited to take part in at most three workshops. The workshops will take place ... matrices. 14. A study conducted by the Urban Energy Commission in a large metropolitan area indicates the probabilities that homeowners within the area will use certain heating fuels or solar energy d... Question 4 Factor completely: 9 - z 2 = 0. Question 2 Factor completely: 72 - 16 = 0. Question 2 Factor completely: 72 - 16 = 0. Question 2 Factor completely: 72 - 16 = 0. Question 2 Factor completely: 72 - 16 = 0. Question 2 Factor completely: 72 - 16 = 0. Question 2 Factor completely: 72 - 16 = 0. Question 2 Factor completely: 72 - 16 = 0. Question 2 Factor completely: 72 - 16 = 0. Question 2 Factor completely: 72 - 16 = 0. Question 2 Factor completely: 72 - 16 = 0. Question 2 Factor completely: 9 - z = 0. Question 2 BUSINESS Suppose that there are two goods (X and Y). The representative consumer's preferences over these two goods are given by I. a. Let the p... Let X", .93", and $\{9",\}$: be as in the previous problem. Prove the following: (a) If kl e X" with k ¢ 3, then 9%,): 0 gm : 0. (b) 93, = U 9%. 1:20 (C) n lynl Z]; [3ka] - (d) Prove... 1 point) A random sample of 100 observations is selected from a binomial population with unknown probability of success p. The computed value of p is 0.75. 1) Test Ho : p = 0.5 against Ha : p > 0.5... Write the mathematical model and use Solver sensitivity analysis to answer the following question: A farm co-op has 6,001 acres available to plant with corn and soybeans. Each acre of corn requires... W AutoSave (O of) 208MAE - TCA Dec 21 (Black Font Version)) - Protected View - Saved to this PC Search (Alt+Q) Avopeac nouxas X File Home Insert Draw Design Layout References Mailings Review V... If my Leg is .9 m long (i.e., greater trochanter to the ground), how far from the DISTAL end is my COM? The operator 7 : F% is represented by the following matrix: A = a. Determine the eigenvalues and eigenvectors. b. Is A diagonalizable? Cite a theorem to support your assertion. c. Calculate P-AP, w... college mathematics. Convert 610F to degrees Celsius. If necessary, round your answer to the nearest tenth of a degree. Here are the formulas. C = (F - 32) F = C + 32 61 OF - [.C X Continun Question 14 (1 point) The ratio 17 : 3.5 : 25 34: 7:5 O 170 : 3.5 : 25 34: 7:5 O 170 : 3.5 : 25 91 and reactive forces at elbow (RE) in the below image. Assume the muscle forces of biceps (FB), triceps (FT) and reactive forces at elbow (RE) in the below image. weight of the dumb bell (WL) is 40 N, the weight of forearm and hand... Pls help!. +18 Graph the following parabola by first finding the vertex? (Type an ordered pair. Use integers or fractions for any numbers in t... The marginal cost function for a particular item produced by the Acme Roadrunner Roundup Corporation is given as C'(x) = 0.14x -2.6x +120, where x = number of units produced. a. Use a Riemann Sum w... Question 1410 Points A slot machine has 3 dials. Each dial has 40 positions, two of which are "Jackpot." To win the jackpot." To w deposits 15,000 in a bank that pays 3% compound annually. How much money will he have after 11 years without widrawal Slanting Surfaces With Friction: The figure shows a block of mass m resting on a 20° slope. The block has coefficients of friction µ s = 0.64 and µ k = 0.54 with the surface of the slope. It is con... 12 A V Question 1 (20%) Consider two assets with prices, respectively, S1,t and S2,t. A call-on-max option with strike K and maturity T is an option with payoff (max { S1,T, S2,T } - K)+. A call-on-mi... In my experience, many students feel nervous or uncomfortable when working with fractions and do not really think about how frequently they are used in everyday life. For this posting, I am interest... The length of a curve 2 (2x + 2) Find the length of the curve y from a = 0 to x - 2. 3 Length = <Previous Next > Calculator standard function logic vector abc A museum claims that one of its skeletons is 9,000 years old. An analysis reveals that the skeleton contains 40% of the expected amount of carbon-14 found in living organisms. Is the museum's claim ju... determine the locations for which the following differential equations are hyperbolic, ellipt... determine equations for the coordinate surfaces of prolate spherical coordinates and calculate scale factors. 3. Prolate spheroidal coordinates are described by (u, v,), with A 2 0, 0 < v < <... ~ 1 hour 19/25 QUESTION 22 . 1 POINT Benson is deciding between two pools, a rectangular pool that is 20 feet by 10 feet and 50 inches deep or a cylindrical pool that has a 3 meter radius and is 1 met... Let X be a set with an equivalence relation ~. Define F : X -> of(X) via F (x) - [x]. Let Q = F(X) be the image and note that $F: X - Q \subset P(X)$. (a) Prove that F is surjective function. (b) Pro... My mean from 11 numbers is 5.37 and my standard deviation is 1.44. How do I figure out my datum so I can find my Z-score? (2 When factoring a trinomial ax + bx + c, you consider the product ac. How does this relate to the rational zero theorem? Please explain solution. . Test the Hessian matrix th determine the nature [If the critical paint (1, 1] [If flat, 3;] = Era—hy+y2—EI+1: [a] a saddle point (WLS Estimator) Under the assumption that a firm needs to provide its employers with retirement benefits, either in the form of pension and/or 401K plan. We believe that a firm's intention to care for... A box containing a new stereo system has a mass of 38 kg. A student pushes the box. ... Can someone explain this. Calculate the sample standard deviation of the data shown. Round to two decimal places. X 20 11 22 10 15 14 sample standard deviation = Please provide Handwritten answer. Advanced Math Q1: Solve this equations by Bessel function? which of the following inequalities matches the graph because I do not know how to do that. The y axis is labeled 10, 8,... Alden works in the city and lives in the suburbs with Nikka. Every afternoon, Alden gets on a train that arrives at the suburban station at five in the afternoon. Nikka leaves the house before five an... A circle of fourths is generated by starting at any note and stepping upward by intervals of a fourth (five half-steps).
By what factor is the frequency of a tone increased table. A. Principal Rate Time Interest Maturity Value P60,000 4% 3.5 years 2.2% 5 years 2.2% 5 years 2.2% 5 years P345 P125,000 2% P135,000 B. Present Value Nominal rate (i(m)) Interest... clc;clear all;close all; bcdialog = [' Lower x boundary condition:' ' Upper x boundary condition:' ' Upper x boundary condition:' ' Upper y boundary condition:' ' Upper x boundary con condition:']; bc = zeros(4,3); % zer... Use a LINQ query or a Lambda expression to sort your list of strings 2. Once your list is sorted display how long it took to sort the list of words. (You should note that it will be sig... Please refer to the attached image. Solve the rational equation N t (1 2:71 i 3+3 ot ye answere -:r:+2 - -3 4 Marked out of 200 Select one: '7 Flag question 0 a. none of the above 0 b. 1/3 O 0... mathematics economic and business. 3. Given the national income model Y = E; E = C + 1; where C = 280 + 0.6Ya, Io = 80, T = 0.2Y (that is, t = 0.2): (a) Write down the value of the intercept and slope... STATISTICS Answer the given problem. Analyze what tool should be used. 1. Trees that grow in flood plains are susceptible to overturning. This is typically due to floodwaters exposing the thre... RAIN COM PANIC HIGH OLEIC SUNFLOWER OR CANE SUGAR, ORGANIC LONG GRAIN Bil mometrix.com + ons Bu.. to Maintain A Little Obse..dy Coach 411 80 Day Obses..gram Details fitness quote..oogle Search Healthy... can you answer this. The Distributive Property 4(x + 2) -3(w + 5) 4x+8 5 (y - 6) -2(9 - 5) What is the maturity value of a \$14,000 GIC invested at 5.65% compounded quarterly for 7 years? In bicycle races for the Summer Olympics, racers travel around an oval track and complete a total distance of 34.3 km in 24 total laps.(a) The gold medalist completed a lap in 53.23 seconds. What wa... Prove that if P is a polynomial of degree at most n and x0, . . . , xn are distinct nodes Xn j=0 lj (x)P(xj) = P(x), (7) where the lj (x) are the elementary Lagrange polynomials associated with the... which term of the arithmetic sequence 5,9,13,17, ... is 409? can I know this answer. 17. Cik Ammy bought unit trusts worth RM10 000. After two years, Cik Ammy sold all the unit trusts. She received RM10 600. During two years of holding the unit trusts, she rece... given for q4. Product Area Load Rate X 6400 400 Y 8800 400 2400 600 MC 10. 10. Which function can be represented by the following graph? 8 aly=0.1x (x-3) d y=0.1x 2 2 Help needed understanding. Plot Inequality a. yr+2 b. 2y + x < 1 - v d. y + 2x > 1 3 - 2 e. y + 2x < 1 f. czy -2 9.721-2 - v - 2 2 - v 13 - 2 e. y + 2x < 1 f. czy -2 9.721-2 - v - 2 2 - v 13 - 2 e. y + 2x < 1 f. czy -2 9.721-2 - v - 2 2 - v 13 - 2 e. explanation . Consider the vector field f(x, y) = 19e a. Find a direction in which the directional derivative of f (x, y), at the point (x, y) = (0, 8)... please answer this question. 3. Rini memperkirakan 10 tahun lagi tingkat bunga akan sebesar J12 - 6% p.a. Untuk keperluan biaya hidup bulanan keluarganya pada saat itu sekitar Rp. 5.000.000, ia akan m. Please convert the following matlab code to python code. clearvars; close all; clc; load('irf') irf = IRF; % get block Toeplitz matrix h = IRF; N1 = round(size(h,2)/2)-1; M1 = size(h,2); for oo=1:N... show the steps. EVALUATION: Use separate sheet of paper. Show your solution. I. Reduce each of the following equations of hyperbolas in standard form. 1. 4xz - yz + 2y -5=0 2 36×2 - Bly' + 24x + 328 = ... (10 points) A "magician" asks you to choose any four numbers from the following list, without saying what they are: 1, 3, 4, 6, 7,9. The magician" asks you to choose any four numbers from the following list, without saying what they are: 1, 3, 4, 6, 7,9. The magician" asks you to choose any four number... a bicycle that usually sells for 230 is on sale for 25% off. what is the sales price? Initial value problem. 6. Solve the initial value problem y' try = xy3, y(0) = ; please solve. Material balance with and without chemical reactions; Material balance with and without chemi Exercises [due Day 5] @ 8 Number of Certified Organic Farms in the United States, 2061-2068 Year Farms 2... How do we go about this? 10. Explain why or why not Determine whether the following statements are true and give an explanation or counterexample (a) The Fourier series representing any odd periodic ... Please provide Handwritten answer of both parts. Use Green's function method to solve the differential equation: $d' y(x) = f(x) dx^2$ subject to y'(0) = y(too) = 0. Find y(x) if f(x) = x. Write ... min $(x1 - 3)^2 + (22 - 5)^2$ subject to $xit x^3 < 10(1) - 21 + 225$. Q1.a Describe the tangent cones of the feasible set at the point (-2, 2). Q1.b Use the necessary conditio... Please help with A) and D). Diane has taken 9 math quizzes this year. Her quiz scores are shown below. 98, 94, 86, 88, 89, 100, 82, 91, 100 a) Create a stem-and-leaf plot that represents Diane's math ... Problem 1 A kind of British tea is manufactured with an impurity probability density function of x, O Ex-1 f (x) = 1 2 - x, 1 < x52 0, othersise (a) Sketch the PDF. (b) Determine the mean. (c) Det... It is the resulting y- values we get after substituting all the possible x-values MAI-105 fundamentals of Mathematics On 1 Quiz E 3 of 3 Use the shape to answer the questions. Use 3.14 for n M 20 ft 32 ft The number of goals scored in a series of football matches was as follows: No. of Goals : 1 2 3 No. of Matches: 8 8 x a) If the mean number of goals is 2.04, find x? b) If the modal value number of go... the option 3. Shade (fill in) region 4. Shade (fill in) region 3. Shade (fill in) region 4. Shade (fill in) region 5. H 5 6 7 C R N 3 4 U On a piece of scrap paper, constr... I need help. Find the future value of the annuity due. Assume that interest is compounded annually. R = 14,000; i = 0.07; n = 7 Which of the following formulas will calculate the future value o... please include detailed explanation thank you!. 1. Suppose you have a quadrature Qh f] to approximate the definite integral I[f] = / f(x)dac (1) a and you know that for sufficiently small h the error ... Sir, i am stuck on this question My manufacturer needs calculations for D and E. Is this something that Can be possible ? with explanation . B. HD CY. 5 6 7 complete the following (round the "total amount" and "total interest" to the nearest cent." : Principal: \$1,390, Time (years): 1, Rate of compound interest: 10%, Compounded: quarterly and "total interest" to the nearest cent." : Principal: \$1,390, Time (years): 1, Rate of compound interest: 10%, Compounded: quarterly and "total interest" to the nearest cent." : Principal: \$1,390, Time (years): 1, Rate of compound interest: 10%, Compounded: quarterly and "total interest" to the nearest cent." : Principal: \$1,390, Time (years): 1, Rate of compound interest: 10%, Compounded: quarterly and "total interest" to the nearest cent." : Principal: \$1,390, Time (years): 1, Rate of compound interest: 10%, Compounded: quarterly and "total interest" to the nearest cent." : Principal: \$1,390, Time (years): 1, Rate of compound interest: 10%, Compounded: quarterly and "total interest" to the nearest cent." : Principal: \$1,390, Time (years): 1, Rate of compound interest: 10%, Compounded: quarterly and "total interest" to the nearest cent." : Principal: \$1,390, Time (years): 1, Rate of compound interest: 10%, Compounded: quarterly and "total interest" to the nearest cent." : Principal: \$1,390, Time (years): 1, Rate of compound interest: 10%, Compounded: quarterly and "total interest" to the nearest cent." : Principal: \$1,390, Time (years): 1, Rate of compound interest: 10%, Compounded: quarterly and "total interest" to the nearest cent." : Principal: \$1,390, Time (years): 1, Rate of compound interest: 10%, Compounded: quarterly and "total interest" to the nearest cent." : Principal: \$1,390, Time (years): 1, Rate of compound interest: 10%, Compounded: \$1,390, Time (years): 1, Rate of compoun the linear congruence 13 + 17(mod 45) Note: You can state and use, without proof or computation, any result proved in class (such has the solutions of known eigenvalue problems). Problem 1. [25] Use the method of eigenfunctions expansion ... 2 14 Q V # V 1 An extatic problem (45 points) Consider the differential equation at = 2 cos(xt) - 1 (1) a. (15 points) Sketch the slope field for this differential equation. Give some explanation for ... polynomial function. A (5 A 409 DEGREE FUNCTION, P(X) HAS ONLY ONE X-INTERCEPT OF 5) AND A FACTOR OF *+ 2X+ 3. THE GRAPH 6 OF P (X) PASSES THROUGH (-1, 100), FIND THIS FUNCTION From the number theory, it will be really nice to me not use cursive when you answered thank you so much!!. Problem 1. Give an alternative proof for Gauss;s Theorem by using that @ is multiplicative. ... Use a direct proof to show that the product of two rational numbers is rational. 2. Use a direct proof to show that the product of two and numbers is odd. 3. Prove that if n is an integer and 3n + ... Maths 7. Question 7 [8 points] A television stand had a markup on cost percentage of 35%. The cost of the stand was \$130. During a clearance event, the price was reduced to \$146 For full marks your an... Sir i am stuck for this question with neat explanation. You have been asked to the following set of equations that have been obtained from the structural engineering Department and verify your calcula... ou are hired by a Hungarian distributor of consumer goods, Dicge, to improve their forecasts for item LJZ75 that appears to have ... Combine like terms. 27. 5x + 14y - 3z - x + 2y 28. (-7+4)m - (15-2)m + -2m Provide Citation. You have been assigned as a Data Scientist for the XYZ company. Suppose you are using a Logistic Regression model on a huge dataset. One of the problems you are going to face on such... (a) Find P(I(i, j). Geometric pairs. Consider a probability space consisting of the sample space 0 = {1, 2, 3,
...}' = [(i, j) : ije N), i.e., all pairs of positive integers, the set of events 2",... Lagrange's theorem, in group theory, a part of mathematics, states that for any finite group G, the order of F. What are some of the applications of this theor... Given the following demand functions, express TR as a function of Q and hence sketch the graphs of TR against Q. (a) P = 4 (b) P = 7/Q (c) P = 10 - 4Q 2. Given the following total revenue f... From the graph below, write the shaded region in inequality notation: 4 6 -5 -4 -3 -2 -1 4 5 -3 2d please? Thank you!. Graph an Equation on Paper and the Calculator 2. Look at the graph below, a What is the smallest "x" value that you could plot? b) What is the largest "x&q... Question 4: Consider the following optimization problem: min x1 - 2×4 subject to X1 + X3 - X4 = 2 (1) X2 - X3 + 2×4 = 1 x 2 0. Q4.a Identify all feasible basic solutions of optimization problem (1). Q4... find the angle alpha for which the shear strain is Ey'z' = 0. This is the information provided. > Next question Get a similar question You can retry this question below An aunt wants to make a gift of \$90,000.00 to their niece's for her college education on her 21st birthday. How much would h... Quiz Results Question 1: What is a dowry? Your Answer: Money or property that a woman's family sets aside to go to her future husband upon marriage. Watch correct answer Read answer explanation v V co... Cite two more-real life situations when the discriminant of a quadratic equation is being applied or illustrated. need a graph. Sketch the graph using a calculator. y = - 3×2+6x-2 This project will cover and reinforce topics from chapters ten (and all prior chapters). The project will be broken down into directives (which will outline what is required and how you will obtain po... I need help. Find the future value of the following annuity due. Assume that interest is compounded annually, there are n payments of R dollars, and the interest rate is i. R = 600; i = 0.03; n = 9 The ... Zachary added 3.4 + 2.7 and got the answer 5.11. How might Zachary have gotten this incor- rect answer? Explain to Zachary why his answer is not correct and why a correct and wh du = Sir i am stuck for this question Only A and b part but need All explanation . MATRICES Q2 :1] Given the matrices -212 14431;], 3;; g 31, c=[4 17] 0 3 11 Evaluate [i] 52 [ii] (€le [iii] Is ... Use the intercepts to graph the equation. I = 2 I-intercept: Enter as a coordinate: such as (a, b). If there is no I- intercept, enter DNE. y-intercept: Enter as a coordinate: such as (a, b). coordinate: such as (a, b). If there... The quantity of dissolved oxygen is a measure of water pollution in lakes, rivers, and streams. Water ... Quite a lengthy problem yes, but I am so very confused. Part 1 corresponds to part 2 can only be figured out if part 1 is completed since it is hinted that you should use A to solve B. Any ... The spread in the annual prices of stocks selling for under \$10 and the spread in prices of those selling for over \$60 are to be compared. The mean price of the stocks selling for under \$10 is \$7.25 a... thanks for helping! love you!. (a) Two independent lives aged x and y have constant forces of mortality of 0.02 and 0.04 respectively. The probability \$92 can be expressed as [be " (1-ed) dt (i)... Maria takes out a 30-year mortgage at 5.5% to buy a house that costs \$280,000. She must have a down payment? (b) The down p... Let f(2) = 25 for all z E C. Let :11 be the directed line segment from \$14)) to B(0,1). Let {12 be the past of the unit circle centered at the origin starting from A to B. '- (1) Explain why 1; fig... UPS. United Parcel Service uses the same check digit for UPS tracking numbers. What would be the check digit for UPS tracking numb... Use the method of differences to guess a formula for S(n). Prove your guess. (b) 50%): EL 2'0 + 1)2 Please provide Handwritten answer. 2 19x 2 (Jdix sock) (cqrk) = 1 + exp(-Ris 9:9;) Complete this result & ... numeracy questions. LLN Test Number all other industry sectors in order from highest to lowest Projected Highest growth Industry employment growth (number 1 onwards (000) to 2024 where 1 in the highes... ihuhhyjhygjjyyg gcuycyuvyjviyb yuhyjy is yuvyuvyuvyjyy gcuycyuvyjviyb yuhyjy is yuvyuvyuvyy joy iyviygiubjhvhjgiugiug. Iuvuiviuviuviu= khgxtr At Named High School, there are 624 seniors. 67 seniors play in the band, 453 seniors are in clubs and 168 seniors are not involved in either activity What is the probability a randomly selected se... Problem 1. In the first part of this question, suppose that the universal set, i.e., the set of pr... A car comes to rest after a uniform acceleration of -8 m/s^2 for 3 seconds. What distance does it travel? Simple linear program Consider the following linear program: max 2×1 + 12, subject to 12×1 + 312 5 60, 311 - 12 2 -7, 12 - 10, x1 2 0, 12 free. (a) Draw a graph of the constraints and shade in the ... Enable b rstanding applied mathematics ly, in a reflective essay at least one page in length, answer the following questions: Describe how you can best leverage your practice assessment results to obt... Consider the ARMA(1,2) process Xt - axt-1 = Zt - BZt-2, where a, B are real and a, B * 0, a * B. (a) Under which conditions is the process Xt stationary and invertible? (b) Let a = 0.7 and 3 = 0.5. Gi... Find the equation for the circle with a diameter whose endpoints are (-2, -2) and (-3, -4). Write the standard equation for the circle. (Use integers or fractions for any numbers in the equation.... The fact that organisms need time to grow can have important implications for ecosystems. Consider a population of deer (D) that feed on plants (P). The population growth rate of deer is logistic, wit... Activity D of a project has a budgeted cost of \$12,420 and is 20% complete. If \$2,484 is the value of the work completed. Question 1) If the actual cost of the completed work is \$2,643, then what i... (10 pts) Use the bubble sort to sort for the numbers 8,1,7,2,9,3,5 Please show lists obtained at each step. Monte Carlo integration is used to estimate the integral by generating random points from a uniform distribution in the interval [0, 2] * [0, 2] x [0, 4]. Suppose 1000 points are generated and 750 of ... Marco took out an unsubsidized student loan for \$20,000, which he will start paying in 4 years, after he graduates. If the interest rate is 4.2%, what is the amount he will owe once he graduates? Please solve eq((1) by showing step by step solution and then use BC's 1 and 2 and show me how to get eq(2) Please show me step by step . Solve of (1) - Xt = o 89 (1) B. C (1) CA = CAR at... Prove that given any 51 points chosen within a square of side length 1, one can find three points among them that can be covered by a circle of radius 1/7. summarize the video in your own words. reference: If these two trapezoids are Q4 Answer: 90 degree Answer: 90 degree. 3 Which sequence of transformations results in figures that are similar but not congruent? 1 DEFG has been dilated to D' E F'G'. Us... okay I did it . 10 Victor French made deposits of \$4,000 at the end of each quarter to Book Bank, which pays 8% interest compounded quarterly. After 5 years, Victor made no more deposits. What will b... In politics, marketing, etc. we often want to estimate a percentage or proportion p. One calculation in statistical polling is the margin of error - the largest (reasonble) error that the poll could h... Sebuah perusahaan ingin membuat minuman jelly yang segar dengai berbagai varian rasa. Minuman jelly tersebut dibuat dalam bentuk kaleng dengan 3 rasa yang berbeda, yaitu anggur, mangga, dan melon. Per... Please provide Handwritten answer. Question 5 The eigenvalues for y" + dy = 0, D(0) = 0; y'(x) = 0 are 10 10 16 (20 points) Suppose you need to design a subway system. In the graph below, vertices represent subway stations, while edges represent rail lines connecting those stations. Do ALL of the following f... What end of month payments are required over 4 years to pay off a \$27,000 loan borrowed at 9.75% compounded monthly? a bag of marbles are selected randomly find the following find th from the bag. a) determine the probability that all four selected are blue. b)determine the ... Suppose you set up a new IRA (individual retirement account) that pays an APR of 8.5%, compounded monthly. If you contribute \$130 per month for 11 years, how much will the IRA contain at the end of th... a) Determine the equation of the cubic function with zeros -4, 2, 3, and b) Determine an example of an equation for a function with the following characteristics: Degree 3, a double root at 4, a root ... The Federal Reserve is the of the United States O Board of Governors I need help solving these equations . Solve each equation. 21) 1n(3p-10)=1n(p+8) 23) log -2r = log 28 25) $16\ 26 = 111\ (-r-10)\ 2?\ \log 1 = \log[-3n-2)\ 29\ 1n\ (p+9)=4\ 31\ 1n\ -4k=0\ 33\ 10g(...\ We\ consider\ the\ field\ F\ \sim\ (x,\,y,\,z)=-3y\ \sim\ i+x\ \sim\ j+z\ \sim\ k.$ Use Stokes' theorem to calculate the flux Z Z V × ~ F ~ · ~ dS, where S is the part of the sphere x 2 + y 2 + (z-1)\ 2 = 2\ above\ t...\ Can someone\ please\ suggest\ how to\ use\ solver\ for\ this?. Now use Solver and a spreadsheet model to solve the stochastic optimization problem of determining the best policy following the ... Tech Math 4.1 HW Name Blk Complete the following tables. Teeth on Driving Gear ratio Gear A Gear B 35 5 12 7 A 15 WH 18 NL 24 WN Diameter of Pulley A Diameter of Pulley B Pulley Ratio Question 1 V Simplify: 3y - 3p + 1 + 5y - p Submit Question WORTH a) b) d) e) 2. Are the following functions even, odd or neither? a) $f(x) = 4 \times 5 + 3 \times 3$ 3. Sketch a graph that has the following characteristics. i) Th... assignment.itslearning.com/AnnotationApp.aspx? AnnotationAccessArea=1&AnnotationOfUserld=0&IsReadOnly=True&LearningObjectId=277307584&Le Automatic Zoom v + Javier will be a... hey please
help me with these questions asap. you don't have to put the steps on how you get the right answers. Thank you in advance!. 1. What are the first three terms in the expansion of (xty) if ... the picture at the bottom is the question . e unpaid balance Lesson Reflection (Circle Algebra Connection Lesson 7.2 Checkpoint Starting... Getting there... Got Nelson's charge account uses the un... The flight path of a firework is modelled by the relation h = -5(t - 5) + 127, where h is the height, in metres, of the firework above the ground and t is the is a percent value of an amount in a percentage problem and is the quantity found before the percent sign. For the equation, complete the given ordered pairs. y = 4x - 5 (,23), (0,), (-2,) Points possible: 3 This is attempt 1 of 3. Submit Find the Fourier transform of: pa< x = b f(x) = loa time, in seconds, since the firework w... A(n)> x and x > b Using the following trigonometric identity to simply the expression: A+B A - B COS A - cos B = -2 sin sin 2 2 A+B A - B s... I need your help, please. Activity 1: UNGROUPED DATA 1. consider the following measurements 36, 45, 38. 15. 26, 32. 41, 39 a . compute the value of the value of the Variance C. c... help with solving below. 30. It B = (0,3,6,9,.), give a partition of 8 containing (a) two infinite subsets. (b) three infinite subsets. (b) three infinite subsets. (c) three infinite subsets. (b) three infinite subsets. (c) three i I Can Do Directions: Assume the size of the population and identify the sample you will be using for the given title below and explain the sampling technique you will... Review the electronic gate shared by a peer. Add on to their digital gate by making its output an input for a new gate. Describe the possible binary (0, 1) inputs and resulting outputs in a truth tabl... . Question 12 Postmenopausal Hormonal Coronary Heart Disease Person-years Use Ever Use 320 543,08? Past Use 215 243,467 Current Use 150 299,220 Never Use 320 543,08? Past Use 215 243,467 Current Use 150 299,220 Never Use 320 543,08? Past Use 215 243,467 Current Use 150 299,220 Never Use 320 543,08? Past Use 215 243,467 Current Use 150 299,220 Never Use 320 543,08? Past Use 215 243,467 Current Use 150 299,220 Never Use 320 543,08? Past Use 215 243,467 Current Use 320 543,08? Past Use 320 5 and that of Nicholas is P360,000.00 per annum. If the monthly expedint... Consider the nonzero complex numbers 21 = 2122 = 8i and 23 = 7i(21 + 22 + 23)(b) Find the principal value of (212223) TT 11.3 An ostomy clinic uses barrier rings on its patients to help prevent ostomyrelated leaks. Last year, the clinic used 6,200 units of barrier rings. Each unit costs \$50.94... Using the Hill cipher with block size 3 and encryption matrix 5 1 A = (a) encrypt Acadia's motto "In pulvere vinces"; (b) decrypt the message "UWVIKHACQVGI". 3. Eve intercepts t... Please explain. Let 1 1 A = 2 1 and b = -ON 2 1 0 Using both regular and Z; arithmetic, (a) compute det(A) (b) solve the system Ax = b. Give the Correct Answers and Show the Complete Solutions of Exercises 2 and 3:. Let's have PRACTICE EXERCISES 2! Determine the break-even point. 1. A company purchased P 60,000 worth of new engineerin... An oil company distills two types of crude oil, A and B, to produce regular and premium gasoline and jet fuel. There are limits on the daily availability of crude oil and the minimum demand for the fi... can solve this. 4. Persamaan kuadratik x(x +1) = px - 4 mempunyai dua punca yang berbeza. Cari julat untuk nilai p The quadratic equation x(x +1) = px - 4 mempunyai dua punca yang berbeza. Cari julat untuk nilai p The quadratic equation x(x +1) = px - 4 mempunyai dua punca yang berbeza. Cari julat untuk nilai p The quadratic equation x(x +1) = px - 4 mempunyai dua punca yang berbeza. Cari julat untuk nilai p The quadratic equation x(x +1) = px - 4 mempunyai dua punca yang berbeza. Cari julat untuk nilai p The quadratic equation x(x +1) = px - 4 mempunyai dua punca yang berbeza. Cari julat untuk nilai p The quadratic equation x(x +1) = px - 4 mempunyai dua punca yang berbeza. Cari julat untuk nilai p The quadratic equation x(x +1) = px - 4 mempunyai dua punca yang berbeza. Cari julat untuk nilai p The quadratic equation x(x +1) = px - 4 mempunyai dua punca yang berbeza. Cari julat untuk nilai p The quadratic equation x(x +1) = px - 4 mempunyai dua punca yang berbeza. Cari julat untuk nilai p The quadratic equation x(x +1) = px - 4 mempunyai dua punca yang berbeza. Cari julat untuk nilai p The quadratic equation x(x +1) = px - 4 mempunyai dua punca yang berbeza. Cari julat untuk nilai p The quadratic equation x(x +1) = px - 4 mempunyai dua punca yang berbeza. Cari julat untuk nilai p The quadratic equation x(x +1) = px - 4 mempunyai dua punca yang berbeza. Cari julat untuk nilai p The quadratic equation x(x +1) = px - 4 mempunyai dua punca yang berbeza. Cari julat untuk nilai p The quadratic equation x(x +1) = px - 4 mempunyai dua punca yang berbeza. Cari julat untuk nilai p The quadratic equation x(x +1) = px - 4 mempunyai dua punca yang berbeza. Cari julat untuk nilai p The quadratic equation x(x +1) = px - 4 mempunyai dua punca yang berbeza. Cari julat untuk nilai p The quadratic equation x(x +1) = px - 4 mempunyai dua punca yang berbeza. Cari julat untuk nilai p The quadratic equation x(diameter and 60 feet tall is filled by a pump at a rate of 864 gallons per minute. What is the volume of water in the tank at the end of 20 hours? 18. A tank is 40 feet in... need help with 9.49 thank you. find the principal directions on x = we, + veg + (4u = + 7)3 at u = 0, v = 0 using Dupin's indicatrix. 9.49. Prove that the family of curves on a... Prove the proposition that implies C are theorems, then A implies C are theorems, then A implies C are theorem. Only the attached Hilbert, Axioms, and Rules may be... the table shows the average number of students in utilizing different kinds of phones(units), this 1st semester of the school year 2021-2022 at STI, Sta Cruz Are the average number of students using d... Problem 8. (8 points) The matrix N -4 4 5 A = 23 -8 0 -6 -10 42 12 - 7 NO 29 8 has RREF OOHO OOO N OHOO (a) Find a basis for the Row Space of the matrix A. Basis = (b) What is the rank of the matrix? ... If a 16-gram serving of breakfast cereal contains 3.5 grams of fat, then how many grams of fat are in a box containing 304 grams of the same breakfast cereal? grams of fat Translate to a = proportion:... x+3 The function / is defined by f () 2x + 7' Find f (x + 4) = X? numerical integration to divide this path into n equal lengths. Recall that the arc length of a path from to to to is L = VI(12 + y (t) 2dt Only rarely does the integral yield a closed form expression... Hi, I want to ask how to solve this question, thanks a lot!. Problem 10 (10 points). Whenever B can be derived from A by a combination of elementary row and column operations, we write A N B, and we s... Prepare the depreciation schedule, using the declining-balance (twice the straight-line rate). (Input all amounts as positive values leave no cells blank be certain to enter "0" whenever required). Ch... Thank you!. 3. For the following parts, L will be a linear transformation. (a) Given L : IR2 -> RR2 with L(;) = (3) and L(i) = (2), find L (2). IR3 with L (6) = (;) and L(i) = (2), find L (2). IR3 with L (6) = (;) and L(i) = (3), find L (3). Topics: Functions Rational Functions, Equations and Inequalities Please give explanation/solution to every number. i don't know how to solve it. Pada graf di ruang jawapan, lorck rantau yang memuaskan ketiga-tiga ketaksamaan J' 2 -4x + 8, 2y s x + 8 dan x < 2 On the graph in the answer space, shade the region w... is this times or division. ember Solving Problems Activity 1 & 2 E IDA k Hopping page 2 of 2 If the three friends keep jumping: Will DJ land on the 51st rock? How do you know? If a man walks around a circle 3.175 times, how many metres did he walk if the radius of the circle is 3 m? Can you please help me solve this one.. Christa has a box of chocolate candies. The number of chocolates in each row forms an arithmetic sequence, as shown in the table. Row 2 3 4 Number of Chocolates... Ayudeneme con el deber por favor, es para la universidad Ms. Larson gave a mathematics test to nine of the student's score is listed in the box below. 85, 77, 88, 52, 82, 95, 93, 77, 80 a) Make a stem-and-leaf plot for these ... PPC Question You can do this by hand and upload a picture/PDF if you find it easier! 1. Jackie land is known for the production of Cupcakes and Robots. The following is a PPC for Jackie land: ... Which term d. 102th term questionnaire, which is the best number of answer choices? A.3 B.4 C.5 D.7 Previous Next [-/1 Points] DETAILS SCALCET9 6.3.AE.003. MY NOTES Example 3 Video Example 3 Video Example 3 Video Example 4.3 B.4 C.5 D.7 Previous Next [-/1 Points] DETAILS SCALCET9 6.3.AE.003. MY NOTES Example 3 Video Example 4.3 B.4 C.5 D.7 Previous Next [-/1 Points] DETAILS SCALCET9 6.3.AE.003. MY NOTES Example 3 Video Example 3 Video Example 3 Video Example 4.3 B.4 C.5 D.7 Previous Next [-/1 Points] DETAILS SCALCET9 6.3.AE.003. MY NOTES Example 3 Video Example 4.3 B.4 C.5 D.7 Previous Next [-/1 Points] DETAILS SCALCET9 6.3.AE.003. MY NOTES Example 3 Video Example 4.3 B.4 C.5 D.7 Previous Next [-/1 Points] DETAILS SCALCET9 6.3.AE.003. MY NOTES Example 3 Video Example 4.3 B.4 C.5 D.7 Previous Next [-/1 Points] DETAILS SCALCET9 6.3.AE.003. MY NOTES Example 3 Video Example 3 Video Example 4.3 B.4 C.5 D.7 Previous Next [-/1 Points] DETAILS SCALCET9 6.3.AE.003. MY NOTES Example 3 Video Example 4.3 B.4 C.5 D.7 Previous Next [-/1 Points] DETAILS SCALCET9 6.3.AE.003. MY NOTES Example 3 Video Example 4.3 B.4 C.5 D.7 Previous Next [-/1 Points] DETAILS SCALCET9 6.3.AE.003. MY NOTES Example 3 Video Example 4.3 B.4 C.5 D.7 Previous Next [-/1 Points] DETAILS SCALCET9 6.3.AE.003. MY NOTES Example 3 Video Example 4.3 B.4 C.5 D.7 Previous Next [-/1 Points] DETAILS SCALCET9
6.3.AE.003. MY NOTES Example 3 Video Example 4.3 B.4 C.5 D.7 Previous Next [-/1 Points] DETAILS SCALCET9 6.3.AE.003. MY NOTES Example 3 Video Example 4.3 B.4 C.5 D.7 Previous Next [-/1 Points] DETAILS SCALCET9 6.3 AE.003. MY NOTES Example 3 Video Example 4.3 B.4 C.5 D.7 Previous Next [-/1 Points] DETAILS SCALCET9 6.3 AE.003. MY NOTES Example 3 Video Example 4.3 B.4 C.5 D.7 Previous Next [-/1 Points] DETAILS SCALCET9 6.3 AE.003. MY NOTES Example 4.3 B.4 C.5 D.7 rugged, and sometimes dangerous. Thomas Myers is a physician at the park clinic in Grand Canyon Village. Dr. Myers has recorded (for a 5-year per... Mobius module 8 problem set MAT 136. Remaining "How Did I Do?" Uses: 23 Studies are often done by pharmaceutical companies to determine the effectiveness of a treatment program. Suppose th... problem 9.1), the lab supervisor also needs to schedule part-time and full-time phlebotomists for Mondays. Some part-time phlebotomists work 2-hour shifts, whereas others work... Discuss the difference between the commutative property of addition and the associative prop b- erty of addition. For a block of fully life insurances of 1 on independent lives age xx, you are given: (i) i=0.05 (ii) Ax=0.24905 (iii) 2Ax=0.09476 (iv) π=0.025, where π is the gros... Determine the effective annual yield for each investment. Then select the better investment. Then select the better investment. view so... Problem 2: Z2-22+4 Find lim Z-1+V3i Z-1-V3i Z-i) Find lim *-1 Z-i Zti Rewrite the summation by separating off the final term. Σ m = 1 n + 1 m (m + 1) Determine the following orders. a) ord 5 2 b) ord 10 3 c) true or false. If not, indicate N/A. The function F Not Proposition Tru... Modular Artihmetic, groups. How would you solve this, in modulo 8). 6x = 3 5x + 4 = 6 Two years after Sean deposited \$5000 in a savings account that earned interest at 6% compounded monthly, the rate of interest was changed to 6.4% compounded semi-annually. How much was in the account ... Question 2, 8, 10. 2-13 VERIFICATION OF SOLUTIONS Verify (by substitution) that the given function is a solution of the PDE. Sketch or graph the solution of the PDE. Sketch or graph the solution as a surface in space. 2-5 Wave Equation (1) ... Peg Gasperoni bought a \$50,000 life insurance policy for \$220 per year. Ryan Life Insurance Company sent her the following billing instructions along with a premium plan example: "Your insurance Question 4: Transportation, Assignment and Transhipment problems [30] 4.1. The three plants that process and pack potatoes are coordinated from a central office that facilitates delivery of sack o... due before 11:59 tonight can you please help?. Create Thread * Indicates a required field. FORUM DESCRIPTION Explain the differences between serial, unit, and serial-unit numbering systems, and organi... this is the question. Question 10 (1 point) Listen Convert this number into a mixed fraction 25.125 (answer using the lowest denominator) H View hint for Question 10 Previous Page Next Page Page 10 of... Sir i need this blue line explanation step by step. x-+x-6 Let g (x) = |x-21 a. Graph the appropriate function on desmos to compute the following limits: Explain what you are doing below. What do you... By using a Karnaugh Map, find the Optimal Sop Form OF this expression: FIX Y Z + x x Z Thank you. This is a lot of information. So for the purpose of the math project on a cost of solar panels as a 'green'' source of electricity, what would be the two variables that I would be researchin... Use the data in the table draw at least one scatterplot for paper glass metals or plastics then draw a fitted line using your line estimate the amount the United States will recycle 5 years from now i... Sir i am stuck for this question . 1 Use Taylor series to evaluate dax as an infinite series. Leave factorials in your answer. Let X be a set and A, B C X. Prove or disprove that A X B = B X A. Please? :). Timelimit. 2 hours. 1:39:12 remainin One 10-ounce can of soda has 315 calories. If Tom drinks the big 15-ounce size from the local mini- mart, how many calories will be consume? calories P... For my combinatorics class - please include explanation! . 7. (4 points) Consider the following LP max (-1, 0, 0, 5, 3, 0, -7, 0, 2)x s.t. 2 1 0 -1 0 0 3 0 5 -101 3 4 0 1 0 9 10 C = 1 0 0 2 1 4 0 -2... Explain how to construct a graph, for any given In 2 2, which is J's regular but has no perfect matching. Problem 7.15 (Mortgage Calculator). In a mortgage, you borrow a principal P. At the end of every monthly inter... ssment/take/launch.jsp?course as QUESTION 28 Table Suppose that a firm in a competitive market faces the following revenues and costs: Quantity Total Revenue Total Cost (Units) (Dollars) 0 C... Sir i am stuck for this question . Suppose "old soldiers never die" is true, assuming existential import, determine whether the following statements (a) - (d) are true/false/logically undet... Full Answer. A survey of family doctor practices in Mauritius was carried out by a Mauritius Research Institution in 2017. Each practice was given a score from 1 to 6, where 1 represents high cause fo... Notes for Math. What Happened When a Boatload of Lambs Crashed Into a Boatload of Rams? Write the letter of each exercise in the box containing its answer. cream sugar French Spanish 8 16 20 35 11 22 ... I need help showing the work and answering the guestions. 11. Yearly, students are invited to membership in the honor society for your major if their class rank is at least in the 90th percentile for ... Problem solving, students were asked about the search engine they used. Ninety of them said they used internal Explorer, 40 used mozilla Firefox, 30 used Google Chrome and internet E... [-70.5 Points] There are 14 qualified applicants for 7 trainees can be selected? Need Help? Read It Watch It does tangent theater = -1 have a solution?. 16. If 0 < 0 < 360, how many distinct roots does the equation ($v_2 \cos 0 + 1$)(sin $0 + \cos 0$) = 0 have? sIn Explain your answer. T C (4 marks) (5 5 CO s ... Suppose P(C) = 1/7; P(D) = 7/10; and P(C or D) = 3/4. Find [0, 11/4] with the Chehyshev nodes 2(.) 1 E E ""-3+ "'3' s + a 00% 2n + 2 Find the smallest value of n ... For which values of k is the k-cube Qk Hamiltonian? Practice midterm with no solutions, any help/explanation (b) Every feasible LP has... Question 1 A population of bacteria is observed to double in number each minute. If a single bacterium is placed into a test-tube, after how many minutes will the test-tube contain at least 600 such b... 8.3. A joint routing and congestion control problem Consider the network shown in Figure 8.9 and suppose (1,4) and (2,3) are the only two origin— b+c Figure 8.9: Network with joint routing and conge... Draw a system diagram and an FBD for the ball is kicked west. (b) a few seconds after the ball is kicked and is flying through the air Please calculate the ball is kicked west. forecast and the actual value. FORECASTS based on AVERAGE Study Period Forecast Period Tota... 3 Generating Functions 1. Let hn be the number of integer solutions to $x_1 + x_2 + x_3 + x_4 = n$ where x_1 is even 22 is odd, $0 < x_3 2 5$ and $3 < x_4 5 7$. What is the generating function of this sequence? 2... what is the length of segment BC. Chude Lateral ,ABC D is reflected acrou kno m to create guirbatonal A'B'C D'. 32 32 D 51 C your explanation. 4. Use two number lines, one labeled with (proper and) improper fractions, to help you explain why the procedure for turning m... Solve the following proportion for x and y, rounding your final answers to 1 decimal place 3:x:11 = y:8:7 Sir i am stuck for this question 1 Option 2 x+2 Option 3 Option 4 x3+x+x+1 x3 + 5×2+ 15. O... Solve this as soon as possible. QUESTION 3 (30 marks) A manager of theme park needs to check the paths between the park's attractions are clean and tidy before opening for the day. To do this the mana... Note: I need to be typed and word to word your answer, not pasted from anywhere else.. Question 6: You have won a prize package at your favourite store. This store has a products for sale, with unlimi... A pollster noticed that, for every 8 men who were in favor of a ballot measure, there were 5 women who were in favor of the measure.
According to these figures, if 1200 women were in favor of the measure. According to these figures, if 1200 women were in favor of the measure. fourth, and fifth yea... Find the zeroes of $f(x) = 5 \times 3 + 7 \times 2 + 3x + 1$, where x E C. Solve V3x-2-Vx+3 = -1 for x. Using the appropriate theorem studied in class involving the sum and product of roots of a quadratic equation, ... please help me thx so much. 19. Car C and car D are 900 km apart and travel towards each other at the same time. They meet 10 hours later. If car C travels 6 km/h faster than car D, find the speed of 15-20 SEPARATION OF A FOURTH-ORDER PDE. VIBRATING BEAM By the principles used in modeling the string it can be shown that small free vertical vibrations of a uniform elastic beam (Fig. 292) are mo... Consider the simplex tableau, corresponding to a maximization problem, given T1 2 16 17 -3 2 1 0 1 0 0 -10 -3 2 1 1 1 0 2 1 4 2 0 0 1 3 4 Answer the following questions: 1. What is the current solutio... solve this question on PAPER as soon as possible i'll surely give u Thumbs up. Sir i am stuck for this question on PAPER as soon as possible i'll surely give u Thumbs up. Sir i am stuck for this question on PAPER as soon as possible i'll surely give u Thumbs up. Sir i am stuck for this question on PAPER as soon as possible i'll surely give u Thumbs up. Sir i am stuck for this question on PAPER as soon as possible i'll surely give u Thumbs up. Sir i am stuck for this question on PAPER as soon as possible i'll surely give u Thumbs up. Sir i am stuck for this question on PAPER as soon as possible i'll surely give u Thumbs up. Sir i am stuck for this question on PAPER as soon as possible i'll surely give u Thumbs up. Sir i am stuck for this question on PAPER as soon as possible i'll surely give u Thumbs up. Sir i am stuck for this question on PAPER as soon as possible i'll surely give u Thumbs up. Sir i am stuck for this question on PAPER as soon as possible i'll surely give u Thumbs up. Sir i am stuck for this question on PAPER as soon as possible i'll surely give u Thumbs up. Sir i am stuck for this question on PAPER as soon as possible i'll surely give u Thumbs up. Sir i am stuck for this question on PAPER as soon as possible i'll surely give u Thumbs up. Sir i am stuck for this question on PAPER as soon as possible i'll surely give u Thumbs up. Sir i am stuck for this question on PAPER as soon as possible i'll surely give u Thumbs up. Sir i am stuck for this question on PAPER as soon as possible i'll surely give u Thumbs up. Sir i am stuck for this question on PAPER as soon as possible i'll surely give u Thumbs up. Sir i am stuck for this question on PAPER as soon as possible i'll surely give u Thumbs up. Sir i am stuck for the stuck Induktions- spule A capacitor is connected to an induction coil and di... Please provide Handwritten answer. Let p(a) represent the cost of s pounds of grass seed. a.) Which composit... Problem 5.4 Air is compressed at steady state from 1 bar, 300 K, to 6 bar with a mass flow rate of 4 kg/s. Each unit of mass passing from inlet to exit undergoes a process described by pul27 = constan... The San Bernardino County Fair time. Their hourly wages range from \$6.10 to \$7.60. California has a state Income tax of 9%. Sandy Denny earns \$7.60 per hour; George ... Assuming that the heights of college women are normally distributed with mean / and s... EJERCICIO N°2 Calcular valores logarítmicos A continuación, se presentan un grupo de ejercicios propuestos de autoestudio referidos al tema de la unidad y que complementa el aprendizaje. 1. En qu... What is the man? What is the median? Why would we e... Hello good afternoon everbody please answer question. 3 - 1 Tentukanlah kemiringan/slope garis di bawah ini. (a) y = 2x + 5 (d) y - 3x + 2 = 0 (b) y = -3x (e) y = 5 (c) 3y + 5x - 10 = 0 (f) X = 43 - ... Clustering via k-Means NOTE: Data points are represented as $X = \{x \ 1, x \ 2, ... x \ N\}$ Consider sample data with x = 16 and s = 14. (a) Compute the coefficient of variation. (b) Compute a 75% Chebyshev interval around the sample mean. Lower Limit Upper Limit is During the last four years, a certain mutual fund had the following rates of return: Year Rate of Return 2014 3.5% 2015 3.3% 2016 4.8% 2017 7.3% At the beginning of 2014, Alice invested \$2,214 in t... please answer me. For example, $p(x) = 3x + 5 \times 4 + 6x - 76$. Biguadratic Polynomial: A polynomial of degree 4 is called biguadratic polynomial and it is of the form p(x) = ax4+ bx3 + cx2+ dx+ e, where a, b,... A cake is divided into 6 equal pieces alumeci ate 1 piece out of 6 pieces of cakes, chocolate and fruit. Each chocolate cake uses 600 grams of flour, 100 grams of butter and 200 grams of sugar. The corresponding figures for a fruit cake are 300 gram... write general matlab codes for (1) Trapezoidal rule method (2) taylor series (3) modify Euler's & improved Euler's method (4) cubic spline interpolation. draw a slop that is one third label the line a pleas use a graphical with lines going horizontal and vertical thank you please help me answer this. III. Sets Let P = Q = {-2, -1, 0, 1, 2} and define relation U form P to Q as follows: For all x, y E P x Q, x, y EU means that x + y is an odd. 1) Find PXQ 2) Find U 3) Dom... @ Home X Course X * Course OUT. Section 2 Part E A power station fueled lay natural gas has an overall efficiency of 54.5 'ifi. The power station is used to generate 45 MW of electricity. The heating ... Direct | Premye Okazyon 1 x Home | myLU | Module 2: WebAssign Quiz 1- "webassign.net/web/Student/Assignment-Responses/last?dep=27416895 liberty Dashboard Learn -Study Mater... Orbund Shado... Checking the Linear Regression assumptions in R/Stata 1. This exercise asks you to use the 'hprice1' data-file from the 'wooldridge' package in R. 2. You need to install/library the 'wooldridge' packa... Familia Risi Queirolo posee un negocio de elaboración y venta de café en granos para una prestigiosa y reconocida cafetería. Pensando en la elaboración de un nuevo producto, observa que sus cost... acob was able to repay his \$4400 loan in five years by making payments of \$85 at the end of every month. What nominal monthly compounded rate of interest was Jacob being charged on the loan? Select on... You buy items costing \$900 and finance the cost with a fixed installment loan for 12 months at 8% simple interest per year: a) finance charge: b) monthly payments : Sir i am stuck for this question. FUNCTIONS & GRAPHS Q4 (a) Use the slope and y-intercept method to find the slope and y-intercept VocabularyDilationsThe column on the left shows the steps used to graph a dilation. Use the column on the left to answer each question in thecolumn on the left shows the steps used to graph a dilation. Use the column on the left shows the steps used to graph a dilation. Use the column on the left shows the steps used to graph a dilation. Use the column on the left shows the steps used to graph a dilation. Use the column on the left shows the steps used to graph a dilation. Use the column on the left shows the steps used to graph a dilation. m/kg.1 Red blood cell volume th... Sir i am stuck for this question. d) Consider the function f=x2. Assume that the learning rate a= 0.1 and the initial value is x=2. Using this information, show the first 3 iterations of the applicati... Please answer. Question 35 (4 points) A 6 m beam is supported at each end and carries point loads. Calculate the reactions at each support to achieve equilibrium of the beam (Clearly show the calcul.... Problem 2 (50 points) [Hypothesis testing for uniform (0, (). We know that o can possibly take two values do and 61 w... Given a vector with magnitude A = 5.0 m and direction θA = 60, find its components Ax and Ay analytically and graphically. Find the percent error. Graphical: Ax = _____ Ay = _____ Analytica... (20 pts) How many numbers between 1 and 1000 are not divisible by 5, 13, or 31? grade 12 advanced function.. PI) APPLICATION (6) SOLVE EACH EQUATION T a) legg * = 2 10) log , [log , x] = -1) logx-logx = 6 Z -2) $\log 2(x-6) + \log_1(x-4) = 32$ (log x) - Blog x = ... Fill in the tables and answer the questions that follow: (7 pts.) Output Substitution Mix Ratio #1 0 1550 xxx #2 400 1425 #3 530 1380 #4 700 1300... MTH1010 10 04 1 Let f(x) = In(sin(x)) for 0 < < 5. Select the correct derivative (a): - = $\tan(x)$ (b): - = $\cot(x)$ (c): =- $\tan(I)$ (d): = - $\cot(x)$ Select one: O a a) O b. b) OC. C) od. d) MTH10... If the cost of electricity is \$ 0.31 per KWh and the total cost of the electricity is \$ 0.31 per KWh and the total cost of the electricity is \$ 0.31 per KWh and the total cost of the electricity is \$ 0.31 per KWh and the total cost of the electricity is \$ 0.31 per KWh and the total cost of the electricity is \$ 0.31 per KWh and the total cost of the electricity is \$ 0.31 per KWh and the total cost of electricity is \$ 0.31 per KWh and the total cost of the electricity is \$ 0.31 per KWh and the total cost of the electricity is \$ 0.31 per KWh and the total cost of the electricity is \$ 0.31 per KWh and the total cost of the electricity is \$ 0.31 per KWh and the total cost of electricity is \$ 0.31 per KWh and the total cost of the electricity is \$ 0.31 per KWh and the total cost of the electricity is \$ 0.31 per KWh and the total cost of the electricity is \$ 0.31 per KWh and the total cost of the electricity is \$ 0.31 per KWh and the total cost of electricity is \$ 0.31 per KWh and the total cost of electricity is \$ 0.31 per KWh and the total cost of electricity is \$ 0.31 per KWh and the total cost of electricity is \$ 0.31 per KWh and the total cost of electricity is \$ 0.31 per KWh and the total cost of electricity is \$ 0.31 per KWh and the total cost of electricity is \$ 0.31 per KWh and the total cost of electricity is \$ 0.31 per KWh and the total cost of electricity is \$ 0.31 per KWh and the total cost of electricity is
\$ 0.31 per KWh and the total cost of electricity is \$ 0.31 per KWh and the total cost of electricity is \$ 0.31 per KWh and the total cost of electricity is \$ 0.31 per KWh and the total cost of electricity is \$ 0.31 per KWh and the total cost of electricity is \$ 0.31 per KWh and the total cost of electricity is \$ 0.31 per KWh and the total cost of electricity is \$ 0.31 per KWh and the total cost of electricity is \$ 0.31 per KWh and the total cost of electricity is \$ 0.31 per KWh and the total cost contemplating whether to use the \$25,000 you have saved to make a down payment on a house, or invest the money in ... mathxl.com/Student/PlayerTest.aspx?testId=235267089¢erwin=yes Math119 402 isha patel & | 11/25/21 8:48 AM E Test: MATH119 Test #2 Fall 2021 Question 3 of 15 This test: 50 point(s) possible... Jenna wanted to use the cosine law to determine the length of AC. Can Jenna do so? Explain. (2 marks) 12.5 cm 9 cm 590 APP & TIPS 1. A 4.5 m long slide is attached to a 3 m ladder. The slide ma... Topic: Minimal-Spanning Tree Problem The following table shows the distance between houses (nodes) that Tom's Cable Company needs to connect. From Node To Node Distance 1 2 120 2 3 100 1 3 200 2 4 ... How can I make percentages of a differentiated result of a figure? Find a 3 × 3 matrix Sij so that the product SijA is the same as the matrix A after applying the row operation Ri \leftrightarrow Rj . how do l express the deposit as a percentage of the purchase price A survey was conducted with 120 students in a school to see how many students were members of extra-curricular clubs. The following results were recorded for the jazz band, drama club and rowing team.... Please provide Handwritten answer. 191. The differential equation dt2 - tx = 0 can be shown to have basis solutions of the form x(t) = vtzp where Zo is some Bessel function. Determine which Bessel fun... Costo de producción El costo variable para fabricar un aparato celular es de \$300 y los costos fijos son de \$1400 al día. Determinar: a) La ecuación del costo total "y" de fabricar "x" celulare... Price of eggs and milk: The following table presents the average price in dollars for a dozen eggs and a gallon of milk for each month from March through

December 2003. Use a TI-84 calculator to answe... A \$28,250 loan at 9% compounded quarterly is repaid by monthly payment? b. Calculate the principal and interest portions of ... hi there can you help me with the following question with 3 parts. many thanks in advance! . 3. Naive Bayes for spam filtering. (40 points) In this problem, we will use the Naive... If a 25 m support wire is attached to the top of a pole and also to the ground 7 m out from the bottom of the pole? (Show diagrams.) (Pythagoras) Advance Operations Management. QUESTION # 3 - MAINTENANCE AND RELIABILITY 20 MARKS a) Ten high-intensity bulbs are tested for 100 hours; another failed at 50 hours; another failed at 70 hours and all... Total mass of an object is 200 gram. What will be: i. Weight on the Moon? iii. Mass on the Moon? In some applications one is faced with the problem of interpolating points which lie on a curved path in the plane, for example in computer printing of enlarged letters. Often the complex shapes (i... Show that the shortest vector in (norm with constant (, norm (q > p)) has only non-zero. (#) Please help me answer question 5&6ab. Explain aswell. Thank you in advance. . 3:09 Done Unit 2 Exam including units in the work and answer (as shown in the readings using dimensional analysis by... fl. Prove that every.r natural number n can be written as 3. Burn and difference of distinct powers of 3. In other "wilds? there exists a non-negative integer 3 and numb..., eg E {-lfifl, 1} s... using the table above Constant Function y = Linear Function y =Quadratic Function x + C... Using the output of your regression, what would you predict as the final GPA of a student that was 26 years old and scored 680 on the GRE? PLEASE HELP TO ANSWER THIS CORRECLTY. FOR AN UPVOTE AND POSITIVE RATINGS. MY CHOSEN TOPIC IS LETTER A: COMBINING FRACTIONS.. B. Among the topics (x listed below, choose one and write a discussion about... d) Describe some of the strategies and algorithms used to solve the travelling salesperson problem. Please apply strategies and algorithms used to solve the travelling salesperson problem. to the following integral: 1 I axe'dx H mm e=13 Hint: you can use the integration by parts. Maximize z = x + y subject to: x + ay = 10 bx + y = 10 x, ynumber of defective batteries in packs of 20 is 1.6. Use a binomial distribution to calculate the probability that a randomly chosen pack of 20 will have more t... Solve for the below. The non uniform XYZ bar which weighs 199 kg has its centre of gravity G at a distance 4 m from X. This bar rests on a homogeneous crate P. The static coefficient of friction between. A financial analyst has gathered the following data about the relationship between income and investment in securities in respect of 8 randomly selected families: Income : 18 12 19 24 43 37 19 16 (R... If 20% of an electricity bill is deducted, then P bill? –1650 is still to be paid. How much was the original 1 2 3 4 5 6 7 . . Given: If 2x=6 then x=3, identify the type of implication "If x#3 then 2x#6." * O converse inverse contrapositive O negation. If 2x=6 then x=3, identify the type of ... [-/0.5 Points] DETAILS BBU There are 14 qualified applicants for 7 trainee positions in a fast-food management program. How many different groups of trainees can be selected? Need Help? Read It Watch ... Hi, this question was given as a homework The course is Material cost I hop I can get explanation A flange is forged from C-1020 steel bar 1.5 in. O.D. Each bar is 7-9/16 in. long and wi... (16 points) The ice-cream shop in Santa Clara College offers three types of ice- cream: chocolate (C), vanilla (V), and strawberry (S). A survey of its 800 of its senior students show that: 350 stu... Suppose a polynomial function of degree 4 with rational coefficients has the following given numbers as zeros. Find the other zero(s) is/are (Type an exact answer, using ... Identify whether the following examples are observational studies or experiments. 17. You stand on the corner of a busy intersection and count how many people keep driving through the intersectio... Scenario 3 In scenario 3, there are 5 different components to be assembled including body, engine, and doors. Thi... Let n 2 2 be an integer. Denote n-1 $Sn = \{(P1, ..., Pn-1) \text{ ERn-1}: 0 < pi < 1 \text{ for } 1 < i < n - 1, and 0 < 1 - > pi < 1\}$. i=1 Let (pi, ..., Ph-1)T E Sn be a fixed vector. Consider t... Sir i am stuck for this question . [16 Points Total] Use Lagrange multipliers to find the maximum and minimum values of 3x + 6y subject to the constraints 3x + 2y? = 63 and x, y * 0. Tell also the poi... SOLUCION Unable of 3x + 6y subject to the constraints 3x + 2y? = 63 and x, y * 0. Tell also the poi... SOLUCION Unable of 3x + 6y subject to the constraints 3x + 2y? = 63 and x, y * 0. Tell also the poi... letra de cambio de \$ 2.400,00 suscrita sin intereses el 10 de enero, con vencimiento en 270 días, se descuenta el 8 de abril a una tasa del 1,50% mensual. Calcule: a. la fecha de vencimi... (10 marks) Consider the regularization problem min {Hy - ZfiH2 + A5208" with penalty Q(-) = H - II2 for ridge regression or 90 2 || - "1 for lasso. Below we have two plots (Figure 1, and Fig... Consider the uncapacitated lot-sizing problem with backlogging (ULSB) Backlogging means that demand in a given period. If r 2 0 denotes the amount... Take-Home Quiz (optional) al) Remaining Time: 02:20:12 Which of the following decimal numbers have too large of an exponent to be represented in the mini-IEEE floating point format? (choose all correc... Chrome File Edit View History Bookmarks Profiles Tab Window Help Q 8 Thu Sep 30 12:23 AM Mail - Hernandez, X VA 6.3 Homework-C X Course Hero x Course Hero x Desmos | Let's le: X | Mat... b部分: 若取(a) 部中最大的值, 試建立以x為未知數, 而兩根為k和k -2的二次方程.. 4. RAJTE (k+ 1)x2 - 8x + 2=0714TAR, lik*He (a) *AJanice O APP & TIPS 8a) The graph of y = x2 is compressed vertically by a factor of 0.75 and reflected on x - axis. It is also translated 5 units down and 4 units left. Write the equation of this function?... use a table and a graph to display the probability distribution for the number of times 5 comes up in four rolls of a standard die What is the present value of a 8-year debt whose future value is 4,700 if the loan has an annual rate of 3.2% with continuous compounding? 1)Sketch the region bounded by $f(x) = 2 + e^{2x}$, $g(x) = 2 + e^{2x}$, g(x) =Express your answer in simplified exact fo... Graph theory problem A degree-k constrained spanning tree T of G in which each vertex in T has degree at most k. Prove that the question: "Does a graph have a degree-k ... Solve a and b please. 3 /4 -54 Exit Fullscreen MHF 4U1 October 5. Solve. Show all your work and calculations. a) (128)-4=(64)24+3 b) (3)"-5(3 4x)-6=06 [3, 4]. THE INTEREST RATE FOR DIFFERENT TIME PREFERENCES AND GROWTH RATES OF THE ECONOMY Time Preferences Growth Rate (g) OR -0.02 -0.01 0.00 0.01 0.02 1.02 interestRate interest. How much will be paid at the end of an obligation if it is a construction of the end of an obligation of the end of the en granted for two years with an interest rate of 2% monthly and a credit of \$ 500,000? Q2. A) Find the minimum number of students. B) A typical telephone number in the United S... Activity 2.5 Assessment of Learning TVO ILC MPM2D Learning Activity 2.5 Assessment of Learning 19. Consider the following statement: "If a circle with its centre at the origin has a chord with sl... An integer N, is represented in One's Complement form on 12 bits as: N = (1111 0101 1101)one's Complement Find each binary representation for N. Enter N. if not possible 1. Signed-Magnitude on 12 bits. n=28 6. (a) Let n be your special number. Construct a map of a continent having n different colours are needed to colour bordering countries in different colours are needed to colour bordering countries in such a way that four colours are needed to colour bordering countries in different colours. Usi... For the following graphs please indicate: The type of function being represented are needed to colour bordering countries in different colours. type of graph) The equation of the function ... Sir i am stuck for this question .. If \$A is invested at an annual rate of R% compounded monthly, find the compounded monthly, find the compound amount at the end of B years. We have A=4,067, R=3%, B=31 Round your answer to th... #1 Which polynomial expression represents the area of the outermost square tile, shown below? The polynomial expression is $x+3 A \cdot x 2 + 6x + 6 B \cdot x 2 + 9x + 6 C \cdot x 2 + 6x + 9 # 2$ Which po... (2 pts) Write the argument using this format: [(premise 1) and (premise 2)] then conclusion (c (4 Pts) Construct a truth table for what you found in part b to d... From the complex analysis. thank you. 1. Find value of (1+i)2-i. 2. W=ez, find image of D={z=x+iy: 0S xS TT, y2 0}+ 3. Function f(Z) = is uniformly continuous at |z| 2 1?+ Z need help with number 3. use 2 as reference. please show steps on how to solve the problem thank you. also if using any theorems or facts please state. 2. For each of the following 5 parametriza... Significant Contribution of Linear Programming and Statistics in the field of Business and education . Example: X1, ..., Xn iid with density $fo(x) = (0 + 1)x^*$ for 0 < 0 < 1... In this problem, we explore the effect on the mean, median, and mode of Moments 1. Likelihood f(0) = 2. Differentiate with respect to 0 Ologl(@) = 3.... In this problem, we explore the effect on the mean, median, and mode of Moments 1. multiplying each data value by the same number. Consider the following data set. 3, 3, 4, 7, 11 (a) Compute the mode, median, an... * Question Completion Status: QUESTION 1 How long did it take a 2000 loan at 2 1/2% interest rate to generate 37.50 interest? .75 months 9 months 9 months Winding arrows. In each drawing below we have a circle (equator) drawn with arrows as indicated. Compute the winding number of the arrows as
you travel once around each of the equators. Viewing from t... Use the formula d = rt where d is total distance, r is rate of travel once around each of the equators. at 12 miles per h... An investor deposits \$100 into his account on day 2, and \$300 into his account on day 3, and \$40|0 into his account on day 2, and \$300 into his account on day 3, and \$40|0 into his account on day 2, and \$300 into his account on day 3, and \$40|0 into his account on day 4. underlying true sparse vector (i.e. k < (1+ MAT)). Could there be a diff... g11 genmath, topic: solving real life problem involving exponential function, equation and inequalities. Activity 1.1 "I - Predict Mo" 1. In 2015, a certain municipality in Quezon Province h... Complete the following table. (3 marks) Equation: Zeros Axis of Vertex Maximum or Maximum or symmetry minimum minimum value y - a(x - s)(x - t) = 19(f(1)) - 3. Sketch some of the level curves associated with the given function. f(x, y) = V 64 - 4X2 - 162 2 X X - 2 - 4 4 - 2 - 4 O O Xresult. Find another way to evaluate f(x) again using only six-digit a... A high school English class has 28 students are chosen to receive extra credit. In how many ways ca... (25 points) Symmetric Positive Definite (SPD) matrices and the Cholesky decomposi- tion. (I) Prove that if A E Rx non-singular and A = LL, where L lower triangular, then A is SPD. (5 pts) (II) Cons... A newsboy buys papers for p1 paise per paper (p2 > p1). The unsold papers at the ennd of the day are bought by a wastepaper dealer for p3 paise per paper. apakah jenis-jenis pelabuhan yang terdapat di Alam Melayu? Mengapakah kawasan naungan menghantar ufti kepada Melaka? Apakah tugas Laksamana? Apakah tugas Temenggung? Bagaimanakah Kesultanan Johor Riau... A) Find the taxable income tax owed C) what is the marginal tax rate? D) what is th... please show clear working out.. Solve the following 4 quadratic equations by using the Quadratic Formula 1. $3 \times 2 + 12x + 2 = 0.3 \times 2 - 11x + 6 = 0.3$. $5.76 \times 2 + 2.86x - 1.35 = 0.4$. 3751," -14.512 - 0... Consider the Cobb-Douglas production function: Y = B + BK; + P,Li + 5; where all variables are log-transformed. Derive the test statistic for testing the constant returns to scale hypothesis (H,: B... please answer. 6. Occasional or Seasonal Products There are products. For example, during Christmas sea... Show that the conjugate gradient direction dx is descent. Use vectors to solve the following problem. A ski lift is moving skiers vertically upward at 32 - and horizontally at 25 m What min min is the resultant velocity of the ski lift? Write R as a set of ordered pairs. c. Write the domain and co-domain. D. Represent the following using roster and set builder notation. 1. The set of counting numbers greater than -1 and less than ... The city of Metropolis is divided into nine districts and is considering seven possible sites to place emergency vehicles. The table below shows the time (minutes) it takes for an emergency vehicles. The table below shows the time (minutes) it takes for an emergency vehicle to... Please can you show all the steps on how to answer the proof for these two problems, have a final coming up and I would like to understand how to approach these two problems thank you.. The relation R... Given a general matrix A, the solution provided by Orthogonal Matching Pursuit (OMP) after 5 iterations does not change if the matrix is normalized (to unit-length columns) or not. True or False? Ex... x varies directly as p. If x = 14 when p = 32, find x when p is 16. X = X For the given simple beams, calculate the reactions and draw the shear force and bending moment diagrams. State the maximum shear and bending moment diagrams. State the maximum shear and bending moment diagrams. /min. If air in the room fl... Question 25. QUESTION 25 Formulate the following problem as a linear programming problem (DO NOT SOLVE) A company which produces three kinds of spaghetti sauce has two plants. The East plant produces three kinds of spaghetti sauce has two plants. The East plant produces three kinds of spaghetti sauce has two plants. The East plant produces three kinds of spaghetti sauce has two plants. The East plant produces three kinds of spaghetti sauce has two plants. the number of integers between 1 and 6000 inclusive that are not divisible by 2, 3 or 5. 2. How many permutations of the letters and numbers of COVID19SUCKS ar... Currently struggling with lecture problems, please explain throughly if possible, thank you!. Find a formula for the value, V, of an investment, in dollars, initially worth \$15000 that grows by 7 % ev... QUESTION 2.1 POINT You carry over a credit card balance of \$500 with an APR of 18.99%. You make a minimum payment of 8% each month. Round all values to the nearest cent. a. What is the finance charg... Fie A si B două evenimente, cu $P(\overline{B}) = 1.3$ si $P(A \cap B) = 3.7$. Să se determine P(A|B). Need help with an application of the revised simplex method!. 2. 8 points [Lecture 29 (Monday, Nov. 22nd) is required for this question.] Solve the following LP problem using the revised simplex metho... Sky saved Php22,500 when she was 21 years old and put it in a savings account with a 4.2% interest rate compounded quarterly. How old is she now that her account balance is worth Php32,771.02? Answer ... QUESTION (Total: 10 marks) Suppose the monetary authority prints fiat money at the rate z but now does not distributes ... business mathematics. Question 15 (3 points) . Lumber Liquidators bought 240 cases of oak hardwood flooring at an auction for \$19,200.00. This means that each case had the same cost. Back at the store... TIME SERIES. (b) Show that the periodogram I (w) = 1 Els, Xie-itw /? TIn is asymptotically unbiased, i.e., E [In(w)] = f(w) as n - co. (6) The cost of manufacturing x badminton rackets per day is given by the function C(x) = 750 + 6x + 0.0002×2 Each racket can be sold at a price of p dollars, where p = 11 - 0.0003x.... A beauty consultant of a local brand will break even at a sales volume of RM350,000. Fixed costs are RM90,000, and each unit of output sells for RM35. Calculate the variable cost per unit. 1) On March 20, 2017, Calinda receives a \$100,000 loan from her employer to assist her in purchasing a home. The loan requires annual interest at a rate of 1%, which she pays on January 5, 2018. Assum... Please do it. 1). Consider the production function Q = 10K L. (a) What is the output when K = 100000 and L - 243? (b) Use the marginal analysis to estimate Q(99995, 243) and Q(100000, 245). (c) Use a ... Cuántos subconjuntos propios tiene "M"?M = {x / x EN , -2 < x <5} 1.A TV channel has ten minutes commercials per 90. what is the expected number of times you could randomly select this channel without hitting a commercials per 90. what is the expected number of times you could randomly select this channel has ten minutes commercials per 90. what is the expected number of times you could randomly select this channel without hitting a commercials per 90. what is the expected number of times you could randomly select this channel without hitting a commercials per 90. what is the expected number of times you could randomly select this channel without hitting a commercials per 90. what is the expected number of times you could randomly select this channel without hitting a commercial of 75 times you could randomly select this channel without hitting a commercial of 75 times you could randomly select this channel without hitting a commercial of 75 times you could randomly select this channel without hitting a commercial of 75 times you could randomly select this channel without hitting a commercial of 75 times you could randomly select this channel without hitting a commercial of 75 times you could randomly select this channel without hitting a commercial of 75 times you could randomly select this channel without hitting a commercial of 75 times you could randomly select this channel without hitting a commercial of 75 times you could randomly select this channel without hitting a commercial of 75 times you could randomly select this channel without hitting a commercial of 75 times you could randomly select this channel without hitting a commercial of 75 times you could randomly select this channel without hitting a commercial of 75 times you could randomly select the s square feet on her Math comer in his classroom. What is the approximate length of one side of the carpet? Round off your ... Set up and solve a proportion for the following problem: A one year weekly magazine subscription costing \$196.56 may be cancelled at any time, and a prorated refund will be made for the remaining we... Please show all work!. Let X be a set and A, B C X, Prove the following set equalities: (a) AUB = BUA. (b) AnB = BNA. Saad wants to determine the present value of \$1200 in 6 years at 3.6% compounded 5) quarterly. Which formula should he use? 0.030 - 6440.030 - 243.0 - 24P = ... Find the standard deviation of the following problems using the Online Statistics Calculator. [8 marks] Consider the following functions: $f(x) = 3 \times -9$. (a) Determine the domain of both f(x) and g(x). State the results using interval notation. (b) Determine each of the fol... A manufacturing company produces 2 different products A and B. Three distinct compounded monthly or 6.8 percent compounded monthly percent compounded weekly. Which alternative is the best one for ... 18 1 point What must be true in order for AABC = AEDC by the SAS Congruence Postulate? B A O LA = LE O AB = DE LB & LD O AC = CE Previous Suppose that the position of one particle at time t is given by the equations x1 and y1. Meanwhile, the position of a second particle is given by the equations x2 and y2. X1 = $4\sin(t)$ y1 = $2\cos(t)$ Ost... A rocket is launched from a platform. Its height in metres, x seconds after the launch, is modelled by: h(x) = -4(x + 2)(x - 18) a. What is the
height of the rocket at the time of launch? b. How man... In a Gallup poll of 804 randomly selected adults living in the 50 U.S. states and the District of Columbia, 466 felt that gay and lesbian relationships were morally acceptable. Construct a 95% confide... Change the following percent into a common fraction.) The average price of a house in a small town in 2008 was \$235,000. The following year, the average price of a house was 210,000. The headline of the local newspaper read, "Town experiences Dr... I need help with step by step solution. Given the Boolean expression Y = ABC + AB discounts of 30% and 7%. The selling price will be the MSRP of \$58. If overhead expenses... Maintenance costs for a fleet of tractors are expected to inflate at a rate of 8% per year. The first year's maintenance costs for a fleet of tractors are expected to inflate at a rate of 8% per year. Ratio 1. Meter stick or tape measure 2. Spreadsheet/Calculator Instructions: 1. Form a group of three members. One member will serve as the mode... Let {In}2 0 be Cauchy sequences of rational numbers and {Un}no be a Cauchy sequence {Cry, }, is also a Cauchy sequence. [5] may you please help me with that question. QUESTION S Given g (x) = 5.1 Write down the equations of the asymptotes of g. (2) 5.2 Sketch the graph of g. Indicate all points of intersection with the axe... what exactly are the optimality conditions . Question 5: Consider the problem min – 12, subject to 2r1 – (5-12) < 0 r1 2 0, 12 2 0. Notice that the minimizer is i = (0, 5). Check whether the optima... Problem 7. (12 points) The goal of this problem is to fit a trigonometric function of the form $f(t) = co + c1 \sin(t)$ to the data points (0, 10), (7, 4), (7, 10), (3", 8), using least squares. a... The Great Books. There are 16 Great Books, from which you know your English prof for next semester will select 10. You are an overachiever and want to figure out how many different combinations of 10 ... Explanation needed. Find the median for this list of numbers 37 53 86 33 31 75 5 93 89 32 26 77 28 3 94 Median = please solve this. Evaluate the following expression: 2 3 X Round to two decimal places. ifom a cow? (flint. Shoe, to boot.) EXERCISE 4: About what fraction of a cubic centimeter of nib ber is worn off an automobile tire with each revolution of the when number 2 assignment 7 . - 4 10 - 5 Enter the matrix (3 i] 10), using correct syntax. How to enter your answer: The Maple syntax for a 3 x 3 matrix is: Matrix([[a, In, c],[d', e, fl,[g, it, 11]])... Write the slope intercept form of the equation of the line that has the given slope and y intercept slope -4 and y intercept 5/2 and graph the line A researcher believes that about 70% of the seeds planted with the aid of a new chemical fertiliz... Part b question 2. 2. When ax +3x-2x- bis divided by x-1, the remainder is 13. When it is divided by I x-2, the remainder is 6. Find the values of a and b. (5 marks) what would be a good hypothesis for this experiment If the mass of 5 pennies = 12.5 then the mass of 5 pennies = 12. students and the domain of classes. T[a']: a" is caught cheating. 13(1': y): a"... Can you please help me to solve this? Thanjs. Question 3 (20 points) (1) (7 points) Compute the double ... Need it asap. II. B. Factor each polynomial: Polynomial Factor 1. -6x - $15 \times 4 + 9 \times 3$ 2. $12x - 4 \times 4 + 28 \times 3$ 3. $3 \times 3 + 14 \times 2 + 11x + 12$ 4. $10 \times 2 + 16x + 6$ 5. $2 \times 3 + 9 \times 2 + 11x + 6$ More CEdit Mary is paid on a graduated commission scale of 1.1% on the first \$100,000 of net sales per month, 2.5% on the next \$180,000 in sales and 3.5% on all additional net sales in the month. What will she b... Please check my math if its correct? Attachment A-2 Tiny Tots Daycare- City of Northville 2023 Monthly Budget- Baseline Budget Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Total Children (roun... Show that 0 is an eigenvalue of a network's modularity matrix. What eigenvector has this eigenvalue? Based on the data in Table 3.1 for Hamilton, Ontario and the information presented in the instructional content, complete the table by calculating the net supply or demand for each month. Information ... Any thoughts?. 10. Verizon charge a startup fee of \$40, plus a monthly rate. If you were charged a total of \$430 for the last 6 months, what does Verizon charge per month? pls provide a real and handwritten solution . Pls don't copy from any other platform as all solutions are incorrect . pls provide a neat and clean and a fresh solution for the vote. All information ar... An instructor teaching two sections. She randomly selected 25 students from each section and ... Use the iteration of the fixed point to locate the root of $f(x) = 2 \sin(\sqrt{x}) - x$. Start on x = 0.06 % Probability - Using page 242 - (Tucker text) answer question 9. 9. Describe an instructional/learning activity in which students toss a plastic cup to estimate the probability that it will fall righ.... - 5 Graph the function fox, = log rx + 2) + 1 Identify the Domain, the Range and the equation of the vertical asymptote and 2 paints - C Sketch an even continuous function with all of the followin... Just give the answer without explaining it. TICTIVUS 105 INCAL Tac rage / VI It Question 9 (3 points) 8x + 2, for x < 2 For f(x) = 11, for x = 2, find f(-7) and f(7). (x2 + 7, for x < 2) + 1 Identify the Domain, the Range and the equation of the vertical asymptote and 2 paints - C Sketch an even continuous function with all of the followin... Just give the answer without explaining it. TICTIVUS 105 INCAL Tac rage / VI It Question 9 (3 points) 8x + 2, for x < 2 For f(x) = 11, for x = 2, find f(-7) and f(7). (x2 + 7, for x < 2) + 1 Identify the Domain, the Range and the equation of the vertical asymptote and 2 paints - C Sketch an even continuous function with all of the followin... Just give the answer without explaining it. TICTIVUS 105 INCAL Tac rage / VI It Question 9 (3 points) 8x + 2, for x < 2 For f(x) = 11, for x = 2, find f(-7) and f(7). (x2 + 7, for x < 2) + 1 Identify the Domain, the Range and the equation of the vertical asymptote and 2 paints - C Sketch an even continuous function with all of the followin... Just give the answer without explaining it. TICTIVUS 105 INCAL Tac rage / VI It Question 9 (3 points) 8x + 2, for x < 2 For f(x) = 11, for x = 2, find f(-7) and f(7). for x > 2 A) f(-7) =- ... Note: I need to be typed and word to word your answer, not pasted from anywhere else.. Question 4: You are playing laser tag. The players are a mix of 8 adults and 5 children. The staff tell you to li... math help please ?. ctions/interface Decimals by Whole Numbers Divide. Round to the nearest tenth. 5.1 104 Enter orparation. All Rights Reserved. 110 O n-ary Relations and Their Applications. Show that if C, and C, are conditions that elements of the n-ary relation R may satisfy, then SC, AC, (R) = Sc, (sc, (R)). Q- Reduce the following ratio to its smallest terms Original ratio to its smallest terms Original ratio to its smallest terms of the n-ary relations. 293124083 Linear Relations.pdf x 5 293124075 Linear Relations.pdf x 5 293124075 Linear Relations.pdf x 7 Z be a function. Prove the following: (a) If f is injective, then go f is injective. (b) If f is surjective and g is surject... SOAL : 1. Dari data-data perekonomian suatu negara diperoleh sebagai berikut : konsumsi minimum penduduknya 500. Jika pendapatan penduduknya 500. Jika pendapatan penduduknya naik sebesar 6 akan digunakan untuk tambahan... this needs to be solved in a grade 11 manner. Please answer with as much detail as possible. . IUnCLIC 4. A population of 25 n the science lab. The population quadruples in 5... We want to consider the conformal mapping q with w = q (z) = z + z, 1 where z = x + i y and w = r + i s. Here z and w are complex variables and x, y, r, and s are real. 1. What is the in... Answer question with steps. Sample Questions 1. Solve [2x + 3y = 10 x + y=4 b] graphing. N/W 2. Solve -x-5y=8 by substitution. 2x+ y=3 3. Solve 2x+ 3y =6 15x-21y =-44 by eliminating a variable by adding ... In 23 - 25 let to be a finite group of order K. 23) Prove Lagrange Theorem: KIM [Hint problems (x] IF Fed Ly: G - G By Lalx) = ax, Prove Va, BEG, Look- Lab (3) P... how many meals can you get for \$3.98. For \$3.98 you can get a salad, main course, and dessert at the cafeteria. If you have a choice of 3 different main courses, and 4 different salads, 4 different main courses, and 4 different salads, 4 different main courses, and 4 different main courses, and 4 different salads, 4 different main courses, and 4 differe the 25th deposit? W... Calculate the first 4 months of payment on this balance with an apr of 30 percent Algebraically find all x E R which satisfy the equation log2(x - 1) log2(x) = log2(x - 1) log2(x). A large hotel chain needs to apportion 25 new surfboards for its visitors to rent among three hotels based on the numbers of rooms in each hotel as shown below. Use the table to answer parts (a) and (..., 7. A TV channel has ten minutes commercials per 90. What is the expected number of times you could randomly select this channel without hitting a commercial? [2T/1A] 8. A comput... Hi can you help me solve this question . PROBLEM 1 Sketch the following functions: f(x) = (x + 1)3 (x - 1) + (x 2)? Include: x-intercepts. y-intercept. Degree 2 -6 -4 -2 0 2 6 -2 -4 NO HANDWRITTEN ANSWERS PLEASE SHOW ALL THE WORK! Hint: For the following problems, Use the Centr... A 200hp generator is being considered for purchase. The generator will cost P320,000 with a life expectancy of 10 years, with an efficiency of 82%. The maintenance cost per year is P5,000. This genera... En un grupo de estudiantes, cada uno toma un curso de los que toman computación... Your personal computers are not the only devices that uses computer hardware components. There are lots of different appliances that use microprocessors and different
application matrix P that projects vectors in R onto W. P = Note: You can earn partial credit on this problem. preview... Simplify each of the following in terms of sine and cos. (4 marks) a) sin3xcosx - cos3xsinx b) cos 6x - sin 6x Let X1, ..., Xn E RP, n 2 p, and set 12 . . . TIP Xo 21 22 2p X := E Rnxp X, Inl n2 Top Suppose that X 1 = 0. Let the eigenvalue decomposition of the matrix S := LXTX E RPXP be given by S = LXTX E RPXP be given by S = E Rnxp X, Inl n2 Top Suppose that X 1 = 0. Let the eigenvalue decomposition of the matrix S := LXTX E RPXP be given by S = LXTX E RPXP be given by S = LXTX E RPXP be given by S = E Rnxp X, Inl n2 Top Suppose that X 1 = 0. Let the eigenvalue decomposition of the matrix S := LXTX E RPXP be given by S = LXTX E RPXP be given by S VAVT, ... you want to purchase a new car in 6 year and expect the car to cost \$56000. your Bank offer a plan with a guaranteed APR of 4.5% if you make a regular monthly deposit ea... 5 8 Eight boys and two girls sit on a bench. Determine the number of possible arrangements, given that (a) the girls do not sit together; [3] (b) the girls do not sit on either end; [2] (c) the girls ... 1) Prove Proposition 4.1 : If the game has a strictly dominant strategy equilibrium, then it is the unique dominant strategy equilibrium, then it is the unique dominant strategy equilibrium. (5 points) 2) Weak Dominance : A weakly dominant strategy equilibrium, then it is the unique dominant strategy equilibrium. haven't studied anything in over ten years suggestions would be greatfully appreciated. Deanna Two students in bumper cars want to prove conservation of momentum. They collide their bumper cars want to prove conservation such as 5x-3 5x what is the first step? All held questions will be shown to you again at the end of this test. You have held 12 questions so for The following is a listing of the amount of sugar in six popular snacks found on a high school ... Rewriting Rational Expressions expression, a(x)b(x), in the form q(x)+r(x)b(x). Answer these questio... Business Mathematics Topic: Basic Concepts of Stocks and Bonds Analyze the different market indices for stocks and bonds. ?... please help assignment 3 question 12. Convert the decimal number -149 to the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE representation you enter... Linear Programming: An Algebraic Approach (dont use excel for explanation i just need help to create an equation and everything else I will calculate on my own). Ashley has earmarked at most 250000 GB... Painting The Ace Place Paint Co. sells paint in steel drums each weigh- ing 36.4 1b empty. If 1 gallon of paint weighs 9.06 lb, what is the total weight of a 50-gal drum of paint? text maygemk. nd X3 and find that for the square 8 0.160 Adjusted R Square 8 0.160 Adjusted R Square 0 92.37 SEE 60 duct a test at the level to see if conditional hetero... Standard 4 - Modelling a) The coordinates of points on a path up a hill are (30, 80), (50, 118) and (90, 205) where x is the horizontal distance in meters. i) ... Recall from class that the smallest example of a projective plane is the Fano config- uration, also called the Fano plane, which has seven points and seven lines, with three points and y is the vertical distance in meters. on each line and ea... Find the partial derivative of the dependent variables. U = e 7X + 4y A rock sample containing 256 g of tungsten-187 decays until it contains only 0.25 g of tungsten-187. If the tungsten-187 decays until it contains only 0.25 g of tungsten-187. sums. 3. (a) Describe fully the single transformation that maps triangle B. (b) On the grid, draw the image of (i) triangle A after a reflection in th... 1 (Solving an LP Graphically) Consider the following LP: min $z = 3 \times 1 - x^2$ subject to $2 \times 1 + x^2 \ge 4 2 \times 1 + 3 \times 2 \le 10$ x2 $\le 2 x_1, x_2 \ge 0$ (a) Solve graphically the LP. (b) Verify your solution with... Write a simple word problem for 2 4 ? 3 5 15. Use your word problem and math drawings to explain why it makes sense that the answer to the fraction multiplication problem is 2 . 4 3. 5 In particul... Steve's investment doubled from \$1000 to \$2000 over 8 years. He knows that the interest was compounded quarterly. What annual rate did he get on his investment? Find the expected value E (X), the variance Var (X) and the standard deviation ?(X) for the density function. (Round your answers to four decimal places.) f (x) = e x on [0, ln 2] Learning Diagnostic Analytics Recommendations Skill plans Math Language arts Science Social studies Sixth grade > H.10 Multiply and divide decimals: word problems GZN You have pri Grace is having a... If the point (4, 7) lies on the graph of 2y + 2 = f[15(x - 1)], what is the corresponding point on the graph of f(x) = x 2 has been transformed so it has a ... full answer. Excel Electric Co. Lid buys electrical components in batches of 2000. From time to time a batch is randomly selected and, for quality control purposes, all the components are inspected. T... solve thIS math question with theory explanation. 40. Of the 52 apartments in the housing association, the owner has changed ownership at least once in 47 years. Assume that the housing turnover rate ... Please provide Handwritten answer of. 15 Who would benefit the most from the change away from the DB plan to a 401 (k]? Answer: What is the maximum contribution to a 401(k) of a worker age 56, who ear... Please provide Handwritten answer. 4. Use an appropriate Fourier transform to solve the 1-D diffusion equation on the half-plane: On 0 0 < <00, 130 with the initial condition : $u(z,0) = 0.0 < \dots$ Show that if R and S are both n-ary relations, then Pi1, i2, ..., im (R \cup S) = Pi1, i2, ..., im (R) \cup Pi1, i2, ..., im (R) occur using an algebraic method. Show all of your ... Consider the symbiotic relationship between a cleaner fish and the host that they clean. In each interaction a cleaner fish (row player) can cooperate (C) by properly cleaning its host or defect (D)... Hi I need help with this multiple choice question please, thank you!. Consider the following statements: 1. Every system of linear equations with 4 equations in 7 variables (unknowns) has infinitely m... Suppose the extended IS-LM model that allows for imports and exports is given by: C = 15 + 0.8(Y - T) T = -25 + 0.25Y I = 65 - r G = 94 X = 40 - 0.1Y M? = 5Y - 50r M? = 1,500 where C i... More is Better (Part I). The order list for a project is as follows: Task(t) Prereq. A(3 B(2 I C(2 D(2 - E(4) D F(4) D G(4) H(4 J(9)). The time is in hours, and the priority list is A, B, C, ..., J... Please provide Handwritten answer of. Use finite difference method to solve the heat equation with K = 1 for a 1-meter thin rod with T(x=0) = 200 and T(x=1) = 240. Use a step size of 0.25. Show your s... please help. 4. What is the effect in the dual G* when the following operations are made in the planar graph G a) Delete a vertex of G of degree 2 b) Contract a face of G with 5 boundary edges. 5. If ... help me for my question. 0. What is the volume of the given figure? (Use It=3.14) 8 cm A. 2 143.57 cm C. 2 144.57 cm 3 B. 2 143.58 cm 3 D. 2 144.58 cm Suppose the number of French fries in a small bag at a particular fast-food restaurant follows a normal model with mean 49 fries and standard deviation 5 fries. a) Use this model to estimate the pr... tan as 8 tan a = 90 AN Direccion = 180 + 36.012 11 tan B = 216.020 tan a = tan" a = 36.020 B = 216.020 140 0 dx = 11 m a = 36.023 60 0 dy = 8m I d $1 = N(H) + (812 \text{ Cor denada rectan gular. id} = ... \text{ Suppose that } y_1 < >2 \text{ are arbitrary real numbers and } y_n = = y_n + z_n +$ years since 1994 and find an exponential regression model (y=ab x) for this data set. (B) Us... 1). Write the truth table for the propositions below and determine whether it is a tautology or contradiction. a). [Not]p([Or]([Not]p)[And])[Not]p)[Or]([Not]p)[And])[Not]p)[Or]([Not]p)[And])[Not]p)[Or]([Not]p)[And])[Not]p)[Or]([Not]p)[And])[Not]p)[Or]([Not]p)[And])[Not]p)[Or]([Not]p)[And])[Not]p)[Or]([Not[p]([Not[pbrowser for the simplex tableau. C. Add the appropriate slack and surplus variables to the system and form the initial simplex tableau. 1. Maximize ... Written Math A. Filor items 21 to 25, determine
the constant of proportionality. / 21. a is directly proportionality. Question 3. Suppose f: R - Z, is the floor function is injective (onto). (i... Solve the following inequality. (5 marks) 2 X+3 X Please Do Asap...Urgent. Skip if you don't know. And Do not Upload the Wrong Answer... Consider two line segments represented in parametric form: p(a) = (1 - a)p1 + ap2, ≤ 106) = (1 - B)CI1 + 5'42 - Fin... 1 2 3. A study was done on a sample of fourteen 17 year-olds on wearing seat belts 1. How many females in sample? 2. How many males wh... Casey is paid \$1,240 a week. She worked 6 hours overtime last week and received \$1,432. Calculate her overtime pay per hour. 3.3. Let rot be the return of a stock index at time t. Sharpe's single-index model assumes that the log returns of the n stocks in the index at time t. insurance portfolio. Assume that NO = 0 follows negative binomial distribution / B(0, 5), and O follows a uniform distribution... In adults the ideal diastolic blood pressure is less than 80 mm Hg. At the 10% significance level, do the data provide sufficient evidence to conclude that the mean diastolic blood pressure of bus dri... This is a Proof on Real Analysis. kindly help me out. Problem 6 (2 pt.) Suppose $1 and f E LP([0, co)). Prove that lim f(x)enz = 0. n+00 / [0,00) Hint: Separately consider the three ca... Solve the following rational equation: <math>a+1 \ 3 \ a-2 \ a-2 \ + 5$ Nad is a sales rep for a plumbing fixtures store and receives sales commissions of 2.5% on the first \$15,000 of sales in a month, 3.7% on the next \$15,000, and 4.5% on all further sales... I' Discuss the reasons Why a system of equations AX=b may not have a so-lution (using language from vector spaces and subspaces). Give examples. 1- Show that a representation in terms of a linearly d.... Suppose a rock dropped into a pond creating a circular ripple travelling at a speed of 45 cm/s in an outward direction. (a) Let r be the radius of the circle. Express r as a function of time, t... Assignment 4.2 Linear Regression Construct a simple regression to predict house price from area (saft living Call this model). Let us examine how well the model is predicting price. W is the p-value f... Assignment 4.2 Linear Regression to predict house price from area (saft living Call this model). Let us examine how well the model is predicting price. W is the p-value f... Assignment 4.2 Linear Regression to predict house price from area (saft living Call this model). question. Question 4 Given the piecewise-defined function f() - "-1 if t<6 I if t2 6., then the Laplace transform LIf()] - A (1-46(1)) - u6(1) B (1-46(+)... I need to solve this in 1 hour hope I can get help thanks!! Question 45 A 39 kg dog needs a metoclopramide (5 mg/ml) CRI at 3 mg/kg/day. You have a 1L bag of Lactated Ringer's solution. The fluid rate... Find the shortest line in between two points using polar coordinates, i.e. using them as a line element ds2 = dr2 + r2do2. Problem 7 - Zero-balance account. The firm currently maintains an average balance of P420,000 in its disbursement account which Consider the function y = y(x) whose 2 graph appears to the right. Using this graph, estimate the values of x where: a) y(x) = 0 -4 -2 -1 b) y(x) < 0 fi.e. y(x) is negative) -1 y = y(T) c) 1 = y(T) gentlemen. 10. In the hatcheck ... Goodmorning, yesterday l asked a question for the sixth root of 7.20 * 10^38. The answer was giving and I needed a video explanation of the mathematical operation. I was surprised to have noticed tha.... pond), but, along the way, stops to rest at some point C located three-quarters of the di... Sir i am stuck for this question. 4 Question 4 Rewrite the following rational function: f (x) - 8x -15x + 36 as a quadratic function for x * -3 (hint use long division). f(z) = . 10 Question 10 On which ... Find the general solutions (implicit or explicit) to the following equations. (a) ?' = 3x-2 + 12 e-2y. dy 3r+ y cos I (b) Ay - sin r . Suppose that a researcher estimated the following regression equation: WAGE is the hourly wage, EDU is years of education, and... QUESTION 6 . 1 POINT The state of New York has 645 Starbucks with a researcher estimated the following regression equation: WAGE is the hourly wage, EDU is years of education, and... QUESTION 6 . 1 POINT The state of New York has 645 Starbucks with a researcher estimated the following regression equation: WAGE is the hourly wage, EDU is years of education, and... QUESTION 6 . 1 POINT The state of New York has 645 Starbucks with a researcher estimated the following regression equation: WAGE is the hourly wage, EDU is years of education, and... QUESTION 6 . 1 POINT The state of New York has 645 Starbucks with a researcher estimated the following regression equation: WAGE is the hourly wage, EDU is years of education, and... QUESTION 6 . 1 POINT The state of New York has 645 Starbucks with a researcher estimated the following regression equation: WAGE is the hourly wage, EDU is years of education, and ... QUESTION 6 . 1 POINT The state of New York has 645 Starbucks with a researcher estimated the following regression equation: WAGE is the hourly wage, EDU is years of education, and ... QUESTION 6 . 1 POINT The state of New York has 645 Starbucks with a researcher estimated the following regression equation: WAGE is the hourly wage, EDU is years of education, and ... QUESTION 6 . 1 POINT The state of New York has 645 Starbucks with a researcher estimated the following regression equation: WAGE is the hourly wage, EDU is years of education, and ... QUESTION 6 . 1 POINT The state of New York has 645 Starbucks with a researcher estimated the following regression equation: A rest estimated the fol population of 19.89 million. Write the number of Starbucks per 10,000 people in New York. Provide your answer below: Content attribu... We have to use mathematical induction for the given problem, please can you show how to do this problem step by step.. Prove that 7 | (32n - 2") for every nonnegative integer n. Dada la function p(x)=544-4x such that: a.Repetition is allowed? b.Repetition is not allowed? c.The first digit must not be 9 and repetition is not allowed? ... Kaan invested \$8,000 in a three-year compound enterest GIC earning 5.25% compounded quarterly. What is the maturity value of his GIC? Multiple Choice \$9,851.51 \$9,327.31 \$9,355.06 \$8,996.16 \$9,393.93 ... For you, what is the best manifestation of mathematics in nature? How is it exhibited? 2. In what way does a mathematical concept influence your reasoning and decision making? Cite a scenario. The outbreak of corona virus disease 2019 (COVID 19) has created a global health crisis that has had a deep impact on the way we perceive our world and our everyday life philippines one of the highest... Please answer any that you can!. B. Instructors Questions 1. Suppose John tosses a coin 5 times. Let X be the number of heads. Calculate Pr(X = x) for x = 0, 1, 2, 3, 4, 5 and find E(X). 2. (a) Let X ... please show all working. Used factorisation to solve the following quadratic equation 4t - 19t - 12 = 0 Part C h-gradeenter of heads. textbook page asks students to show equivalent fra ns for #5-9? 11-5 Number Lines and Equivalent fractions, show full work and thank you. Consider the differential equation dt = 2VIxl, x(0) = 0. (1) 1. Show that the function x1 (t) = 0 for all t is a solution of the initial-valu... Please help with this advanced math question. Problem 2 In this MATH336 assignment problem, suppose f1, f2 : R" - R where g(x) = ... Please see the following ASAP!. 1) What are the taxes Mike would have to pay on a Fort St. John property assessed at \$ 1,000,000 if the mill rate is 17.50 ? 2) Mario recently sold some Enbridge Energy... mathematical literacy. Question 1: Mrs. Paul is registered with SARS and keeps a record of all the financial activities in her business. You have been appointed to help Mrs. Paul with her VAT and UIF ... 1 A park is currently home to a population of 200 rabbits. The park is estimated to be able to sustain a population of 2000 rabbits. Absent any restrictions, the rabbits would grow by 50% per year. (a... Consider the body bound by the cylinder $x^2 + y = 1$, the (x, y)-plane, and the graph of the equation $z = 0.1 \times 3 + 0.1 \times 2 + 4$, as depicted in Figure 2, below. Figure 2: Body for problem 4. (a). Calculate the price including both GST and PST, that an individual will pay for a car sold for \$26,995.00 in Manitoba (GST = 5%, PST = 8%) Please ASAP . 5. (i) Let G be a graph on n vertices with at least (",) + 2 edges. Use Ore's theorem to show that G is not complete then it has two non-adj... Can anyone show how this could be solved using the prospective method?. 2 Given a. P. = 0.01212 b. 20 P. = Given the graph, Age versus Height Age N 2 3 4 5 5 6 6 a) Describe any trends you see. (2 marks). b) Why is this graph limited in its effective... 2.Two equal uniform rods AB BC each of weight W are smoothly joined at B and their midpoints are connected by an inextensible string. The string has length such as when it is taut ABC makes 9...(@). The... Explain how the graphs of y = and y = XX-2 are different, and why. X +1 (x+1 x-2) The interest charged on a loan was \$36.50 for 60 days. The loan principal was \$36.50 for 60 days. The loan principal was \$36.50 for 60 days. set. 3. A set with two elements has 2 subsets. 4. Equivalent set is also an equal set.... Please submit typed answers as handwritten are often illegible. 1. Solve the LP problems. If no optimal solution exists, indicate whether the feasible region is empty or the objective function is u... Sir i am stuck for this question with explanation . 1. Solve each of the following equations. a. 22 + 2 + 1 = 0 b. 22 - 2z + 5 = 0 c. 22 - 8z + 25 = 0 2. Use the following information to find x and y. a.... answer please. Mr. Mitchell has been driving for 16 minutes. It is currently 7:22 am. If he has 9 minutes left of his
morning commute, what time will he arrive at his destination? Read the problem may and y. a.... answer please. Mr. Mitchell has been driving for 16 minutes. It is currently 7:22 am. If he has 9 minutes left of his morning commute, what time will he arrive at his destination? Read the problem may a may be a currently 7:22 am. If he has 9 minutes left of his morning commute, what time will he arrive at his destination? Read the problem may a currently 7:22 am. If he has 9 minutes left of his morning commute, what time will he arrive at his destination? Read the problem may a currently 7:22 am. If he has 9 minutes left of his morning commute, what time will he arrive at his destination? Read the problem may a currently 7:22 am. If he has 9 minutes left of his morning commute, what time will he arrive at his destination? Read the problem may a currently 7:22 am. If he has 9 minutes left of his morning commute, what time will he arrive at his destination? Read the problem may a currently 7:22 am. If he has 9 minutes left of his morning commute, what time will he arrive at his destination? Read the problem may a currently 7:22 am. If he has 9 minutes left of his morning commute, what time will he arrive at his destination? Read the problem may a currently 7:22 am. If he has 9 minutes left of his morning commute, what time will he arrive at his destination? Read the problem may a currently 7:22 am. If he has 9 minutes left of his morning commute, what time will he arrive at his destination? have multiple parts. Answer each part clearly using several sentences (pay attentions). Include diagrams and appropriate mathematical... Miami's Adu Inbox (17,680) - c x M Important inform EX Sig C webassign.net web/Student/Assignment-Responses/last?dep=2741 17. [-/0.57 Points] DETAILS LARMPMT1 2.1.025. 0/100 Sub (a) Tell whether the s... A 4-wheeled vehicle of total mass 1500 kg is accelerated from rest to a speed of 72 km/h after travelling a distance of 400 m up an incline of 1 in 10. It has two axles, each of which together with th... Jay decided to swim after playing soccer. so he dived off a springboard at the pool. His height, h. in metres. above the surface of the water can be modelled by the relation h = -df + 4:! + 5 wh... Calculus 1. If y = 2x 1-72/ Show that d2 y 4x(x2 + 3) dx2 (1 - x2)3 All held questions so far Find the error in the calculations below, if there is one: Line (1): - - 76 - 5 Line (2): 10x + ... grade 12 advanced function.. 2 WRITE AS A SINGLE LOGARITHM a) 3logx - 4logy + leg z 1) Log, 17 Rog, 10 Consider this traffic circle. North Pier Main into 100 150 25 out of 75 150 50 We can set up equations to mode... Explain in details.. Consider the vote count for the hypothetical election results shown below. Candidate B 90 votes Candidate B 90 votes Candidate C 450 votes Candidate E 20 ... El señor Márquez, es un reconocido sastre en el centro de la ecuación: . Si debe h. number 1 assignment 7 . -7 5 7 0 0 Write the 1st equation of this linear system whose augmented matrix is 5 -3 2 -3 Do not simplify the equation 1 and question 2 -3 Do not simplify the equation of this linear system. shown on the map below with their respect... QUESTION 3 (a) Consider the boundary value problem "=12x, x(0) = 1, I(1) - 2 Solve this system by the shooting method by using the simple Euler method with At = 1, to find the approximate value ... The current price of \$41.99 for a monthly cellphone rate plan is 105% of last year's rate plan. There are currently 34,543 subscribers to the plan, which is 98% of last year. Express the current total... Let X, Y, Z be sets, f: X -> Y be a function, and g: Y - Z be a function. Prove or disprove the following: (a) If go f is surjective, then f is injective, then f is injective, then f is negative. n(rs,t) of the problem Ht=uzm, 0 < < L n(0,t) = n.3, tr» 0 U(L,t) = U1 t> '0 where no and n1 one given constants. Solve the following problem. In how many different ways can three distinct horses finish the race, if all sorts of ties are allowed to happen? Calculate the rate of infusion in mL/hr: An order is received to infuse amphotericin B 240mg in 500mL over 4 hours. How many milliliters per hour should the IV pump be programmed for? A postpartum pat... 2) Jaspreet invests \$1000 earning 5% simple interest. How long would it take fo her investment to double in value? Write final answer in a therefore statement. Determine the validity of the following argument. Superman can fly. I can't fly. ——- I am not Superman Find the half-range cosine and the sine expansion of the following function: f(x) = X, 0 < x < n/2 (I - X, 1/2 = X CHI 2. Show that the Fourier series of the function -1 < X < 0 f (x)... Assume A is the universal quantifier and ~ is the symbol for NOT. Let P(x) = 2 x > 3x. Assume that x can be any real number. Which of the following statements is true... A debt of \$5000 is to be paid in two payments, \$3000 in 2 years from now and another payment if interest is charged at a rate of 3% compo... It xy prove that k (x (, 1) = defined on (-11) x (-1, 1) 1 - JIM is a positive semi definite kernel A selection committee consists of three people. They use a one-person, one-vote majority system. A. find all the winning coalitions b. find resting energy requirements: M... Help me those questions please. 1. Assume that the readings on the thermometer is randomly selected and teste... Given the following voting preference schedule for movie genres, answer the questions below. 7 4 8 6 5 1st Choice Action Romance Comedy Comedy Horror 2nd Choice Romance Action Romance Action Romance Action Romance Action where asked to mathematically explain why the statement below is accurate or not. I am still confused by growth equations and was wondering if ... Write and solve your own word problem for 14.3 X 1.39. The density at any point on a semicircular lamina is proportional to the distance from the centre of mass of the lamina. How Democratic is Georgia? County-by-county results are shown for a recent election, For your convenience, the data have been sorted in Increasing order (Source: County and City Data Book, 12th editio... I need the answer for this. The price of a bag of popcorn at a basketball game increased from \$3.10 to \$3.75. The concession stand sold 290 bags of popcorn. With the price increased from \$3.10 to \$3.75. The concession stand sold 290 bags of popcorn. point fonnat: Sign Exponent Mantissa I I. D It is possible that the mini-IEEE repre... Sir i am stuck for this question only first 3. Show that these series are convergent and calculate their sum. 00 EM 1 (X) Z 211 + 1 n2(n + 1)2 1 2 211 + 3 1101; + 1)('n. + 2) 1 Sir i am stuck for this question . 7) [16 Points Total] A dead body is found in a 58 degree environment. If y(t) denotes the temperature of the body t minutes after death, then y' = -k(y - 58) for so.... Problem 9. Crude oil from different reservoirs in an area have different API gravities and sulfur contents. The event to find a high-sulfur (sour) oil reservoir is denoted by S, and the events to Full solutions showing all the steps would be much appreciated. . Exploring Functions Unit Assign X Research a Scientist Career Foci X Research a Scientist Career Fo X Course Hero X C Ims. virtualhigh... help me question 6b.7c clearly step by step pls!. 6 Find the following integrals. MTH1020 PROBLEM SET 9 (a) x(22 + 7) 12 dx (d) since 2 cost doc (b) t et (+2 - 1)4 dt (e) 1 + et dt (c) x sin(22 - ... Suppose you buy a home and finance \$170,000 at \$1,247.40 per month for 30 years. What is the amount of interest paid. an unprepared student makes random guesses for ten true or false guestion on a guiz. Find the probability that there is at least one correct answer. Convert in non-fractional ratio the following: 1/2 : 2/3. Question 19 6 pts Ligh intensity (I) is proportional (or) to the inverse square of distance (d) of a subject from a light source. The relationship in intensities for subjects at different distances f... The RBC Royal Bank offers an "add-on option" on fixed-rate mortgages. The option all the customer to borrow additional funds partway through the term of the mortgage. T interest rate char... 1 1 1 1 0 3 2 Find det 0 0 -1 2 0 0 U 1 O A. 14 O B. 33 O C. 27 O D. -14 O E. -33 Reset Selection You receive a pay raise of 6%, followed later by a pay cut of 6%. After the two changes in pay, your salary is unchanged Solution must show all workings and submitted in handwritten format. Q1 a) Assuming X 0 = 6,827, determine the next 10 random numbers using the mid square method. (10 Marks) b) Given X 0 = 89... Please write all the steps clearly. Thank You. . (2) Find the volume generated by revolving around y-axis, the figure bounded by x-axis, line x = 4 and the curve y = x2. Please provide Handwritten answer. Find a fundamental solution for the operator P = 0 - 1 (i.e. Pu = 2 - 1) (i.e. Pu = 2 du - u) in R. The teacher is engaged in a criterion-referenced interpretation of scores. Which of the following?. 3. Find the parametric form of the solutions step by step for the following?. 3. Find the parametric form of the solutions step by step for the following?. 3. Find the parametric form of the solutions of the PDEs in Problem 1, which satisfy the following?. 3. Find the parametric form of the solutions of the PDEs in Problem 1, which satisfy the following?. 3. Find the parametric form of the solutions step by step for the following?. Given the vector u = (-6, 6), find the magnitude and angle in which the vector points (measured counterclockwise from the positive x-axis, 0 5 0 < 27) 0 = How long will it take a given quantity of plutonium-239 to lose 60% of its radioactivity? (Round your answer to the nearest whole number. The half-life of plutonium-239 is 24,400) On page 77, division, explain the difference between: measurement division and partition division. When would you choose one method of instruction over the other?. Afterthe trade. we have 2 hundreds... Please
provide Handwritten answer. Complete the solution to the traveling wave ODE for the viscous Burgers' equation by finding the solution to the ODE (u u) (u - 2+). Researchers have found that the life expectancy of dogs is normally distributed with a mean of 15 years and a standard deviation of 4.2 years. Calculate the probability that a dog selected at random w... - 1 hour 1/1 QUESTION 19 . 1 POINT At your local store, you are given a coupon for 20% off any store item purchased. The item you choose (normal price is \$60) is already on sale for 30% off. You are a... Solve the following. 5. We want to select three subsets A, B, and C of {1, 2, ..., n} so that A C C, B C C, and An B + 0. In how many different ways can you do this? You are considering developing a 25,000 square foot parcel. The development is planned to include all residential, with 5,000 SF of commercial retail on the ground floor. 1 unit / 264 SF of land ... additional mathematics form 5 permutation and combinatorics class, any help is appreciated! This smartphone. Rajah di bawah menunjukkan satu kod laluan empat... For my combinatorics class, any help is appreciated! This smartphone. is a question from a practice exam with no solutions. Please answer all parts to question. I will make sure to UPVOTE!. 3. In order to show that both sets P(N) and F(N, {0, 1}) have the same infinite cardinal, 2*0, we shall construct a bijection 4 : P(N... please provide a through explanation. Question 1: Consider a discrete real random variable Y with realizations yx, k = 1, ..., n, attained with probabilities px > 0, " Px = 1. Calculate the m... Are the set of solutions to the differential equation d2 a(x) + b(x) dx u(x) + c(x)u(x) = 0, 0 < x < 1 a vector space? it already has the answer! im looking for procedures. transaltion of questions: 10) If y = x 3 + 4x 2 - 3x + 4, use the second derivative criterion to determine the values of x where the function... Solve the ff:. Find the solution of the following differential equation. dy 1.) IC = $y + Vac2 - 32 dx \times CSC$ ") - y dx + xdy = 0 2.) 3.) y Inxiny dx + dy = 0 oxeydy + 202 + 1 dx = 0 y directions: write a journal about which is better in terms of buying a large purchase or property — "saving money" on bank or getting loan"?. Additional Activities Directions: Write a journal about w... Hi...it's financial math. dysart schoology.com/common-assessment-delivery/start/51542 action-0 time&submissionid-708089733 Unit 05 Test - Part 1 POSSIBLE POINTS. 10 Cory is going to buy a used Che... XYZ Ltd makes three varieties of shirts: A-Type, B-Type, and C-Type. These shirts are made from different combinations of linen and polyester. The cost per meter of unblended linen is \$5 and f... Desarrollar ejercicio atravez de metodo de integracion The 20-point signal $x(n) = \sin(2\pi 2n/N)$, $0 \le n \le N - 1$ where N = 20. (a) Roughly sketch the signal for $0 \le n \le 19$. Do not explicitly calculate the values. (b) Find the DFT ... can anyone do this for me . can anyone solve this. Test #3 Simple Interest 1. CentSmart Inc. deposited \$33 215 into an account that had a simple interest rate of 2.3% on February 27th, 2015. On New Ye... 9 Tina has 4 less than 4 times the amount of kittens that Karl has. Tina and Karl have a sum of 61 kittens. How many kittens does Karl have? 10 7.22 - 2.7 -5[(87 ÷ (8-11)) ÷ (99 ÷ 3-2 2)... Show work for each. 21. Fill in the blank with an appropriate word, phrase, or symbol(s). A voting method that may not ... In 1970 Japan, the intrinsic growth rate was close to zero, life ex pectancy at birth was about 75, and the mean age of the stable (in this case, "stationary") population was about 40. By 2015,... Do not understand. ... The boxplot below shows salaries for Construction Teachers. Construction Teachers and Teachers. Construction Teachers and Teachers and Teachers and Teachers and Teachers. solve problem pls. 10. 10. If P(E and F) = .392, P(E/F) = .56 and P(F/E) = .7, then (A) P(E) = .168 (B) P(F) = .308 (C) P(E or F) = .084 A bank is offering a special three-year investment certificate paying 3.25% per year, compounded monthly. How much interest would you earn by the end of the three years if you deposited \$1500 in the a... usp-MA161. (discrete mathematics) refer to question answer both parts please. (a) Use mathematical induction to prove that $3 + 5 + 7 + 94 \dots + (2n - 1)n - 1$ for all integers n 1 (b) (1) Find the quo... Which methods may we use for correctly evaluating the sum $34 + 35 + \dots + 38$?) We rewrite the sum as $(30 + 31 + 32 + 33 + 3^* + 35 + \dots + 39) - (30 + 31 + 32 + 33 + 3^* + 35 + \dots + 39) - (30 + 31 + 32 + 33 + 3^* + 35 + \dots + 39)$ + 32 + 33) and apply the geometric summation fo... Question 2: Consider the following optimization problem: min f(x). (2) where f(x) = E [[x - ZI]. At xk, we see Z*+1, independent of x], ..., xk. Q2.a Describe the stochastic subgradient method for sol... Question 1.4.12. As we said above, the model of rabbit population growth X' = b. X is pretty dumb if you take it too seriously at large values of X. You will see later that in the long run, this model... Word problems. Mark sells ice cream for a living on Monday through Friday. This week, he sold ice cream for 245, 180, 200, 95, and 150 dollars. Mark sells ice cream for 245, 180, 200, 95, and 150 dollars. 6 pts Food cost rate (FCR) is determined by dividing the cost of the menu item to the customer. FCR = Price AP ... business mathematics. Question 38 (1 point) Companies uses following discounting methodology owing to transport time period lasting in months. Receipt-of-good dating OOO Ordinary Dating End-ofmonth D... (10 points) As if the zombie apocalypse wasn't enough, humans (H) are now facing off against both zombies (Z) and werewolves (W). Write a system of differential equations to describe this situation... A high school student has a GPA of 3.4 in high school student has a GPA of 3.4 in high school student at the math department used the predicted equation and she claims that Sarah will have an overall university GPA of 3.00. True?... I understand that the constraints should form a polytope. However, I am unsure how to relate that to the idea of recession directions. I would greatly appreciate an answer between now and tomorr.... S4. 31 8 32 W N 33 In each column of this grid the first number is the smallest number that cannot be achieved by adding together some combination of the numbers in the preceding columns. Wh... Please solve my question ASAP . To solve the utility maximization problem more generally, we write the problem as follows: Max U = E(rc - 1/2Ao'c = rs + y[E(rp) - rf] - 1/2Ay- op Students of calculu... simplify [2(5-4 + 6(7-3)] ÷ 2. 4. Simplify [2(5 - 4) + 6(7 - 3)]: 2 O 13 21 O 19 O 15 Solve the following. Please explain in detail.. Find the number of permutations of {1, 2, ..., n} that have n - 2 left-to-right maxima. Sir i am stuck for this question 1 need ab,c picture format is not good please try to understand its plus sign not divide . PROBLEME PROPUSE 1 54 se arate ca ummatoarele seni sunt convergente s... A BSC has the error probability p = 0.2 and the input to the channel consists of 4 equiprobable messages $x_1 = 000$; $x_2 = 001$; $x_3 = 011$; $x_4 = 111$. Calculate (a) p(0) and p(1) at the input; (b) Effi... Please help it would mean so much ! Thank you. 1. (2 points) Consider the initial value problem (t2 - 3t)y' + +2-16 1 y = t3e-2t. y(It) = -1. Determine (without solving the IVP) the largest open interv... There is a test that is commonly done to determine if data in a sample is that the variable is normally distributed. A test sta... Consider the linear programming problem maximize $-2 \times 1 + 3 \times 2$ subject to: $2 \times 1 + 3 \times 2$ subject
to: $2 \times 1 + 3 \times 2$ subject to: $2 \times 1 + 3 \times 2$ subject to: $2 \times 1 + 3 \times 2$ subject to: $2 \times 1 + 3 \times 2$ subject to: $2 \times 1 + 3 \times 2$ subject to: $2 \times 1 + 3 \times 2$ subject to: $2 \times 1 + 3 \times 2$ subject 3×2 26 X1 -X2 21 X16 X2 3 x, free X2 free a) Convert the linear programing problem into standard form. b) Plot the graphic... Sketch a graph (hand-drawn) of the function y = -3sinx + 2. Include 2 cycles A 0.050-kg tennis ball approaches a racket. If the racket hits the ball and makes the ball accelerate at 9,000 m/s2, what is the force that the racket exerted on the ball? 2. A net force of 100 N ... Question 2 (6 points) The compound proposition - ((s -> r) Ar) = (r -> s) Vris Contingency O=(rAS) = (rv-s) Tautology Contradiction With the start of school approaching, a store is planning on having a sale on school materials. They have a surplus of 600 notebooks, 400 pens, and 300 folders in stock, and they plan on packaging it ... A 50 Ω transmission line (Z 0 = 50 Ω) has a loss over its length equal to 2dB. The load impedance at the ... A researcher was hired to examine the drinking habits of energy drink consumers. Explain why he was fired when he published the results below, from a survey of 46 such consumers: 24 said they drink... A concert produces 2 kinds of souvenir shirts; one kind sells for \$20, the other for \$25. The total revenue earned from the sale of x thousand of the \$25 shir... (a) A company produces two produces X and Y. How many of each product should be produced to maximize profit function is given by $p = f(x,y) = -3x^2 + 4xy + 100x - 5y^2 - 30y + 1500$ Where x represents... A linear, real-valued system dx/dt = x has the associated flow $\varphi(y) = e^t * y$, $y \in R$ in continuous time. Describe the dynamical system associated to the time-one map, i.e., the map connecting each... II True of False 7/9=777/999 () 50/30 = 80/60 () 5/2 = 2.5/1() 21/30 = 71/100 () III. Multiple choice... State the percentage of scores in a one-tailed critical region for each of the following alpha levels: B. 0.10 C. 0.01 To solve 512 - 146, a student writes the following: 512 400 10. - 146 - 30 - 4 370 512 - 146 = 366 $-30 - 4\ 400\ 366$ Describe the student's solution strategy and dis- cuss why the strategy makes sense.... Please provide Handwritten answer. Find a function k(x) such that er is an equilibrium solution of the heat equation with p = c = 1, i.e. d HPTAO = ((T) n(T)y) Please answer with COMPLETE SOLUTIONS, thank you!. Consider the following LP model: Max $Z = 5 \times 1 + 2 \times 2 + 3 \times 3 \times 1 + 5 \times 2 + 2 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 6 \times 3 < bi X1 - 5 \times 2 - 5$ covariance matrix is E. (a) The Maximum Sharpe Ratio p... Leona ordered from a company that charges \$10 for a box of pens and \$4 for a box of rubber bands. She ordered a total of 24 cartons for \$210. How many cartons of each did she order? I tried but I don't think I do it correctly.. b) A company is offering a job with a salary of RM30,000 for the first year and a 5% raise each year after that. If that 5% raise continues every year, wr... Please and thank you!. Show Intro/ instructions Brandon has a jar of quarters is 8 less than twice the number of dimes. How many quarters ... Submission]) A mortgage of \$350,000 is to be amortized by end-of-month payments over a 25- year period. The interest rate on the mortgage is 5% compounded semiannually. Round your final answers to 2 d... Answer questions A, B and C Also round the answers to the nearest dollar. a. Suppose that between the ages of 22 and 26, you contribute \$7000 per year to a 401(k) and your employer contributes \$3500 ... julio buys a koi fish pond (and fish to put in it) for his wife on their anniversary. he pays \$8000 for the pond and fish with \$2000 down. the dealer charges add-on interest of 3.5% per year, and juli... Let Ab D = where (symmetric) A E R"X, b E R", c E R. Suppose that A > 0. Prove that D > 0 if and only if c- bA b > 0. : Determine the relative and/or absolute extrema; 1) Piece-wise function: $f(x) = x^2 + 1$, [1,2) f(x) = x + 1, (-1,1] f(x) = -(2/3)(x + 1), [-17/2, -1] f(2) = 6 2) $f(x) = (x^2 - 3 \times 2 + ... I'm just a bit confused as to how to prove these. 3. Let (M, d) be a metric space and let A C M be a non-empty subset. (a) (2 marks) Prove that F C A is closed in (A, d) if and only if F = Cn A for s...$ form complex analysis, Thank you.. Problem 2.+ adz C: z(t) = 3t+it, -Ists4 Find solution of C which stage of the teaching cycle requires the teaching cycle requires the teaching and learning? Solve the following problem.. How many arrangements of MISSISSIPPI are there with no pair of consecutive Ss? Please provide Handwritten answer. 4. Implementing Gradient Descent. In this question you will implement gradient descent for an easy problem: convex quadratic functions. Consider the problem: min : f... Question 4 V Multiply and simplify: x2 - 82 - 20 x2 - 25 x2 - 100 x2 + 72 + 10 Enter the numerator and denominator is 1, enter the number 1. Do not le... business mathematics. Question 34 (1 point) Which of the following is not true for Break-Even Analysis: It is an indication of the company's profitability level OOO It measure the output level that bu... Sir i am stuck for this question R=1. (b) Determine with reason(s) whether the following functions f(x) and g(x) is odd, even or 30%. a) What was the cost of the product to the retailer? For full marks your answer(s) should be rounded to... A bond has a face amount of 1000 and a coupon rate of 7% per year payable semi-annually every June 30 and December 31. The amortized value of the bond on June 30, 2018 (before payment of the coupon) i... Use R ID Y1 Y2 Y3 Y4 Trt Base Age 104 5 3 3 3 0 11 31 106 3 5 3 3 0 11 31 106 3 5 3 3 0 11 30 107 2 4 0 5 0 6 25 114 4 4 1 4 0 8 36 116 7 18 9 21 0 66 22 118 5 2 8 7 0 27 29 123 6 4 0 2 0 12 31 126 40 20 23 12 0 52 42 13... Given the following GPA for 4 students: 2, 3, 3, 4. Age of students: 2, 3, 3, 4. Ag and it's Normal. calc... help me to find y. Rajah 2 menunjukkan satu hubung gan antara dua nombor asas. Diagram 2 shows a relation between two number bases 23y1, = 51y Rajah 2/ Diagram 2 (a) Cari nilai y. Find the value of y. 3/7 Points] Trevor is interested in purchasing the local hardware/sporting goods store in the small town of Dove Creek, each product. Each product sells for \$58. What are the cost, revenue and profit functions? a. C(x) = 22x + 160000, R(x) = 36x. Need help with the step by step solution. CCP Math 121 8. (10 pts) Consider the following relation R on the set N of all positive integer numbers mRn > m+n is an even number . Prove that R is an eq... Gen Math FIND THE SOLUTIONS . ++x MthW ksh ts N : (-EffortlessMath a or ee 3:: Simple Interest 3. Determine the simple interest for these loans. 1 } \$450 at 7% for 2 years. 5 6 } \$24,000 at 5.5% fo... 8. Consider another Ricardian example, using standard Ricardian example, using st

Vintland 1 5 'IO Moonited Republic 10 4 Vintland ha... The following two problems are about the residual vectors rk = b - Axk in the Steepest Descent Algorithm. See the steepest Descent Algorithm. See the steepest descent demo algorithm in the "Conjugate Gradient" notebook. (a) Verif... Express each of the following as a single trigonometric function. (4 marks) a) cos 2 y cos y $\sin 2 y \sin y b$) $\sin 3 x \cos 2 y + \cos 3 x \sin 2y 2 \tan 3 p c$) $2 \cos 5a - 1 d 1 - \tan 3 p$ Find the measure of each angle to the nearest one decimal place. [3 marks] (a) $\tan A = 1.4071 A = (b) \sin B = B = (c) \cos R = 0.9178 R =$ The table, shown to the right, lists trees that are Riverside Park Sleepy Hollow Park in two city parks. Dogwood, d Sycamore, s Cherry, c Birch, b Find the smallest universal set U that contains Pine,... Please! :). Eduardo trained for 3 hours yesterday. He ran 3 miles and then biked 12 miles. His biking speed is 6 mph faster than his running speed. What is his running speed? mph Preview Two firms can control pollution with the following marginal costs of pollution reduction: MC1 = 28e1, MC2 = 112e2 where e, and ez are, respectively, the amount of pollution reduced by the first and... Industrial Tape Specialists is a subsidiary company of SA Tape , based in Randburg South Africa , that manufactures Gaffer tapes and duct tapes. visit (one in Europe, one in Africa, and one in Asia) will most likely form a triangle. Do some research to find the distances between your cities, and calculate... Prove that (A - B) - ((-A - B) - B) using the semantic tableaux method There are 36 of them are students in a class and 15 of them are f e male .16 students enter the class and 6 of them are female o w many male students are in the class No . Date (b) Smart Kitchen sells and two different sets of dinger during this CoVID-19 pandemic . The choice of dime sets ale Sep A for 3-4 4 persons and Set B , the total revenue R (x y) and the to... please help assignment 3 question 9. Given the following 10-digit mini-IEEE floating point representation 1 0000 00001 What is the corresponding decimal value? Note: You must give the EXACT answer... D efinissez des v.a. X et Y qui sont normales (individuellement) mais telles que (X, Y) n'est pas un vecteur Gaussien. Est-ce que vos X et Y sont des v.a. non corr el'ees ? Est-ce qu'elles sont i... D Question 5 1 pts Compute the future value of an annuity in which quarterly payments (4 each year) of \$130 are made for 18 years at an annual rate of 3.2%. Round your answer to the nearest dollar. D ... A television game show offers contestants a chance to win cash by dropping a round disk into the top of a game board from position A to I. The disk falls through the maze to reach one of the nine s... college mathematics. Find the perimeter of the following triangle. Write your answer as a mixed number in simplest form. Be sure to include the correct unit in your answer, m ly NIm X Consider A \in R n x n, orthonormal. Now, consider the matrix A^{*} = [A, a nine to include the correct unit in your answer as a mixed number in simplest form. Be sure to include the correct unit in your answer. 1], where a 1 is the first column of A . What are the spark, mutual coherence, and RIP of A and A[~]? Berikut ini merupakan informasi pada PT Acc Taun 2020: Sediaan produk dalam proses, 31 Des 2020 50,500,000 Kos bahan baku 150,000,000 Kos tenaga kerj... John Mills—the proprietor of Mills Engine Company, a manufacturer of model airplane engines—finds that it takes x units of labor and y units of capital to produce f (x, y) units of the product,... In 5 poker, a royal flush? Make sure to include the drawing to help you're explanation please. 8) (5 points) Using a real-life context (brownies, etc.), explain why dividing both the numerator and denominator of - by 2 produces three models of MP3 players, models A, B, and C. Each model A machine requires 3.2 hours of electroni... Limit superior theorem. Theorem: 1. For any small & > 0, we can find an N such that $n > N = In < \lim supan + E. n-00 2$. For any small & > 0, there are an infinite number of terms of... Please answer neatly; allow n > 1 be an integer and $A = \{1, \ldots, n\}$, consider the graph with vertices V = P(A) & edges $E = \{\{S, T\} : |(S \setminus T) \cup (T \setminus S)| = 1\}$ 1. What are the degrees of t... No Date (a) ABC is a company that manufactures computer desk. The total costs (in Rm'ood) when x units of computer desk are produced is given by ? said C (X) = 12 *3 - 198*2 + 1080x Find the level o... Find the probability that a randomly chosen person takes public transit to work given that the person does not support the environmental bill. People Drive to work Walk to work Public Transit to work ... Please show all steps! Thank you very much!^^. Question 5 - 22 marks Let a < b and let f(x) be a continuously differentiable function on the interval [a, b]. (a)... *20. A county has two elementary schools, both of which have an after-school program for the con- venience of working parents. In school A, } of the children attend the after-school program; in school... 1.) How many pounds of 8-32-16 would you apply to your 20' by 40' vegetable garden to get the same rate as in number 1 (i.e. - how many pounds of 8-32-16 would you apply to your 20' by 40' vegetable garden to get the same rate as in number 1 (i.e. - how many pounds of 8-32-16 would you apply to your 20' by 40' vegetable garden to get the same rate as in number 1 (i.e. - how many pounds of 8-32-16 would you apply to your 20' by 40' vegetable garden to get the same rate as in number 1 (i.e. - how many pounds of 8-32-16 would you apply to your 20' by 40' vegetable garden to get the same rate as in number 1 (i.e. - how many pounds of 8-32-16 would you apply to your 20' by 40' vegetable garden to get the same rate as in number 1 (i.e. - how many pounds of 8-32-16 would you apply to your 20' by 40' vegetable garden to get the same rate as in number 1 (i.e. - how many pounds of 8-32-16 would you apply to your 20' by 40' vegetable garden to get the same rate as in number 1 (i.e. - how many pounds of 8-32-16 would you apply to your 20' by 40' vegetable garden to get the same rate as in number 1 (i.e. - how many pounds of 8-32-16 would you apply to your 20' by 40' vegetable garden to get the same rate as in number 1 (i.e. - how many pounds of 8-32-16 would you apply to your 20' by 40' vegetable garden to get the same rate as in number 1 (i.e. - how many pounds of 8-32-16 would you apply to your 20' by 40' vegetable garden to get the same rate as in number 1 (i.e. - how many pounds of 8-32-16 would you apply to your 20' by 40' vegetable garden to get the same rate as in number 1 (i.e. - how many pounds of 8-32-16 would you apply to your 20' by 40' vegetable garden to get the same rate as in number 1 (i.e. - how many pounds of 8-32-16 would you apply to your 20' by 40' vegetable garden to get the same rate as in number 1 (i.e. - how many pounds of 8-32-16 would you apply to your 20' by 40' vegetabl Thompson sampling always optimal?) 20 points Thompson sampling and UCB are two of the most popular algorithms for the multi-armed bandit problem. We have also seen evidence for their opt... Let X, Y be sets and f : X - Y be a function. Prove the following are equivalent: (a) For all A, B C X, we have f(AnB) = f(A) nf(B). (b) f is injective. Question Using the principal branch of the log function, the imaginary part of (1 + i)' is (a) In(v2) (b) v2 (c) e-#/4 In v2 (d) e-*/4 cos(In v2) (e) none of these Question 2 Recall that as discusse... If a dose of an antibiotic requires 4 cc for every 25 pound of body weight, find the correct dosage for a person who weighs 140 pounds. Step 4 Now, use the information in the table to evaluate the formula for standard deviation. Recall that the values of P(x) are given. X 0 1 2 P(X) 0.60 0.30 0.10 (x - 1) 2 0.25 0.25 2.25 Simplify an... Question 3 Solve 4x - 2 - 5(3x 32.8 Enter your answer as a reduced fraction (like 5/3 Enter your answer)). thanks alot!. (a) Use the Karush - Kuhn -Tucker conditions to find the optimal solution to the following nonlinear problem: Minimize f(x,,X2) = x, +... Monthy interest for june is \$205. Rate is 13.5%. What is the pricipal balance at the beginning of june? Use 360 days. Do not round denominator in calculation. Round to nearest cent. HVAC The R-value of blown fiberglass is 2.2 per inch of depth. The R-values of the two materials for 12 inches of blown-... How do we go about this?. 8. (a) Solve the wave equation in the infinite interval: Utt = 4uxx - 00 < x < 00, t>0 u(x, 0) = x2 ut (x, 0) = 0 (b) Compute u (1,-) John and Fred are both heading towards a fountain using two different paths. John walks West 14 m on the sidewalk then heads North to the fountain. Fred just takes the diagonal route which is 50m b... A forearm is flexed 28.8 degrees about the elbow in
0.712s. Given a forearm length of 35cm what is the angular velocity of the centre of mass of the forearm? If needed the centre of mass is locate... 2) (10 points) For the equation 1 = * 1- = ? : a) Write a simple word problem for the equation (using the meaning of multiplication as we have discussed it). b) Show and explain (with words!) how to s... Solve the following problems 1. In the number 84869, which digit is in the hundreds place 2. In the number 9765, what is the value of the digit 7? 3. Which number represe... random integer; a method generates and returns the two random points. You can add in more methods Upon executing of your program, the following output will be displayed on the monitor screen: Set 1 Gi... Assume now that the first principal component of x is cx = v'x where v is the optimal eigenvector. Also assume that the first principal component for y is cy = w'y, with optimal eigenvector w. Derive ... Given the polynomial below, what is the least possible degree? a. 4 b. 3 c. 5 Given the polynomial below, what is the sign of the least possible degree? a. 4 b. 3 c. 5 ready to purchase your first home. You find a house for sale for $1-x_1 - 2x - x^3 + 8xqx_1 + 6x_1x^3 + 8x_1x^2$ into the form myit may; - 4y3. and determine up and uz (see Section 1.18). Since the preliminary estimate for p is known, the formula for n is n = p(1 - p)(2c). Using the table below, the critical value for a confidence level of 99% is z = 2.58. Confidence Interval Critica... Please slove This question. For the following exercises, determine the limit (if it exists) by constructing a table of values for f(x) and examining left- and right-hand limits (where appropriate). 5 ... On the last page of this file you will find the Excel output for a multiple linear regression model. The management of Sunflower Carriage Ltd is planning to run down production and sales of two of its existing products, A and B. Sales of A in the month just ended were 8,400 units. It is planned to re... Answer the question. Show the correct comparisons to justify precision and accuracy. 5) Your true height is 70.4 inches. A tape measure that can be read to the nearest tenth of an inch gives your heig... Consider b E R" and A (Roxm. Is the set $C = \{x (R" : Ax = b\}$ convex? Directions: Read and analyze the problems below. Show all necessary solutions. 1. A rectangular garden in a backyard has an area of (9x]+12x - 11r + 2) sque meters. Its width is (3x - 1) meter. a. ... Question S (8 marks) The world record for automobile mileage was set in 2005 by PAC-CARII built by s the Federal Institute of Technology in Zurich. This little car with an empty weight and height of o... These are my personal exercise, not a school assignment. I do not get credit for this class. Since I don't have a production function, ?(?)=220?-1.5?2 where Y(L) is output and L is labor input. Assume that the production of this good occurs in a perfectly competitive market a... Based on statistics from a worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there were 34.8 million people worldwide health organization, in 2005 there n... please show steps on how to solve the problem. 4. We study a surface patch o(u, v) whose first fundamental form is du + du?, so o is an isometry from the plane to a surface S in 3-space. Let X = qu, Y... En un ejercicio de anualidades y amortizaciones tengo que calcular una deuda en mediante pagos bimestrales pero me dan el interés del 36% anual convertible a cuatrimestres. Come lo convierto a trimes... Mrs. Cruz wants to provide a PP 200,000 graduation gift for her daughter Trisha. She is now 16 years old, and she would like the fund to be available by the time she is 20. She decides to an inv... Week 4 - ALEKS Assessment 1 Question 8 of 20 (5 points) | Question Attempt: 1 of 1 Times... Remaining: 3:30:24 Pat V 2 V 3 V 4 = 6 = 7 C 8 9 10 11 12 13 Deshaun just bought a refrigerator for \$632. He paid... Juan dela Cruz's life can be extended throug... Derive a general formula for the recurrence on = mud + f (mom where f is a polynomial and 3 a constant. Lab #3 Close Date: Fri, Oct 8, 2021, 11:59 PM Question 4 of 10 Evaluate the following expressions: a. (3 + 4)- - 4 + 6 - 0 b. (3 x 4 - 5)< - 53 - O SAVE PROGRESS 16'C Mostly cloudy. Lab #3 Close Dat... Ajax Corporation has hired Brad O'Brien as its new president. Terms included the company's agreeing to pay retirement benefits of \$18,500 at the end of each semiannual period for 12 years. This will b... Question 4: (Bonus question) Assume that C is a closed convex cone in R" and consider the problem: min 7lly1/2 subject to r ty = z TEC. For mulate the dual problem and show that y is the projecti... (Mark) c) Use iteration method to guess an explicit formula for the recurrence relation below. Cn = 3cn-1 + 1 for all integers n 2 2 where initial condition, c1 = 1. (4 Marks) d) Determine whether th... Consider that an experiment gave three scalar data points y to be 3, 5, 8 at times t = 1, 2, 3 respectively. The experiment model is linear y = c + mt. Find the best line (parameters c, m) that fit... Please solve and show work. 2. Compute the (a) Voigt and (b) Reuss polycrystalline averages for the Young's modulus. The following linear systems Ax = b has x as the actual solution and x as an appropriate solution and x as the actual solution at t revoluciones de la rueda mayor. Hello Maths Heroes, please help me with this maths project. Thank you so much . Part B Background Contagious diseases come in many forms ranging from the common cold to smallpox. The study of these ... Use the feasible set shown to find the optimal value to maximize the objective function P = 12 x + 26 y Please pay attention to where the points lie and write out each possible scenario to get th.... Fill in the missing values to make the equations true. (a) log, 7 - log, 3 = log X 5 ? (b) log 7 + logs = log, 77 (c) log, 32 = log, 2 What is the octal value of the last day of February? commutative. L D E L D E mor D E L E L Is the system commutative? What can you say about the sign of the eigenvalues for the SLP -y"try = -ly, 0 < x < 1, y(0) = y(1) = 0. Given a connected graph 1"(V, E) with |V| > 2, prove that there are at least two vertices x, y such that subgraph on the vertex sets V— {x}, V— {y} are connected. A = { 5, 9, 14, 17 24, 43 } B={ A, 14, 17 } Is B a subset of B? How many members are in the powerset of B? Write out the powerset of B? Write out the powerset of B? How many members are in the powerset of B? How many members are in the powerset of B? How many members are in the powerset of B? How many members are in the powerset of B? Write out the powerset of B? How many members are in the powerset of
B? How many members are in the powerset of B? How many members are in the powerset of B? How many members are i the following word problems involving quadratic equations. (5pts cach) 1. The product of two numbers is 18 and their sum is 9. Find the numbers. 2. Mark and Ben can finish cleaning the b... (a) THE CARTESIAN COORDINATES OF THE POINT IN THE xy-PLANE ARE (x,y)=(-3.50m). find the polar coordinates of this point (magnitude and direction). (b) Convert (R, θ) = (5.00 m, 37.0?... MATH-1078 Business Mathematics GRASP Fall 2021. RED RIVER COLLEGE MATH-1078: G.R.A.S.P. Marketing Module 3 GOAL: To encourage students to apply learnings to a real-world scenario to illustrate the imp... 1. Sketch the graph of 5x - 2y < 20. Determine if (1, 5) is a solution of the inequality. 2. A furniture company makes tables and chairs. If x1 is the number of tables and x2 is the number of c... PLEASE ALL WORKING OUT!!!. Section 1 Part C A truck of mass 1820 kg is moving at a speed of 61 kmih. What is the 1irehicle's kinetic energy? Work in base SI units. State your answer in Id. Work wit... Find the limit of the sequence $\{xn\} \propto n=0 \text{ (provided it exists) defined over R where [10] } \sqrt{(a) xn} = n+1 - n \forall n \in N. \text{ (b)} xn+1=21(xn+x9) \forall n \in N.$ gratitude to anybody who has assisted me with this task, Ill try my best to explain the task in detail below. Below is the instructions of what shoul... What deposit, made today, will mature to \$3,680 after 3 months at 8.25% simple interest per month? Can you help me this question clearly hand writing step by step please. Question 1. If the point (5, 3) is on the graph of an even function, what other point must also be on this graph? Explain why. [... Solve the following system by Gaussian elimination: x 1 + x 2 + x 3 = 3 x 1 - x 2 + 3x 3 = 8. summary of the video. and how to use this strategy in the classroom. reference: Please provide Handwritten answer. r Ty RTw R V 2 (1) = 3 2s Iw Find all solutions of the given systems of equations and check your answer graphically. 2. Use Gauss-Jordan row reduction to solve the given systems of equation. We suggest doing some by hand, and o... Pls show working clearly. Section B: Communication 3. Identify which type of relation each of the following represents. How do you know? (4 marks) a) $y = 4 \times 2 + x - 1$ b) y = 3 (5x) c) y = 5x + 2 d) E. coli... Suppose that, for f: R2 -> R2, f(13]) = [4], f() = [3], and f([8]) = [12] (a) (4 points) Could f be linear? Justify your answer. (b) (4 points) Could f be linear? Justify your answer. (b) (4 points) Could f be linear? Justify your answer. (b) (4 points) Could f be linear? Justify your answer. (b) (4 points) Could f be linear? Justify your answer. (b) (5,6) $R = \{4, 5, 6\}$ and $C = \{4, 5, 6\}$ {k, t, y}} What is the cardinality of the Cartesian Product A x B x C O a, 36 O b. 16 O c. 12 O d. 8 Oe. 6 Of. N... How many ways are there to selected from a block of 58, 2 are selected from the remaining ... Quick response if possible please! Proposition 5. Suppose A has linearly independent rows. If the system Ax = b has exactly one solution, then that solution is a basic solution. Exercise 1) Throug... (25 marks) Use the Maximum Principle to solve the following dynamic optimization problem max {un } (1 + 24 - u;), 141 = 1 + 14, t = 0,1,2, 10 = 0, u ER, t = 0,1,2, cara menentukan asimtot. Uji Kompetensi 2.3 1. Tentukan dan gambarkan asimtot datar dan tegak untuk fungsi berikut, 13 a. f (x) = 5 x + 4 x + 6 2. Tentukan asimtot datar dan tegak untuk ... I'm in 7 grade. The graph shows a proportional relationship between the Tennis Balls total number of tennis balls and the number of cans. What does the point (2.6) represent in this situation? Number... Simplify using logarithmic laws then evaluate. Leave your final answer in fractional form. log3 (27. V81) + logs (125. 45) [31 ome Quiz (optional) Rer Which of the following integers are possible to represent using an 8-bit Bias-40 representation? (choose all correct answers) 74 61 -57 439 90 For first photo: Transform the following equations into Logarithmic form and vice versa for 2nd photo: Ben works as a salesperson in an electronics store. He is entitled to a 7% commission of his first \$10 000 of sales and 834% commission on sales above \$10 000. Find the commission earned this month if... If 10 % of the students in the Croker Elementary School who are eligible for free and reduced meals all choose to eat the school breakfast program, what income could be expected? 2. 2 - 4x = 0 Orcos $20 = 4 \sin 0$ Or $= 4 \sin 0$ Or $= 4 \cos 0$ Or $= 4 \cos 0$ Or $= 4 \cos 0$ QUESTION $3 \dots$ Evaluate the following sums a. Zi=071 b. Li=07i c. Li=07i iN d. Zi=oi Y min only!. 9. This graph does not look like a standard window on the graphing calculator. (A standard window specifications to ma... The volume limited by the paraboloid z=x^2+13y^2 and the plane z=3x.Calculate the value of 1000*V The range of the function y = f(x) is $\{y | y > = 2, y \in R\}$. Which of the following statements regarding the function f must always be true? a. The maximum value of f is 4. b. The gra... Please provide a proof for the following question - make sure to answer all parts (a and b). I will upvote!. A set A is closed under an operation * if a*be A for all a, be A. For example, Z is closed ... A class of 13 students takes a 20 items quiz of science 101. Their scores were as follows 11,11, 13,14,15,18,19,9,6,4,1,2,2 A radioactive isotope has a half -life of 2 days. If the mass of the substance is initially 24 g, how much will remain after 6 days? Show your work. Question 3 (4 points) A laboratory has 256 mg of ra... A survey of 40 students at Mathlete Academy found that 27 students play aports and 20 students 20 students play an... (£43) Use LAPLACE TRANSFORM to solve the differential equation 4 - (04y = 0 with initial dx condition y(0) = 1, y'(0) = y''(0)= y'''(0) = 0 for constant wvalue? Suppose an Air force jet is ... Question 16 Use the Venn diagram to determine the set or cardinality. n(U) - n(B) U B one % six 77 95 4 O 0 3 O {%, 77, 95} O 1%, @, &, 77, 95) Para U (x) = -1012 + 2600x-60000, determine la funcion utilidad marginal The following integral 1 1 x2 (1 - x)3 dx is equal to: 0 4) .a O W , 4) .b O B (, 3) .C O B (#, 3) .d O Question 1: The cone K C R" is defined as follows: K = {x E R" : 0 < x1 < x2 < ... < xn) Describe the polar cone K o. We consider the following initial value problem i = -201, I (0) =-3. (a) Find the exact solution to this initial value problem. contains 3 red and 2 black marbles. You select two marbles without replacement. What is the probability the marble you choose is black or the second marble you choose is black or the second marble string is attached to a particle B of mass λ m kg, where λ is a constant. Particle A is i... Please provide Handwritten answer. Let x = (X1, ..., Xn) ER". On R2, the norms $|Ix||_{-} = max \{Ixl, ..., |xml\}$, $Ixl|_{p} = (Er=, (x:[P)P. If 1 s p < co, are equivalent. Select one: O True O False Amy wants to display leaf specimens for a science fair. Amy has 30 leaves, which is 4 fewer than the total needed. Will the$ science display have a total of 44 leaves, 35 leaves, 34 leaves, or 26 leave... Q10. Find the vectors X = and y = are orthogonal. -3 K k = Preview My Answers A swallow-tail surface is obtained by linearly blending the following two boundary curves. Write the equation of the resultant surface and check whether it is developable surface or not? PI(u)=[0, -4u... Constructing Sample test Items. Identify the type of test format for each. Complete the table below.(10pts) Learning Type of test Sa... Subject Name: Mathematica. Q. N.2 Find the area of the region bounded by the two curves IT x = sin2y and x = cosay from y = to y = n Q. N.3 Find the volume of the solid generated from revovling the ar... Sir i am stuck for this question q2. Determine the following improper integral. Remin... Despite of the fact that the variables X ij of the Assignment Problem are binary (not continuous but integer, assuming only the value of 0 or 1), the assignment problem does not need to be solved b... URGENT PLEASE HELP SOLV THIS WILL GIVE GOOD RATING: Q1) FIND: an integer x satisfying the equation: $4x^21 \equiv 2 \pmod{5}$ OR show that NO such integer exists Q2) Let n be an even positive integ... Let #a(w) return the number of a's in string "w" and #b(w) return the number of b's in string "w". For instance, #a(abacc) = 2 and #b(abacc) = 2 and #b(w) return the number of b's in string "w". For instance, #a(abacc) = 2 and #b(w) return the number of b's in string "w". For instance, #a(abacc) = 2 and #b(w) return the number of b's in string "w". For instance, #a(abacc) = 2 and #b(w) return the number of b's in string "w". For instance, #a(abacc) = 2 and #b(w) return the number of b's in string "w". For instance, #a(abacc) = 2 and #b(w) return the number of b's in string "w". For instance, #a(abacc) = 2 and #b(w) return the number of b's in string "w". For instance, #a(abacc) = 2 and #b(w) return the number of b's in string "w". For instance, #a(abacc) = 2 and #b(w) return the number of b's in string "w". For instance, #a(abacc) = 2 and #b(w) return the number of b's in string "w". For instance, #a(abacc) = 2 and #b(w) return the number of b's in string "w". For instance, #a(abacc) = 2 and #b(w) return the number of b's in string "w". For instance, #a(abacc) = 2 and #b(w) return the number of b's in string "w". For instance, #a(abacc) = 2 and #b(w) return the number of b's in string "w". For instance, #a(abacc) = 2 and #b(w) return the number of b's in string "w". For instance, #a(abacc) = 2 and #b(w) return the number of b's in string "w". For instance, #a(abacc) = 2 and #b(w) return the number of b's in string "w". For instance, #a(abacc) = 2 and #b(w) return the number of b's in string "w". For instance, #a(abacc) = 2 and #b(w) return the
number of b's in string "w". For instance, #a(abacc) = 2 and #b(w) return the number of b's in string "w". For instance, #a(abacc) = 2 and #b(w) return the number of b's in string "w". For instance, #b(w) return the number of b's in string "w". For instance, #b(w) return the number of b's in string "w". For instance, #b(w) return the number of b's in string " v 2. If the set of vectors U spans a subspace S, then vectors can b... The table shows the average number of students in utilizing different kinds of phones(units), this 1st semester of the car is \$15,000 if the non-sale price p what is the percent discount on the sale? O a) 13% O b) 15% O C) 18% A o d) 20% O e) 22% applied statistics. 7. A recent national survey found that high school students watched an average (Mean) of 6.8 videos per month . A random sample of 100 college students watched an average (Mean) of 6.8 videos per month . A random sample of 100 college students watched an average (Mean) of 6.8 videos per month . A random sample of 100 college students watched an average (Mean) of 6.8 videos per month . A random sample of 100 college students watched an average (Mean) of 6.8 videos per month . A random sample of 100 college students watched an average (Mean) of 6.8 videos per month . A random sample of 100 college students watched an average (Mean) of 6.8 videos per month . A random sample of 100 college students watched an average (Mean) of 6.8 videos per month . A random sample of 100 college students watched an average (Mean) of 6.8 videos per month . A random sample of 100 college students watched an average (Mean) of 6.8 videos per month . A random sample of 100 college students watched an average (Mean) of 6.8 videos per month . A random sample of 100 college students watched an average (Mean) of 6.8 videos per month . A random sample of 100 college students watched an average (Mean) of 6.8 videos per month . A random sample of 100 college students watched an average (Mean) of 6.8 videos per month . A random sample of 100 college students watched an average (Mean) of 6.8 videos per month . A random sample of 100 college students watched an average (Mean) of 6.8 videos per month . A random sample of 100 college students watched an average (Mean) of 6.8 videos per month . A random sample of 100 college students watched an average (Mean) of 6.8 videos per month . A random sample of 100 college students watched an average (Mean) of 6.8 videos per month . A random sample of 100 college students watched an average (Mean) of 6.8 videos per month . A random sample of 100 college students watched an averag X + northeastern instructure. com/courses/92915/quizzes/375177/Lake/preview=1 D X Accessibility Report Settings Upload Choose a File D Question 2 10 p... pahelp pls. 4(x) = x 2 - 3 x + 2 3 . x 2 - 6 x + 5 Os dados a seguir fornecem o preço de venda, pés quadrados, número de quartos e a idade de casas que foram vendidas em um bairro nos últimos seis meses. Ache o melhor modelo de regressão para p... What are the answers to these questions for homework 9?. Please type the explanations and answers so I can read and understand them. Thank you for your help. . . 1. Given, set A = {1, 3, 6}, set B ... show solution. 23. How many plastics of sugar can be made out of 265 2 1 kg of sugar if each plastic would contain 2 1 kg ? 2 a. 267 kg b. 118 1 kg C. 106 4 4 1 kg ? Demonstrate that the result of the t-th E-step of the EM algorithm, based on the lower bound given above, is given by the following expressions: 1-1 qin (12 = j) = t-1 for: i, j = 0 or 1 t-1 + 0il t-1... Please no need for explanation, kindly choose the correct answers only. I have limited time for answering the questions to percents. 1.32 0.02 25. 0.013 3. 0.8 Change the tollowing fractions to percents. 1.9 20. 10 NITA onvert the following fractions to percent. ratios to percents. 26... Find the value of n. 36100 0 = 150 0 n C 1 + 0. 5426 %.) 0. 5426 %.) 0. 5426 %.) 0. 5426 %.) 0. 5426 %.) 0. 5426 %.) 0. 5426 %.) 0. 5426 %.) 10 xAIZA [(x'1)Id -> (('x)Id] AxEV ('x) I... What is the value of the digit 3 in 0.39? A. thirty B. three C. three tenths D. three hundredths I don't know what to do. BIG IDEAS MATH Kenvaunte' Patterson #29 i Write the phrase as an expression... Question 3 (8 marks) The water in the tank in FIG. Q3 is pressurised by air, and the pressure is meas multifluid manometer. FIG. Q3 Oil Air T2 Water Mercury Convert (24.32), to base 10 and from there to base 4 Result in base 10 Give exact value (either Result in base 10 Give exact value (either Result in base 10 Give exact value (either Result in base 4 Result in base 4 Result in base 10 Give exact value (either Result in base 10 Give bersudut tegak. G D Diberi AB = 1 cm dan DC = 8 cm, hitung i. Perimeter, dalam c... In this problem, we explore the effect on the standard deviation of adding the same constant to each data set. 14, 7, 5, 14, 17 (a) Use the defining fo... pleas answer the question below. The diagram shows two parallel lines cut by a transversal. One angle measure is shown. 54 Find the value of A Find the value of C. Find the value of G. Find the value of A Find the value of C. Find the value of A Find the value of A Find the value of C. Find the value of C. Find the value of C. Find the value of A Find the value of C. Find the value of C. Find the value of A Find the value of C. Find the value of A Find the value of C. Find the value of C complete solution. 1. A paint supplier mixes a particular shade of green by using 3 parts, blue to 2 parts ye... Could you please help with the geometric series calculation? I do not need the PMT function part. i only need help with this question? I do not need the PMT function part. i only need help with this question? I do not need the PMT function part. 0 b. (cos 2y - ... business mathematics. Question 1 (1 point) : Saved You purchased two items for a total of \$70.56. The first item is GST exempt and it represents 25% of the total purchase price. Assuming that you live ... Please Help!!. 1- (a) Let X1 and X2 be independent -nonconstant- rv's with E(X1) = E(X2) = 0 and for i = 1, 2 E(X2) = A; E(X3) = Bi E(X4) = Ci. Let Z = X1 + X2. Show that E(Z2) = Al + A2 and E(Z3) = ... Please show all solution steps. . 0 1/3 Consider the bivariate X, such that Xt - X-1 = Z: + Xt-1 with $\$ = (1/3 \ 0 \ ... Explain your answer.$ Suppose you need to design a subway system. In the graph below, vertices represent subway stations, while edges represent rail lines connecting those stations. Do ALL of the foll... Asap Please . (i) Stillring University is offering a series of eight workshops to ten local schools; each school is invited to take part in at most three workshops. The workshops will take place in ... Asia Auto Parts borrowed P80,000 at 9% simple interest rate for 5 years to enhance its display area. Find the interest and the maturity value of the loan. 2. Bart's Sound Shack borrowed P400,00... Coding Theorem: 2.7 Show that the number of inequivalent binary codes of length n and containing just two codewords is n. I want handwritten and scanned image. Evaluate the following integral: IT /2 (8 + 4 cos x) dx Jo (a) analytically; (b) a single application of the trapezoidal... Suppose P(E) = 81%; P(E and F) = 9%; and P(G or H) = 3/4. Find P(... how much should be invested in a trust fund for a 5year old child so that at age 16 the child will receive \$22,000.00, at the annual interest rate of 6% compounded semi annually Development of the NCTT. Nelson concluded that there a... A skydiver jumps out of a plane that's 50,000 feet above the ground. How high is she after 20 seconds After 25 seconds After 25 seconds After 20 seconds After 25 seconds After 25 seconds After 20 seconds After 26 seconds After 2 represented on the abacus. HHH The number on the abacus is Pertanyaan; V adalah himpunan semua fungsi-fungsi real dari satu variabel. Didefenisikan penjumlahan (f + g)(x) = f(x) + g(x) dan perkalian skalar (Xf)(x) = > f(x) untuk setiap f, ge V ser... Draw a graph with the given characteristics The graph has four odd vertices Choose the correct answer below. O A. O B. B A B A C D C D O C. O D. A B A C B D O E. Such a graph is not possible how to solve question C? thx so much. E 3. The following table shows the solubility of substance X in water at different temperatures. Temperatures of water ro 20 60 100 Amount of substance X that diss... Melvin Indecision has difficulty deciding whether to put his
savings in Mystic Bank or Four Rivers Bank. Mystic offers 20% interest compounded semiannually. Four Rivers of the geometric sequence 8,16,32,64? I need help. A woman deposits \$10,000 at the end of each year for 9 years in an account paying 6% interest compounded annually. (a) Find the final amount she will have on deposit. (b) Her brother-in-l... Use induction to show that any natural number $n \ge k$ can be written as n = 3a + 8b + 12c i need help with this.. (5 marks) Show and explain your work. Draw box(es) around your final answer(s). Use algebraic methods unless otherwise stated A wardrobe is 202.8 cm tall, 96.0 cm wide, and 73... please show all working. Factorise the following three expressions as fully as possible a) 3x + 15x b) 6x - 18x - 9 () 3x - 12x - 4x - 16 Jim has 3/5 of a yard of string which he wishes to cut into pieces each a 1/15 of a yard long. How many pieces will he have? 6. 38 [42+(-61)] + (-15) = PLSSHOW SOLUTION SO I CAN UNDERSTAND. For items 14 and 15, refer to the situation below. Gold-198 has a half-life of 2.7 days with a 96 g sample of gold-198. 14. Give an exponential function that ... Find the value of the test statistic in this test. (Round your answer to two decimal places.). Lipids provide much of the dietary energy in the bodies of infants and young children. There is a grow... Let fix) I $2 \times 2 - 4p$ + (p2 + 3p + 2), p and x E R. If the roots of equation fix] I D are of opposite Sign, then number of possible integral values of p is equal to - Consider the given set and make your partition. S = {1, 2, 3, 4, 5, 6, 7, 8, 9} Submit your answer after. 3 sets of partition name them A, B, and C. 15pts. Please provide Handwritten answer. OO = -1)(41 + 1) (21 - 1)! P2(a), -1<x<1. 1=0 2(21)!. Expand the Dirac delta function o(x) in a series of Legendre polynomials using the interval -1 s x \$1. #2 Decide whether each fraction i. ids. If we will have to compare, usually seen in iles Answer: 8.2 This answer has not been graded yet. Viewing Savec Work Revert to Last Response 2. [-/0.5 Points] D... (20 points) Consider the vote count for the hypothetical election results shown below. Candidate B 75 votes Candidate B 75 vo recuerde simplificar al máximo el resultado: , calcule , calcule. + ze" +Z 3(x+ y) =y If (x, y) is a solution to the equation above and y # 0, what is the ratio - ? that's only. Activity 2: ADDITIONAL ACTIVITIES Two of your classmates, Juan and Pedro, are arguing. Each one claims that His argument is valid and the argument of the other is not. They called your at... Please provide Handwritten answer. 2. Let o(x) = [x] for re [-7, 7]. (a) Find the Fourier series for o(x). (b) If we approximate the function o(x) by f (x) = -do + ai coser + bi sin x + 2 cos 2x + b2 ... Help. 9. Starting with the generic linear system of ODEs, du dt = Au , u(to) = Ho show how to adapt the backward Euler method to develop a numerical solution to this system. Steffie's Stationary Services can produce cards and tablets. The daily production possibilities for the two products are Steffie's Stationary Services 2... Time Attemp A school has 100 windows. On a cool 0 Min day, 95 of the windows were closed. Which decimal represents how many of the windows were open? A 0.05 C 0.50 B 0.5 D 0.95 O A. 0.05 C 0.50 B 0.5 D 0.50 B that will require some renovations. You will have a \$350,000 mortgage for 30 years at t... Your diet must provide minimum amounts of the following items: calories, calcium, vitamin A, riboflavin, and ascorbic acid. Your daily requirement for these items (in the above order) may be determine... Please provide Handwritten answer. Let F be an arbitrary field. An element b E FX is called totally positive if it is positive with respect to all orderings P on F. ... let a = -3 : f j - 2 k ; 6 c - 11 ; +9 k and c = 6; 7k Compute ax (6xc) and (axb) XC The answer and explain. SISWA/I GENAP 1. Nilai x yang memenuhi cos 5x-cos 3x = 0 For which interval(s) is the inequality x-3 > 6 true ? x-2 a) -0 < x < 0 or 2 < x < 5 b) 0 < x < 5 c) x < 0 or x > 5 d) 0 < x < 2 or x > 5 Find the Laurent's series expansion for f (z) = (z-1)(z+2) (2+1) (2+1) (2+2) (2+1) (2+2) (2+1) (2+2) (2+1) (2+2) (2+1) (2+2) (2+ form.) Round your answer to the nearest tenth. Round dollar amounts to the nearest cent. 12 seedless watermelons cost \$22.80. How many watermelons cost \$22.80. How many watermelons can you buy for \$5.70? Pls kindly just select the right answers, no need for explanation. I'm time limited. Save For a 17)5 5 at 2 - 1 / 125 Q - 1 6 - 6 / 7 0 5 (@ 4 Simplify 216 by 12 0 3 6 (@) /4 3 2 \$ what is q . 9 W kindly solve it as soon as possible. (20 pts) Prove that any f: {-1,+1} - {-1,+1} has at most one Fourier coefficient with magnitude exceeding 1/2. business mathematics. A retailer returned 2700 defecti... Application of 1st Order, 1st Degree: Decomposition and Growth Bacteria in a certain culture increase at the rate proportional to the number of bacteria present. If the original number increase at the rate proportional to the number of f(x) = (4x - 7)(x + 6) at (2,8). The equation of the line tangent to the graph of f(x) = (4x - 7)(x ... Sir i am stuck for this question . 4. [1.67/2 Points] DETAILS PREVIOUS ANSWERS JMODD8 1.2.007. Using the symbolic fo... Convert the following numbers into scientific notation: 1) 923 = 2) 0.00425 = 3) 4523000 = 4) 0.94300 = 5) 6750 = 6) 92.03 = 7) 7.80 = 8) 0.00000032 = Convert the following numbers in... Choose the numbers in... Choose the numbers in... Choose the numbers in... Choose the numbers in $\sqrt{-4}$ U $\pi \sqrt{-4}$ Homework Problems: Problem 1. Use residues to calcluate the Cauchy Principal Value of each of the following integrals dx dx .OO dx (a) da; (b) (x2 + 1)2 dax; (c) dx. x2 + 1 - 00 x2 + 2x + 2 The winter occupancy rate is 13% higher than in winter. Can you help me this question clearly hand writing step by step please. Question 4. Find all solutions of the equation cos(2x) - . 3. Let's define CDF (U; P) = p (v) dv. Assume for now that v is not equal to any of the vj. Can you explain why CDF (v; p) is the probability that, given a random uniformly drawn patient, that the... Question 5: Verilog Short Answer (7 Marks) What are the bits in S after the following assignment? (1 mark) reg [6:0] 5 = 42; Create an instance of module myModule (output Z, input X, input Y); called... Let $M=2\cdot3\cdot5\cdot7+11\cdot13\cdot17\cdot19$. Without multiplying, show that none of the terms For each series find the term required and the sum of the terms. 2 + 6 + 18 + 54 + 6th term [2] 39 5 + 20 + 80 + 320 + 8th term S9 [2] Write each series using sigma notation an... Help needed with this graph. Graph: + 1 5 -4 -3 -0 4 Clear All Draw: Question 12 Consider the following Binomial Experiment: The probability that a cell phone manufactured at Electronics Unlimited is defective is 0.12. If a sample of 8 cell phone is selected at
random... You are a fund manager in ABC asset management and you wish to invest in two different funds. Fund A is a stock fund and fund B is comprised of long-term government and corporate bond. The expected... 1 hou Coment attribution QUESTION 7 . 1 POINT Billy has \$50 in his savings account and saves \$5 each additional month. Write an equation to model this situation. Provide your answer below: y Content a.... Consider the following linear program: 3r1 + 12 4 min {{1 - 3×2} subject to 201 - 512 IV IVIA 3 Convert this linear program into standard maximization form. Give the matrices c, x, A, b. I have 30 min to solve this ??. Question Completion Status: QUESTION 9 1 points Save A patient with an esophagostomy tube must receive 200 kcal daily. A 12-oz can of the prescribed diet has 1200... Solve 1 and 2 please!!. PART D: THINKING (Show all your work and calculations.) 1. Solve for x. Final answer to 2 decimal places 25(125)"?= (625)- [4] 2. Solve the system of equations for x and y... 4, Cobb-Douglas Model: A cellular phone company has the following productivity «.3 0.7 y function p(x,y) = 60): , where x = units of labor and y = units of capital. Find (report each answer to the ne... The elements are included without there being a previously specified or known probability that they will be incorporated into the sample. which answer is correct (type of sampling): random, systematic... What is the law of large numbers? As the sample size decreases, the relative frequency of outcomes gets closer to the theoretical probability of the outcome, O As the sample size increases, the relative frequency of outcomes gets closer to the theoretical probability of the outcome, O As the sample size increases, the relative frequency of outcomes gets closer to the theoretical probability of the outcome, O As the sample size increases, the relative frequency of outcomes gets closer to the theoretical probability of the outcome, O As the sample size increases, the relative frequency of outcomes gets closer to the theoretical probability of the outcome, O As the sample size increases, the relative frequency of outcomes gets closer to the theoretical probability of the outcome, O As the sample size increases, the relative frequency of outcomes gets closer to the theoretical probability of the outcome, O As the sample size increases, the relative frequency of outcomes gets closer to the theoretical probability of the outcome, O As the sample size increases, the relative frequency of outcomes gets closer to the theoretical probability of the outcome, O As the sample size increases, the relative frequency of outcomes gets closer to the theoretical probability of the outcome, O As the sample size increases, the relative frequency of outcomes gets closer to the theoretical probability of the outcome, O As the sample size increases, the relative frequency of outcome, O As the sample size increases, the relative frequency of outcome, O As the sample size increases, the relative frequency of outcome, O As the sample size increases, the relative frequency of outcome, O As the sample size increases, the relative frequency of outcome, O As the sample size increases, the relative frequency of outcome, O As the sample size increases, the relative frequency of outcome, O As the sample size increases, the relative frequency of outcome, O As the sample size increases, the relative frequency of outcome, O As the sample size increases, the relative frequ random sample of ten dongles was taken, an... Use RPM to multiply 15H 23] 2. Write 124 as a sum of powers of 2 3 Is 25,35? divisible by 9 ? 4. Calculate: 5. Find absolute and relative error in writing 6. Give the ECG of 45 8: ES a} 90 DIV 12 I... Make a shopping list that includes the total ingredients necessary for Davonna and Jerry's cookies. Davonna needs: 2 ½ c butter 5 c sugar 10 eggs 7 1/2 tsp vanilla 6 1/4 c flour 11 1/4 tsp salt 12 ... Please help me to create a roller coaster that using all functions listed above. The starting and ending must be horizontal and 5m above the ground and can be 10-15 meters long to load people.. Contex... Evaporación Experimentos indican que una sustancia porosa húmeda a la intemperie pierde su humedad. Si una sábana tendida en el exterior pierde la ... In this question, you are asked to comment on a student's incorrect attempt at answering the question detailed below. (a) The student has made a mistake in both parts of their attempt Identify these ... Please explain how to do this The number of "big box" retail stores has increased nationwide in recent years. The following table shows the number of existing big box retail stores and the median home... 5) (4 points) If you are told the population of a country is 3,500,000 what would you expect are the range of possibilities are for what the exact population is. Explain why your answer is mathematica... Given y'=0.5.. y(0)=1. y(0.1)= 1.0025, v(0.2)=1.0101. y(0.3) = 1.0228.Obtain the value of v(0.4) using Adam's Bashforth fomula. One serving of SnackOs is WIN of a cup. Jane wants to eat , of a serving of SnackOs. What fraction of a cup of SnackOs should Jane eat? a. Make math drawings to help you solve this problem. Explai... Hi, I need help with this assignment please. Divide Using Area Models 75 75 + 5 = ? -50 25 ?? 27 -27 5 0 25 87 : 3 = -25 ? O ?? 87 60 3 umZO 27 15 29 (10 points) Evaluate SJ, F. dS, where F (x, y, z) = (y2, z2, x2) and S is the surface defined by z = 1 - y2 for 0 < x < 2, 0 < y < 1, with upward orientation. Sebuah pesta reuni dihadiri oleh 101 pasangalumni yang datang bersama, serta 100 alumniyang datang sendiri. Semua hadirin di pestatersebut saling bersalaman dengan hadirin yanglainnya. Jika tiap alumn... Complete the proof of Theorem 1 (NAP) implies a > "r > 01'. Proof. Begin by noticing that if a" > u > til, then the safe asset's... The marginal cost function for a particular item produced by the Acme Roadrunner Roundup Corporation is given as C ((x) = 0.14 x 2 2 - .6 x 1 + 20, where x = number of units produced. a. Use a Ri... Help please.. 1. Determine the number of terms in each expansion (don't actually expand it) a) (X + 3/)11 b) (3a + b)16 c) (1-3x)9 2. Consider (x + y)15 a) Do the expansion b) What is true about... Question 13 Needs Grading The data in the fertil2 table were collected on a large sample (17 = 4361) of women living in the Republic of Botswana in 1988. The variable children, refers to the number of... Compute the Gross Profit Answer the given problem. 1. Annie bought one dozen smartphones for P200,000.00 with a discount of 5%. She sold half dozen at a price of P18,000.00 per unit. However, a new mo... The thickness of four parts is measured to the nearest thousandths of an inch. The values recorded are the numbers of the thousandths by which each part exceeds the minimum specification value 0.300 i... Please help answer the questions below by showing all work/processes. 1. State the y-intercepts of the quadratic function f... Decide whether the following partial order or not using directed graphs. If it is not a total order, give two elements that are not comparable. . (a, b) | a divides b, 2 < a &l... Teresa Granger is the manager of Chicago Cheese, which products. E-Z Spread Cheese is a product that has always been popular. The probability of sales,... Sir i am stuck for this question. Question no 5: Consider the following linear optimization problem Minimize f (X1, X2, X3) = 2×1 - X2 + 3×2 subjects to the constraints: X1 - 2×2 + 3×3 > 2 (1 + 2x... Page 204, #46 River Raft Adventures pays its manager, Kathryn Speers, a monthly salary of \$2880 plus a commission of 0.8% based on total monthly sales volume. In May, River Raft Adventures has total s... Please help me revise my way of answering this question ... I couldn't find any ways on how to revise my answer ... I already have my answer on question number 3: Question: Is there any difference ... 4.- Hallar AB n + 5n 25 2 a + b 2a A = 3m + 4m B a-b a + b 2 b 4 m + 3m Let X1, X2, X3, X4 be a random sample of size 4 from a gamma distribution with parameters a = 3 and B = 0, and let Y = Zi=1 a. Find the distribution of Y b. Is Y an unbiased estimator of 0. c. Find th... An oil barrel contains 5.9 gallons of oil are in the barrel? Round your answer to the nearest tenth. please answer the following question below. Triangle ABC is translated 5 write to the right and 4 units up to create triangle A'B'C. 26 G 60 C What h the menure of 2 Br 28 15 degrees A pharmaceutical company is testing their brand of Vitamins: A, B, and C. Each type of vitamin type ... Sir i am stuck for this question ... I have a progression that i need help with. it is a simple problem where you add the amount per bet on loss and decrease a little when win. I have a couple sm... QUESTION 9 . 1 POINT Ronald is taking a road trip. After 2 hours he has covered 90 miles and after 5 hours he has covered 225 miles. a. Write a linear model and b. use this model to predict the number... Directions: Identify 2 Math AT tools (low, mid, or high tech) that can support students with math disabilities? Then, post the link to each tool (or a link to where one could purchase the tools) Fi.... Given the following: [:J a] y = 33-3: C] b) y 2 3ng [3:33.23sz help me, please 2). Prove that if both y and z are solutions to x = /x, then for any cc, the function ary + ezz is also a solution to x - Ax. .. Question To Of 20 This question: 1 point(s) possible Determine a spanning tree for the graph to the right A B C D. F G K N Which of the following is a spanning tree for the graph? O Coding Theorem: Error correction code: 2.8 Show that A2(8, 5) =4 and that, up to equivalence, there is just one binary (8, 4, 5)-code. it cost Laura p18 to make a face mask, how many pieces of face shield can she make if the total amount of produc... For the statement below, write the statement symbolically using parentheses and determine whether it is a negation, conjunctional.
Statement: The bus is late if and only if it is n... We all dream of winning big money by going to a casino and continually playing what we t... Un árbol de acero St-42 se mecaniza con una velocidad de 25 m/min y 2 mm de avance para una profundidad de corte en Kw ?... How many ways are there to list 1, 2, 3, 4, 5, 6 in a row if 1 must not appear between 3 and 5? (not strictly between 3 and 5 like 324156, 321546, etc. also count as 1 being in between 3 and 5) Solve the systems of inequalities graphically, state if the feasible region is bounded or unbounded, and determine the corner points. $1.1 \ 3x - y \le 6 \ 3x + y \le 9 \ x, y \ge 0 \ 1.2 \ 3x - 6 \dots \#1$ D is degrees #3 segment DC is units long, #4 segment AD is long. 130 50" B 6 The percentage of movie advertising as a share of newspapers' total advertising revenue from 1995 to 2004 could be approximated by p(t) = -0.08t + 6.0 if $t \le 4 0.3t + 11.0$ if t ... A manufacturer knows that their items have a normally distributed lifespan, with a mean of 4.3 years, and standard deviation of 0.5 years. If you randomly purchase one item, what is the probability... Consider ten customers leaving a bookstore. The clerk in the bookstore says that they sold a total of five Perl programming books and three C programming books to these ten customers. You are also tol... Solve the following problem.. Prove the identity: n kc(n, k) = n! . 1 + + +... + - n k=1 A can repair shop specialises in exhaust pipe replacement. Every year it costs \$27,600 to rent the shop and maintain their equipment and \$60,000 to pay their employees. For every exhaust pipe replaced... Explain at least two strategies you use when you approach an application mathematics problem (or a word problem that has context). Include any key words that might you look for. Remember to respond to... Question 2: Consider the following linear optimization problem: max -: B1 +2332 -: 173 subject to 3:1 + \$2 + 33 S 10 23:1 - 3:2 2 - 4 3:, - 2 0, = 1,2,3. Q2.a Bring the problem to a standard form.... 24.11 Worldwide, glaucoma is the second leading cause of vision loss. High intraocular pressure (pressure inside the eye) almost always account has an annual interest rate of 6.8%, compounded semi-annually. They plan to deposit \$1400 into an account every?... We consider Jacobi iterations for the system of linear equations starting from the initial guess 7T x (0) = Do the Jacobi iterations converge to the solution of the system of linear equations? please assist. 1. Create a simulation to represent the following situations: a. At a horse track, Victory the Horse, has a 40% chance of winning the next 4 races. What is the probability of Victory th. Question 1 The population of your hometown can be modeled by the equation where t represents the number of years since 2000. What was the population of your hometown in 2000? By what percent di... company produced 1672 jeans in one day working two shifts. The second shift produced 50 jeans fewer than five-halves of the number of jeans produced by the first shift. Determine the number of jeans p... Show that 1+1/2+1/3+...+1/n =O(Inn) using approximation by integrals. 2) Construct a proof of the following argument. 5 1 NA ACP 1 (~R - E) - ~C 2 (H - G) VC 3 A v (E VR) 4 (~ G - ~ H) - ~ D A - $(C \cdot -D) \sim C \sim C$. $\sim D$ conj VAJ ($\sim C \cdot -D$ conj VAJ ($\sim C \cdot -D$) CP please zoom question 1 up to see x3 - 2×2 + x 2×2 - 5x - 3 lim 4 · x - 3 the x2 - 1 question x4 - 16 5 · clearly 2. ex - 1 lim X-2 x - 2 Vx+ 6 - x ex - ex lim 3 · lim 6 x - 3 evaluate the following Li... Example: A car is moving with an initial velocity of 5 rm s [W]. The car speeds up with a constant acceleration of 2 ms2 [W] for T s. The car then continues with a oonstant velocity for 4 s. a] ... I am struggling with these questions. Please help me, thank you so much! . 1. Create a function where you need to use both and quotient rule and chain rule in to take the deriva... Fill in the missing values to make the equations true. (a) log 3 + log 7 = log X 5 (b) log, 9 - log- = 10g7 (c) 1098 25 = log, 5 Un laboratorio de análisis químicos compra una centrífuga en 3,100 dólares que se pagarán de la siguiente manera:**1) sin enganche*2) 4 pagos quincenales iguales*3) 1,000 dólares que se pagarán de la siguiente manera:**1) sin enganche*2) 4 pagos quincenales iguales*3) 1,000 dólares que se pagarán de la siguiente manera:**1) sin enganche*2) 4 pagos quincenales iguales*3) 1,000 dólares que se pagarán de la siguiente manera:**1) sin enganche*2) 4 pagos quincenales iguales*3) 1,000 dólares que se pagarán de la siguiente manera:**1) sin enganche*2) 4 pagos quincenales iguales*3) 1,000 dólares que se pagarán de la siguiente manera:**1) sin enganche*2) 4 pagos quincenales iguales*3) 1,000 dólares que se pagarán de la siguiente manera:**1) sin enganche*2) 4 pagos quincenales iguales*3) 1,000 dólares que se pagarán de la siguiente manera:**1) sin enganche*2) 4 pagos quincenales iguales*3) 1,000 dólares que se pagarán de la siguiente manera:**1) sin enganche*2) 4 pagos quincenales iguales*3) 1,000 dólares que se pagarán de la siguiente manera:**1) sin enganche*2) 4 pagos quincenales iguales*3) 1,000 dólares que se pagarán de la siguiente manera:**1) sin enganche*2) 4 pagos quincenales iguales*3) 1,000 dólares que se pagarán de la siguiente manera:**1) sin enganche*2) 4 pagos quincenales iguales*3) 1,000 dólares que se pagarán de la siguiente manera:**1) sin enganche*2) 4 pagos quincenales iguales*3) 1,000 dólares que se pagarán de la siguiente manera:**1) sin enganche*2) 4 pagos quincenales iguales*3) 1,000 dólares que se pagarán de la siguiente manera:**1) sin enganche*2) 4 pagos quincenales iguales*3) 1,000 dólares que se pagarán de la siguiente manera:**1) sin enganche*3) 1,000 dólares que se pagarán de la siguiente manera:**1) sin enganche*3) 1,000 dólares que se pagarán de la siguiente manera:**1) 1,000 dólares que se pagarán de la siguiente manera:**1) 1,000 dólares que se pagarán de la siguiente manera:**1) 1,000 dólares que se pagarán de la siguiente maner TEACHER PRACTICE ANOTHER Car A started out with a full tank of gas (12 gallons) and traveled 262 miles before running o... Let A = (a) Find the solution of z'(t) = Bz, z(0) = zo. Hence sketch the phase portrait of z'(t) = Bz. (c) U... Maths. Question 3 [6 points] JenCo is offering its preferred customers a 25% discount on its most popular product normally listed at \$49.75 each. a) What is the net price of each product to JenCo's pr... Question 18 6 pt Food cost rate (FCR) is determined by dividing the cost of the food at purchase by the cost of the menu item to the customer. Price AP FCR - Price on menu This value represents the am... Cessna 172 is in steady altitude ascend. At the instant it reaches a pressure altitude of 1.8 statute miles, the vertical speed indicator measures the airplane's rate of climb at 6 knots. At the same ... On day one of a road trip, John uses exactly 10 gallons of gas, and on the second day, he uses exactly 17 gallons of gas. Every day after that, the amount of gas he uses is the average of what he used... please solve this question . Section 16.1 Follow-up Exercises For each of the following functions, (a) determine whether / is increasing at x - 1. Determine the values of x for which ... I need help. A. * Points: 0 of 1 save Find the interest rate needed for the sinking fund to reach the required amount. Assume that the compounding period is the same as the payment period. \$16,836 to ... Bob is buying a house. He is borrowing \$180,000 for 25 years at 4% compounded monthly. Find his monthly payment. For the remining question, using only the numbers 0, 1, 2, 3, 4, 5, 6, find the number of possibilities in each category. The number of odd three digit numbers. Compute the 3-year future value of a \$3,815 deposit into an account whose annual rate is 1.2% with continuous compounding. Linear inequalities come in one of the following basic forms: a < x < b x > a x < a or x > b Note: The "<" (less than) can be replaced with "<" (less than) can be replac an... You take Mrs. Daniels' itemized bill down to the sales floor and find the model of shades she purchased. You conclude that Mrs. Daniels' home must have large bathroom windows because the only size t... Your favorite team is in the World Series. that when teams win the championship, they win the first ga... The low temperature during a 5 day period were . -20 15 20 SOL WebAssign. NumberLine @Help Need Help? Read It Watch It 16. [-/0.72 Points] DETAILS LARMPMT1 8.3.033. 0/100 Submissions Used The low tem... in your own opinion, is mathematics invented or discovered? QUESTION 19.1 POINT Consider the number: 354,981,027 What digit is in the ten millions place? Provide your answer below: A cylindrical tank contains 829 liters of solute A per liter is pumped into the tank at a rate of 13 liters ... What are the critical topics you are still struggling with? How are you going to improve your knowledge in these topics prior to your final? After you have identified the essential topics, what would ... Part c question 1. 1. For what value of m will the polynomial $f(x) = 3 \times 3 + mx^2 - 5x + 1$ have the same remainder when it is divided by (x + 2) and by (x - 1)? (5 marks) Suppose the table gives the average price of a four-function calculator from 1972 to 1980. Years Calculator Cost Since 1972 (dollars) t C 0 150 1 132 2 110 3 85 4 62 5 42 6 27 7 17 8 10 Use logistic r... maximize :51 + 2:52 + 31:3 + 4:54 + 5 subject to the constraints, 4331 + 3:132 + 2113 + 3:132 + 2113 + 2:52 + 31:3 + 4:54 + 5Z 0,154 2 0- Convert the problem into ... Please see attachement. An object is acted on by two forces, 10 i + 3 j and 5 i - 3 j (with magnitudes in newtons). The object has an acceleration of 2 ms in the direction of the resultant force. What... Pls kindly choose ONLY the correct answers, no need for explanation. I'm time conscious thanks. I S in p 2 0. 57 -
Determine obtuse < P. 2 100 degrees) 35 degrees (@) 145 degrees so degrees 2 CO... Is it possible for the Fibonacci sequence to have negative numbers as the given first two terms? Evaluate without using a calculator (show your work - no marks will be given otherwise): log(2V128) + log27 V243 [KU /3] A statement is given below, and an erroneous proof is provided. Clearly state the fundamental error in the argument and explain why it is an error. (Note that the statement is false, but this is ir... please help. Question 2 be prison is The base of a prism is a right angle 10cm long 2.1 Complete the sketch by correctly filling in the dienen 2.2 Calculate the volume of the prism. Use the form I'm having trouble with a linear second-order recurrence relation for both the general and the particular: X(n) - 3X(n-1) + X(n-2) = 3 for n > 1 x(0) = 0, X(1) = 1.5 (10 points) Using the chip model, explain (use words!) why a negative number times a negative number will always give you a positive. 29:01 0/8 QUESTION 3.1 POINT Sally has been monitoring her weight. In 2016 she weighed 200.6 pounds and in 2017 she weighed 165.8 pounds. Calculate the absolute and relative change in Sally's weight f... I'm stuck on this question and I need help. X y -4 -3 y-intercept (b) -2 0 3 2 6 I need help. X y -4 -3 y-intercept (b) -2 0 3 2 6 I need help. Find the amount of each payment to be made into a sinking fund earning 7% compounded monthly to accumulate \$21,000 over 9 years. Payments are made at the end of each period. The payment s... Management of a large construction in underwood, Queensland is concerned about the amount of time the company's trucks are idle, waiting to be unloaded. Presently the site operates with 4 unloading ba... Can you assist with this question? Can you teach me? Progress: The movement of the progress bar may be uneven because questions can be worth more or less (including zero) depending on your answer. Identify the percent, amount, and base in this problem. ... can you help me solve this??. Activity 3.2: Do I Satisfy You? Directions: Determine whether the following points is a solution "- 2x - 3 or not. Justify your answer. 1. A (0,0) 6. F (3.6) 2. 8 (1... (a) This problem deals with the fooling argument to show that the language NPAL = { wl w is not a palindrome over the alphabet {0.1}}. Exhibit an infinite set of strings wi, Wa, ... W. ... and fo... According to Figure, which summarizes the values of the residuals after a regression of the number of teachers on total enrollment, what is the mean value of the residuals? 2. If the residuals? 4. If the residuals? 4. If the residuals? 4. If the residuals? 5% compounded semi annually. (1 mark) ii. Calculate the purchase price when the yield rate is 5% compounded semi annually. (1 mark) iii. Calculate the purchase price when the yield rate is 5% compounded semi annually. height is 15 (A lidless rectangular water tank made of zinc plates is 2 m long, 1.5 m broad and of length 10 cm is 48 cm. Fine 1 m high. (i) How many square metr... What is Fibonacci and what did he do? 2. Why did Fibonacci become famous? II. Given: Solve x(t) & y(t) (with x & y dimensionless, radians) IF dx/dt = $f(x,y,t) = \cos(x x) + \sin(xy) \& dy/dt = g(x,y,t) = \sin(x x) - \cos(my)$ With initial conditions at to = 0, $x(0) = \dots$ Juan collected data on the colours of cars passing his school for ten minutes each hour each day for five days. The data he collected is known as which of the following? Objective: The objective of this study was to determine which projects a hospital corporation could add to their portfolio for the next fiscal year while staying within a \$950,000 budget. The hospi... 2 18ft long hallways needs posters on each side that are 2 ft wide and 6 ft apart how many posters will i need Which is the best investment if the money in each case is invested for three years? a. \$5000 at 8%/a, compounded monthly b. \$5000 at 8.2%/a, compounded annually c. \$5000 at 8.1%/a, compounded semia... Write a formula for the function g(x) obtained when the graph of f(x)=|x| is shifted down 9 units and to the right 14 units. Hint: You have a choice of two ways to enter your absolute value... Due to COVID restrictions, final exams are currently administered online. For exams that do not use invigilation software there has been an increase in reports of potential collusion between students ... Let E be the 3 x 3 elementary matrix that encodes R1 <> R3, F be the 3 x 3 elementary matrix that encodes R1 <> R3, F be the 3 x 3 elementary matrix that encodes R2 -5R3 - R2. (a) [4 p... Please help me with 1-10 THANK YOU SO MUCH!. Sequence Tables Complete the missing information in the sequence table 1. 2. Dogs 1 2 3 4 5 Teachers 5 6 7 Legs 4 8 12 Students 95 114 133 Common Differenc... hello, I need help answering the following questions. B. Use the orthographic mats provided below to construct the solids. Draw the isometric views of the building when view from the front right corne... Determine la utilidad de una empresa que produce y vende 740 unidades de un artículo ascienden a \$84 mientra... Answer the question. 6. Think about currencies used in countries you are familiar with. What is the conversion fact between the two currencies? Give two more examples. One examples of 10-year-old girls are Normally distributed with mean $\mu = 54.8 \mu = 54.8$ numbers up.) Draw (or have a computer generate) a ... Let X={a,b,c} and Y={1,2}, list the elements in each set. 1) X × Y 2) Y × Y Probability Extra Credit: Problem 3 (1 point) A five-card poker hand is dealt at random from a standard 52-card deck. Note the total number of possible hands is C(52,5)=2,598,960. Find the probabiliti... Evaluate the algebraic expression. F Learning Task 2: A. Evaluate the algebraic expressions Let a = 4, b = -5, c = 0.6, x = -3, y = 0.4; z=3 Algebraic Expression Value 1. 3... A net in X is a function of the form f: A -> X where A is some directed set. A directed set is a non-empty set A together with a pre-order. Let X be a topological space. Prove that a subset A ?... Part 1 of 4 Points: 0 of 1 Four beneficiaries are to divide an estate of \$189,000 in the ratio w / - 4 How much should receive? 8 24 The first beneficiary should r such that 1 $f(x1, X2, 23) = (21\ 12\ 23)\ A\ 20\ 2\ (2)\ Find the eigenvalues of A. (3)\ Fi...\ Acme Nails made 55,672\ nails last year.$ The Jones Company? Solve at 22 0sxsl, with $u(x, 0) - \sin(3/x)$, Oxxs] and u(0,t) = u(1,t) = 0, Vr > 0 using Schmidt explicit method with h = k = 1 Compute for two 64 time levels. Please solve this math. Jerry Vong signed a two-year student loan of \$10,200.00 at 7.49% simple interest per annum. How much does Jerry owe at maturity? (Do not include the \$ sign in your answer.) 20|30 60 70 90 10 ian A Click Submit to complete this assessment. Question 10 Fill in the required information in the blanks below: A. Simple Interest: Formula | = P x R x T Principal Rate (%) Time Int... Show solutions, 2. A veterinary assistant's gross income per vear is \$27,461.00. After a raise, her gross vearly salary increases to \$28,284.83. What is the percentage increase in her raise? a. 1% b. ... Sketch the graph of the logarithmic function maximum value of f(6)? —«- d. What is the midline for ... Students also use arrays to find products of multi-digit multiplications. Partition each arr... Corinne's goal is to have \$32,500 to start a new cake decorating business when she retires in 15 years. How much should she invest now in a CD that pays 4.55% interest compounded quarterly to reach he... You are promised R10,000 a year for six years. If you can earn 8 percent annually, what is the present value of this stream of payments? 17) Consider the baby being weighed in Figure 4.25. (a) What is the mass of the child and basket if a scale reading of 103 N is observed? kg (b) What is the tension T in the cord ... COPY AND PASTE THE LINK and answer the all the questions given: there are 3 questions to please label and show your work. In a class of 180 students, 110 takes English, 88 takes Math, 65 takes French. 40 students take both English and Math, 38 students take Math only. Draw a Venn Diagram to show the number of edges e E E such that e has an endpoint at v. Further assume no edge e E E has equal initial and terminal points. Given v E V ... The fuel load in a large room consists of the polyurethane foam-filled sofas and chairs shown in the picture. The ceiling is sufficiently high, and there are no fire suppression systems. The peak HRR ... permintaan dan penawaran .2. Perhatikan skedul permintaan dan penawaran .2. Jumlah yang diminta ditawarkan konsumen (... Solve using the method of variation of parameters. Solve using the variation of parameters. Solve using the variation of parameters dBy/dx = 1/Sqr(1-cos-x) ¿cual es la diferencia entre un grafico, histograma y lineas de tendencias? We have a road network consisting of one-way streets. There are a few proposals for a new one-way road to be built. You want to vote for the proposal that would result in the shortest distance betwe... Please provide Handwritten answer. (b) ; .; Let A be a square matrix such that A2 - 7A + 81 =0 (where I and 0 are the identity and zero matrices, respectively). Show that det(A) # 0. Journal entries using memorandum ang journal entry method. Shareholder's equity the memorandum entry method.... 8973 njpg n-1 Rearc Coperson on othertied by to charter to lanis 10,000 ordinary urn at ... could you please help me with this and explain it?. Let U be a subspace of a vector space V. Among the statements below, enter "1" if the statement is always true and enter "0" if ... A manager assigns a task to a team of 5 workers. The team as a whole will be re-warded if the task is implemented. The task is implemented if and only if at least 3 workers exert efforts, which are equ... Patrick owns five Midas automotive repair shops . To keep track of each shop, he visits one shop every day. He suspects
that each shop is more productive when he is there as opposed to when he is not.... pls where does the frog land??? need asap plss. Lucas' frog is sitting at -2 on the number line. His frog hops 4 units to the right, 6 units to the right, 6 units to the right. Where does... The sum of 168 and the product a number raised to the 3rd power of 19? Two questions:. Using the below data, what was the average number of visits per member? * Table 1 - Member / State M1 / Illinois M2 / New York M3 / Georgia M4 / Illinois Table 2 - Member / State / Vis... The Kentucky Derby is rods b. The Kentucky Derby is fathoms. 2. If your car gets 2... grade 12 advanced function (rational function). 9) GIVEN THE FUNCTION y = axtb cxt d) 5 ON SHOW COHY, AS X 00, 4+2 6) SHOWO THAT THE GRAPH CAN NEVER CROSS ITS HORIZONTAL ASYMPTOTE Hello, I need help with these problems. 5. Let A be an invertible n x n-matrix and b be a vector in R". How many solution does Ax = b have? Explain why! N O -1 O 2 -1 O OO - 1 2 -1 O OO - 1 2 -1 O O 3 HOOO 6. ... 1147 260 mm 90 N A 40 mm 20 mm B 380 N 300 N 190 mm X D 100 mm E 180 N Four force-couple system at point A (point A is located at the o... Use the following information to answer written-response question I. The graphs of two functions, for) and g(). are shown below. Three new functions, j () k(r), and h(x), are defined by j (x) = (f. g... A 20-foot-tall telephone pole will be braced with a wire that extends from the top of the pole. How long will the wire need to be? Give answer to the neare... how to find slope intercept equation?. 37 Depreciation The value of a machine is expected to decrease at a linear rate over time. Two data points indicate that the value of the machine at = 0 (time of... Express the following statements using mathematical and logical operators, predicates, and quantifiers, where the domain consists of all integers: "The difference of two positive integers is not neces... (c) Eliminate the high salary of 250 thousand dollars. Make a new frequency table using the class boundaries Frequency 24 25 25 (d) Does the freque... Muchas de las personas que invierten en bolsa lo hacen para consequir beneficios rápidos, por ello el tiempo en que mantienen las acciones es relativamente breve. Preguntada una muestra de 40 inverso... the movement of the pingtest bor may be mover bessie sedlove serge worth me o Stephan owns a landscaping company Today, he is moving three lawns one is I of a ance one is . off maure andone is woes ho... (x + 15) V = x2 - 15 a) Find the domain of the function b) Find the intercepts Find the asymptotes Find the POSITIVE and NEGATIVE intervals .) Find the INCREASING and DECREASING intervals Find the end use 18,066,000. What was the population in 2005 if the growth rate was 2.51%? Round to the nearest whole person. Answer: (20 pts) Use induction (on the number of vertices) to prove that the chromatic number of a connected simple planar graph is no more than 6. A certain Corollary from Section 10.7 will be useful. area, surface and volume. teraidge the area of the three shapes. Ise the three shapes. Ise the three shapes. Ise the three shapes is no more than 6. A certain Corollary from Section 10.7 will be useful. area, surface and volume. - ar where n = 3,142 1.3 Area = [x b 1.4 Name the shape tha... please help with 2b dont mind if theres only process, need partial credits. 2. Suppose y(s) is a unit speed curve in 3-space. A surface S in 3-space is said to rectify (or straighten) the curve y when... matrices. 15. Records complied by the Admissions Office at a state university indicating the percentage of students who change their major each year are shown in the following transition matrix. Bus. ... Need some help with these questions, thanks! 1. 2. 3.. Consider a simple economy that produces only pies. The following transition matrix. Bus. ... Need some help with these questions, thanks! 1. 2. 3.. Consider a simple economy that produces only pies. types. It also shows how blood types determine who a person can donate blood to and receive from At At, AB+ At, A... Please help with this applied math question. Problem 1 In this MATH336 assignment problem, suppose (P) is a maximization LP, and has a feasible solution 3? with objective value 7. Let (D) be the du... (1) [~Ash 6.1.1] Give an example in which f is Riemann integrable on [0, 1] and a is increasing, but f fdo does not exist. Explain explicitly, in terms of Riemann-Stieltjes sums or upper/lower sums, w... I 2. Let P(ac) : x 23 Q(x) : x < 0 R(x) statement R(x) = (P(x) AQ(x)) is true. Explain briefly your a... Is the set R = { k such that |Wk| < k +1} an r.e. set? Is it recursive? Prove both. Please help me answer the questions. 1.4 Units & Conversions 41 Travel Time The road sign shows your distance to several nearby cities in m... Located in Kettle Falls, Washington, the Kettle Falls Generating Station began operation in 1983. The 47.0 MW power plant generates electricity via a Rankine steam cycle fueled by direct combustion... Search for at least 2 insurance company that can cater your needs. State your reason why you chose such insurance company. 2. Make a table of the insurance

using ordinary annuity and annuity due. Help me this question clearly step by step pls!. Question 2. Consider the function. (b) Find all 1... If E, F are independent events in a probability space (S,P), prove that 5,7 are independent. Under the same assumption on E, F, are the events E, F necessarily independent? Prove or disprove this. UGotPants makes blue jeans in two styles, boot cut and comfort fit. The boot-cut jeans take 20 minutes of sewing time, generating a profit of \$12, while the comfort fit ... what is the sequence of numbers left over?. -3,3, 15, 21. i sebutan ke - 3. Can you help me ?. Question 1 of 9 Lime Company sells helmets for \$19.10 each. Their administrative costs are \$44,000.00 per year, machinery maintenance costs are \$44,000.00 per year, machinery matchinery interval of -3x S x 3x ii. Find f(x) by using Fourier... college mathematics. Evaluate the following expression. [(11 + 37) + 8-3 x 2 A firm's products of capital and labour and show that they can be written respectively as aQ Q aQ ak = 0.5 K and... The number of people attending the yearly Ableton Show is rising by 5% per annum. In the first year under consideration,... Question 1 > 0/10 pts 9 100 @ Details Find the domain of the vector function T (t) = < t, vt + 5, \-4 -t > Domain: {t | Its Please provide Handwritten answer. And assume the missing information from your side.. 5. (PRACTICE WITH DIFFERENTIAL 1-FORMS) X2 2 0 1 2 3 CALCULATE the value of the 1-forms (=covectors) wl = dal, w2... A survey of 258 citizens found that 389 of them favor a new bill introduced by the city. We want to find a 95% confidence interval for the true proportion of the population who favor the bill. What is... Sir i am stuck for this question with complete explanation. The derivative is 9,3... Consider the function $f(x) = x^2 - 5$. (a) Use the Intermediate Value Theorem to find an interval of length one that contains a root of f(x). (b) Show that Newton's Method gives the iteration formula In+... Explicit function of initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the initial value problem. 7. Find the explicit function y(x) of the init given rate. \$4500 8% daily 3.5 years A. Find how much mone... Multiplications. This strategy works because of the distributive property of mu... Student Height in Centimeters Victor 132 Tim 142 Jackie 147 Jani 141 Bill 153 Ellen 147 Maureen 135 a) What is the mode of the students' heights? b) Correctly complete the stem-and-leaf plot by enteri... Question 4 (10 marks) Cognitive psychologists are examining the effect of visuospatial cueing on perceptual processing speed. They designed an experiment in which a square randomly appeared on either ... ure 4.14, 13. Suppose that $X = \{1, 2, 3, 4\}$ and level. $R = \{(1, 1), (2, 2), (3, 3), (4, 4), (1, 3), (1, 4), (2, 3), (2, 4), (3, 4)\}$. (a) Show that (X, R) is a partial order. (b) Draw the diagram for (X... Prove the identity: (6 marks) sin8x = 8 sinxcosxcos2xcos4x (Hint: Simplify the left side only.) For a given relation, is it always possible to have multiple candidate keys? Is there any way to check whether a relation has only one candidate keys? Justify your answe... Factor the following expression completely: $3z^2 - 25z + 28$. You need to first factor out a GCF and then use the trial and error method ... Need help. Bookmarks Profiles Tab Window Help X Course Home Course Home x (104) YouTube X + course html?courseld=16937143&OnenVellumHMAC-104702c5fde8eh778ce8dh7716hffe#10001 . . . Take a Test - Ma... Sir i am stuck for this question . 5. Show that the following strings have the indicated limit: 6. Determine a, b E R for which the function sz —> R, has limit in x0 = 0 For number (16-20) Describe which descriptive interpretation was probably used in each situation. Write for mean, for median, and for mode 16. The most common fear today is fear of... Consider a binominal model for a forward contract. The price of a one-year call option on the forward contract is 7.7935. The risk-neutral probability upward move is 1/3. The initial forward price is... Problem 3: Hermitian weighted inner product (., .) in C" is almost like in R", except that we require (x, y) = (y, x... how to make it out. In Exercises 79-82, find any asymptotes and relative extrema that may exist and use a graphing utility to graph the function. Hint: Some of the limits required in finding asymptote... Please provide Handwritten answer. A stationary random process has an autocorrelation function of Ry (T) = sint I a) Determine Rxx(t), where X (t) is the derivative of X(t) with respect to time. b) De... q1.1 question 1. Find A: for every positive integer i, i=1 where A, = [0, i + 1] that is, the set of real numbers x such that 0 < x < i+1 O a. [0, 1] Ob. [0, 2] O C.D O d. [1, 00) Oe. [0, 6... Porphyrin is a pigment in blood protoplasm and other body fluids that is significant in body energy and storage. Let x be a random variable that represents the number of milligrams of porphyrin per de... The city of Las Americas is dissatisfied with the private ambulance services. The city decided to purchase an ambulance operating contract and started operation of a municipal emergency medical s... years at 2.7% interest. can you please help me with this. 609 R Q 6cm 6cm EXERCISE 1 Calculate the size of 0 in each case: (1) A (2) 70 D 640 C The graph gives the volume of water, in litres, in a container at time t seconds after the water started to flow out of the container. 50 4o 30 Volume (litres) 20 10 0 10 20 30 40 50 60 Time (t secon... [-/0.88 Points] DETAILS LARMPMT1 7.4.010. 0/100 Submissions Used Complete the table. (Simplify your answers completely.) Fraction Decimal Percent 0.75 2/5 96% 0.009 27.5% Need Help? Read It The electrical power, P [in watts], transmitted by a steel shaft depends on the shaft diameter, d (in centimetres], according to the following table: d 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 P 11 27 52 90 14... thank you very much. 6. An average strike call is similar to a standard call option, except that it uses the average asset price over a predetermined averaging period as the strike price. Consider a 3... Sir i am stuck for this question . _ A radioactive substance has a decay constant of 0.02. We start with 50 grams and continuously add more at the rate of 4 grams per year. Let y(t) denote the number... Students were asked which among the following social media networks: Facebook (F), Twitter (T), and Instagram (I) they have an account with. The Venn Diagram shown reflects the result of the survey co... [12] 13. Write the expression as a single logarithm log $x+\log_3 y-5\log_2 [2]$ PHYSICS 102L. What is the density of a box that is 32.0 cm long, has a cross-sectional area of 7.00 cm2, and weighs 75.0g? Answer: Solve: $2\sin x+3\sin x+61=0i$ (radians) where [0, 27]. (5 marks) 4. Solve: $2\sin x+3\sin x+61=0i$ (radians) where [0, 27]. (5 marks) 4. Solve: $2\sin x+3\sin x+61=0i$ (radians) where [0, 27]. (5 marks) 4. Solve: $2\sin x+3\sin x+61=0i$ (radians) where [0, 27]. (5 marks) 4. Solve: $2\sin x+3\sin x+61=0i$ (radians) where [0, 27]. (5 marks) 4. Solve: $2\sin x+3\sin x+61=0i$ (radians) where [0, 27]. (5 marks) 4. Solve: $2\sin x+3\sin x+61=0i$ (radians) where [0, 27]. (5 marks) 4. Solve: $2\sin x+3\sin x+61=0i$ (radians) where [0, 27]. (5 marks) 4. Solve: $2\sin x+3\sin x+61=0i$ (radians) where [0, 27]. (5 marks) 4. Solve: $2\sin x+3\sin x+61=0i$ (radians) where [0, 27]. (5 marks) 4. Solve: $2\sin x+3\sin x+61=0i$ (radians) where [0, 27]. (5 marks) 4. Solve: $2\sin x+3\sin x+61=0i$ (radians) where [0, 27]. (5 marks) 4. Solve: $2\sin x+3\sin x+61=0i$ (radians) where [0, 27]. (5 marks) 4. Solve: $2\sin x+3\sin x+61=0i$ (radians) where [0, 27]. (5 marks) 4. Solve: $2\sin x+3\sin x+61=0i$ (radians) where [0, 27]. (5 marks) 4. Solve: $2\sin x+3\sin x+61=0i$ (radians) where [0, 27]. (5 marks) 4. Solve: $2\sin x+3\sin x+61=0i$ (radians) where [0, 27]. (5 marks) 4. Solve: $2\sin x+3\sin x+61=0i$ (radians) where [0, 27]. (5 marks) 4. Solve: $2\sin x+3\sin x+61=0i$ (radians) where [0, 27]. (5 marks) 4. Solve: $2\sin x+3\sin x+61=0i$ (radians)
(radi eigenvectors of the matrix A which correspond to the eigenvalues)1 = -1, 2 = 1, and 13 = 3, respectively, and let 2 -5 V = 9 Express v as a linear comb... Question One - On the Berlin Metro system, passengers still purchase tickets,... a. Graph the function f(t) = A Oct < T 0 otherwise b. Represent this function in terms of the Heaviside functions. c. Find the Fourier transforming the graph of y = I and show each transformation with individual graphs. What is the domain and range of this function? Complete the table below by finding the simple interest and the maturity Ikram borrowed RM 120 000 at 6% compounded monthly payments, how much should he pay on his 6 th payment to settl... A heavy brick and a small marble are resting on the ground. A small gust of wind initially blows southward on both objects. A few seconds later, a much larger gust of wind blows southward on the t... let $z \neq 0$, f(z) = (Re z) 2 / |z|, f(0)=1 solve that is it continuous at the origin? Can Anyone Send the Solutions for these 3 questions. Please... a) Let P2 (IR) be the vector space of all polynomials in x of degree at most 2 with real coefficients. Let M2 (R) be the vector space of ... If the radius of the cylinder is increased by 25%, then what is the change in its volumes. calculate using binomial expansion method answer the question. Given z, =3-4i and z, =1+ 5i. Express the following in standard form 2 + 2 2 12, 2 21 Show that z, Z2| = |z| |z| solve each system of linear equations using both method. 6x + 5y = 2x + 2y rite an equation for the line graphed below 6y 5 2 X - 6 - 5 - 4 - 3 - 2 - 1 1 2 W - 4 5 6 - 1 - 2 om the graphed below 6y 5 2 X - 6 - 5 - 4 - 3 - 2 - 1 1 2 W - 4 5 6 - 1 - 2 om the graphed below 6y 5 2 X - 6 - 5 - 4 - 3 - 2 - 1 1 2 W - 4 5 6 - 1 - 2 om the graph you can see that (-2, 0) and (0, 4) are two points on this line. Math. $6 \cdot 10$ is how many times as large as 2 - 10%? Choose 1 answer: 3 10 04 10 Integer linear programming model. - formulate sport schedule of matches that could help league organizers. 7 teams which all has its own home venue (teams: T1,T2,T3,T4,T5,T6,T7). The tournament... At a price of \$50 per bookshelf, producers will provide 135 bookshelves to the market. At a price of \$80 per bookshelf producers will provide 385 bookshelves. The consumers demand x bookshelves at a ... Compute P6,3 Step 1 Recall the Counting Rule for Permutations; the number of ways to arrange in order n distinct objects, taking n! them r at a time, is Phir = (n - r)! where n and r are whole numbers... The strain energy of the beam is given by slove. Problem #2: The strain energy of the beam is given by L 2 2 2 U=lj 13,4[f] +51 "if" 20 dx dx where no and Wu are horizontal (axia) and transvers... i need help on number 1-5. etermine, by applying Pythagoras' theorem, which of the folle jangles are right-angled and if so, which angle is the right an APQR with PQ = 15 cm, QR = 20 cm and PR = 25 cm... What is commutativity law of addition, and does 32 bit floating number satisfy. please explain in detail ? Question 11 < You want to buy a \$184,000 home. You plan to pay 10% as a down payment, and take out a 30-year loan at 3.4% for the rest. The bank requires 2 points at closing. (a) How much is the lo... Let T be a tree of order n. Prove that T is isomorphic to a subgraph of C n + 2 I do not know how to solve this question, please help me guys!!!. 5 8 Eight boys and two girls sit on a bench. Determine the number of possible arrangements, given that (a) the girls do not sit togeth... college mathematics. Order these fractions from least to greatest. 6 6 10 ' 11 ' 7 6 10 11 Sir i am stuck for this question need complete explaination with step. Exercise 3. Find all the complex solutions of the following polynomials. (a) 25 + 623 + 13z = 0, (b) 24 2 + 3i = 0. 5+i Jessica invests \$1,000 into each of the two accounts, A and B (her total investment is \$2,000). Both accounts pay 3% interest, but the account A compounds the interest yearly, while the Constant Function y = Linear Function y = x +Quadratic Function y = ___ (x - ___... Car count. You wonder how many cars there are in your area. You call up the Honda dealership and ask how many Hondas they've sold. They report that they've sold a account B comp... Type of Function and Values of Variables total of 10000 cars. You then take a ... My E, F, G, H is 5, 2, 4, 5 you have to replace those values.. Questions Using DESMDS, draw the graph of the following polynomial functions p(x), q[x),r{x},s... tackle. where ; denotes the entrepreneurial factor. Initially you suspect that only the FBI and the Russian have data on 23. Since you don't find it politically opportune to contact either of them at ... A Final answer needs to be submitted to the online test question response field. Use the logbook function to show your approach, work, any equations and the value of variables used to calculate your f... Please provide Handwritten answer. 1) Consider a function F(x) = e(*1 -*1+2*2 +4) Do one iteration of Newton's method if the initial guess is x0 = [1, -k] where k=n/20 How close is this result to the ... Don't get it. Can someone explain. A manufacturer knows that their items have a normallyr distributed length, with a mean of 19.? inches, and standard deviation of 6.3 inches. If one item is chosen at... (20 points) This is a similar type of problem to #2. Use the number: ... exercise 3.2, how to show that CBC MAC from 3.1 is not UF-CMA secure? Problem 3.2, 10 points. Show that the CBC MAC we studied is not UF-CMA secure if the domain contains messages of arbitrary length... Exercise 7: Directions: Find the Future Value and Present Value of an Annuity Due 1. Find the future value and present value of an Annuity Due 1. Find the future value and present value of an Annuity Due 1. Find the future value and present value of an Annuity Due 1. Find the future value and present value of an Annuity Due 1. Find the future value and present value of an Annuity Due 1. Find the future value and present value of an Annuity Due 1. Find the future value and present value of an Annuity Due 1. Find the future value and present value of an Annuity Due 1. Find the future value and present value of an Annuity Due 1. Find the future value and present value of an Annuity Due 1. Find the future value and present value of an Annuity Due 1. Find the future value and present value of an Annuity Due 1. Find the future value and present value of an Annuity Due 1. Find the future value and present value of an Annuity Due 1. Find the future value and present value of an Annuity Due 1. Find the future value and present value of an Annuity Due 1. Find the future value and present value of an Annuity Due 1. Find the future value and Present value of an Annuity Due 1. Find the future value and present value of an Annuity Due 1. Find the future value and present value of an Annuity Due 1. Find the future value and present value of an Annuity Due 1. Find the future value and present value of an Annuity Due 1. Find the future value and Present value of an Annuity Due 1. Find the future value and Present value of an Annuity Due 1. Find the future value and Present value of an Annuity Due 1. Find the future value and Present v proportionality the graph? cups of lemon juice cups of water Determine the correct check digit for the UPC : 6-53569-39973 -? (Scrabble) 2. Determine the correct check digit for the UPC of PH food prod: 4-808887-03001-? (purefoods corned beef) 4-800088-11... Please provide Handwritten answer. Advanced Math The figure shows the geometry of a boat formed by a base body elliptical and a semi-spherical cabin located on the deck. The specific mass of the mater... 1. Explain when a line or curve of best fit can not be used to make accurate predictions. 2. Which scenarios would ... ~ 1 hour 21/2 QUESTION 24 . 1 POINT A paper company sells paper for \$1.50 per package. They have an overhead cost of \$1800. Write an equation which depicts their situation. Provide your answer below: ... Michael Wittry has been investing in his Roth IRA retirement account for 18 years. Two years ago, his account was worth \$215,685. After losing 1/3 of its original value, it then gained 1/2 of its ne... Sir i am stuck for this question. Let F be a field. If f is a polynomial with coefficients in F that has no root in 1 point F, this information is enough to conclude that f is irreducible over F. O ... Problem 2 [20 points]. Ao, Al, ...; Am, m = 2021, are nonempty convex subsets of R2000, and Ao is a triangle (convex hull of 3 affinely independent vectors). Mark by T those of the statements below wh... Get It? Determine the total displacement of a dog that runs 15 m north. 6 m south, then 8 m north In a simple annuity, Select one: a. there are annual payments and quarterly compounding b. the interest conversion intervals equal the payments c. the interest conversion interval and payment inter... There are four distinct Fourier representations, each is applicable to a different class of signals. The four classes are defined by the periodicity properties of a signal and whether the signal is co... Consider the following Markov Chain: (a) Which states are recurrent, transient? Why? (b) Write down all the recurrent classes and specify the period for each class. 2. The coach of Br... any thoughts?. TWILL 12. Pick out the point and slope from the following equation. y = 7(x - 2)-7 Slope: Point While advanced modeling techniques can be quite powerful, they can be overkill. 1. Discuss scenarios where simpler might be better. 2. What information would you take into consideration when determ... From the number theory. Thank you. ... Promblem 1.. Prove that u(d) = 0 for every integer n > 1. dIn Problem 2. Prove that u(d) = 0 for every integer n > 1. dIn Problem 2. Prove that u(d) = 0 for every integer n > 1. dIn Problem 2. Prove that u(d) = 0 for every integer n > 1. dIn Problem 2. Prove that u(d) = 0 for every integer
n > 1. dIn Problem 2. Prove that u(d) = 0 for every positive integer n > 1. dIn Problem 2. Prove that u(d) = 0 for every integer n > 1. dIn Problem 2. Prove that u(d) = 0 for every integer n > 1. dIn Problem 2. Prove that u(d) = 0 for every positive integer n > 1. dIn Problem 2. Prove that u(d) = 0 for every integer n > 1. dIn Problem 2. Prove that u(d) = 0 for every integer n > 1. dIn Problem 2. Prove that u(d) = 0 for every positive integer n > 1. dIn Problem 2. Prove that u(d) = 0 for every integer n > 1. dIn Problem 2. Prove that u(d) = 0 for every positive integer n > 1. dIn Problem 2. Prove that u(d) = 0 for every positive integer n > 1. dIn Problem 2. Prove that u(d) = 0 for every positive integer n > 1. dIn Problem 2. Prove that u(d) = 0 for every positive integer n > 1. dIn Problem 2. Prove that u(d) = 0 for every positive integer n > 1. dIn Problem 2. Prove that u(d) = 0 for every positive integer n > 1. dIn Problem 2. Prove that u(d) = 0 for every positive integer n > 1. dIn Problem 2. Prove that u(d) = 0 for every positive integer n > 1. dIn Problem 2. Prove that u(d) = 0 for every positive integer n > 1. dIn Problem 3. Prove that u(d) = 0 for every positive integer n > 1. dIn Problem 3. Prove that u(d) = 0 for every positive integer n > 1. dIn Problem 3. Prove that u(d) = 0 for every positive integer u(d) = 0 for every positive integer u(d) = 0. Which of the following particles has almost no mass? proton electron . . neutron Question #8 Multiple Choice Joe has 3 marbles and gives 2 to his friend How much does he have left? Why is it that many Filipinos do not save or save very little? Research the top five external factors or barriers to saving. Your answers should be supported by recent data. Cite your sources for the ... Need end answers! No explanation needed!Please answer in an hour! Help Please! Chiz-E-pizza, a family owned pizzeria, is famous not only for its innovative flavors, but also for delivering incredibly ... Given the dataset as shown in the following table, we divide the age into three groups: young for ages <= 30, middle for ages in {31..60}, and old for ages >60. Similarly, we divide the income ... Get Graphing! For the following graphs please indicate: The type of function (as specified under the type of function being represented of a graph). The equat... Solve the following problem.. 8. In how many ways can you break off a rectangular piece of chocolate from a chocolate bar with 10 x 6 squares? You have to respect the structure of the chocolate bar, t... II (30 pts) Suppose an elastic bar has constant density, p, and Young's modulus, E, uniform cross section, and length L. The bar is initially at the rest and lying flat along the interval [0, L]. At t... ~ 1 hour 0/22 QUESTION 15.1 POINT Michigan averages 110, 032 births per year with a population of 10 million while Nebraska averages 25, 488 births per year with a population of 1.95 million. If Neb... Explain in detail. Which among these method is more accurate? O a. Euler's method O b. The 4th order of the Taylor's series O c. The 3'd order of the Taylor's series O d. The 20d order of the Taylor's... PLEASE ANSWER. THANKYOU. 6. On a cartesian plane or graphing paper, plot a graph of your data. 7. Plot the graph of your data \$29. If the fixed cost is \$252,136, how many bottles must be sold in order for the profit to b... Somar Fashions purchases T-shirts for \$22 less 28%. During a promotion, Somar Fashions sold the T-shirts at a reduced or sale price of \$17.25. Overhead expenses were 7 % of the regular sellin... a) Prove that $\forall n \in \mathbb{N}$, 11 | (102n+1+1). b) Prove that $\forall n \in N$, 11 | (102n - 1). c) Given a natural number n, we can write the decimal representation of n as... what was the purchase price of the property ?. e Left:0:55:54 Jaideep Tanwar: Attempt 1 Question 1 (1 point) Asim bought a cottage property near lake Huron for quarterly payments of \$2470.00 for 18 ye... As a part of traffic management measure, it is proposed to ban the heavy vehicle from a city street. It has been observed that the mean free speed is 60 km/hr. The percentage flow is 1200 veh/hr. per ... other math. For each item below, select Match or Error based on the product information in the computer. Great Value Vanilla Bean Ice Cream, 48 fl oz. \$297 Location A 16-7 Position boos 14 12 On hand ... this is the question. Question 8 (1 point)) Listen Your class has 5 male students and 45 female students. What fraction of the class are male? Express your answer as a fraction reduced to the lowest ... #1 Solve for x, given the equation $\sqrt{x+9} - 4 = 1$. A. x = 16, solution is not extraneous B. x = 16, solution is not extraneous C. x = 34, solution is not extraneous D. x = 34, solution is not extraneous ... Determine if each of the following arguments is valid, give a derivation; if it is invalid, show why (b) P-Q (DA-A).B -R (S-() (AVB -. G RV(PVC) -R QVS Show Intro/Instructions The total number of students in a community class is 70. Of these students, 40 are male and 30 are female. Round your decimal answers to 2 decimal places. a. Give the ratio of ... Sir i am stuck for this question only first 4 parts . (a) Let $U = \{1, 2, 3, 4, 5\}$, $B = \{1, 2, 4, 5\}$, $B = \{$ Question 5 ne 15 pts ouncements 5. Consider the following linear programming problem: abus Minimize: $C = 4 \times 1 + 5X2$ cussions subject to: $2 \times 1 + X2$ 2 1... Use a number line to visualize the following set: $S = \{n \in R \mid 5 < n < 10\}$ can you please help me. Part 3: Comparing wolinies: 3.1 3.1.1 What does it mean to talk about the 'volume" of the rectangular box (2) or cylindrical container? 3.1.2 Without doing any calculation... Answer the following question. 55 is 24% of what amount? Calculate the degrees of freedom and t -critical for a two-tailed t test for zero slope at $\alpha = 5.05$. (Round your answers to 2 decimal places.) t - critical Need help in the following . (c). It is well known that the rate of flow can be found by measuring the volume of blood that flows past a point in a given time period. The volume I of blood flow throu... The answer IS NOT 1423.92 so please give me another one. lomework Richard Gaziano is a manager for Health Care, Inc. Health Care, Inc. Health Care, Inc. Health Care, and FIT (by percentage method) from ... pls solve this as soon as possible. 4y (1.025) + y - 2y(1.05)2 = \$1,500 Thanks a lot. (1) (10 points) Let T = {(x, y) : x2 + y? = 1, y 2 0} be the upper half of the unit circle. Write down a parametric representation of the curve I, and compute the integral Jydr using the ... O Points: 0 of 1 Sa Consider the sequences given in the table below. Find the upper half of the unit circle. Write down a parametric representation of the curve I, and compute the integral Jydr using the ... O Points: 0 of 1 Sa Consider the sequences given in the table below. least number, n, such that the nith term of the geometric sequence is greater than the corresponding term in the arithmeti... An image for a wrap must be reduced to four fifths of its original size to fit inside a graphic. Find the length of the reduced image if the original was 6 3/4 inches long thank youu. 19. In the figure, H and M are the orthocentre and the circumcentre of ABC respectively. AHEF, BMH and CHD are straight lines. BG and CG are the tangents to the circle at B and C respective... Assume p and r are false and q is true. Find the truth value of the statement $\sim p \rightarrow (q \land r)$ 1. The polar coordinates of a point are r = 5.60 m and $? = 260^{\circ}$. What are the Cartesian coordinates of this point? x = m y = m 2... If the rectangular coordinates of a point are gi... Determine the center of mass of the figure. Consider disk C of brass ($\rho = 8.73 \text{ gr} / \text{cm}^3$) and is mounted on the steel B-shaft ($\rho = 7.85 \text{ gr} / \text{cm}^3$). 75 mm 75 mm 100 mm 200 mm. A Acero 150 mm B 125 mm... A town council has 9 members: 4 Democrats and 5 mm 200 mm. Republicans. A 3-person zoning committee is selected at random. What is the probability that all committee members are Republican? Show your work. Wr... 3 Generating functions to X1 + 2 + X3 + X4 = n where x1 is even X2 is odd, 0 < x3 < 5 and 3 < x4 < 7. What is the generating function of this s... Consider the following min-cost flow problem given in the figure below with a directed net- work over 5 nodes. Note that for each arc (i, j), we specify (Cij, uij) where caj is the cost of using un... Laboratory Math Dilutions You just diluted a patient specimen for a BUN assay. You performed the dilution by mixing 150.0 uL of serum and 300.0 uL DI water. When you assayed the diluted specimen, you ... What is an example of a situation from your professional or personal life that requires you to compare, understand, and make decisions based on quantitative comparison? Be sure to describe the types o... what will be the balance of the RRSP ?. e Left: 1:08:31 Jaideep Tanwar: Attempt 1 () 5842.06 days Question 3 (1 point) All deposits \$25 of his biweekly paycheck Into an RRSP that has an interest rate ... Note: I need to be typed and word to word your answer, not pasted from anywhere else.. Question 7: You do not have enough money to eat out or get groceries until payday 4 days from now. Each day consi... carl has 100 comic book. he wants to arrange the books in three piles so that the second pile has twice as many books as the first, and the third pile has twice as many books as the second. how many b... I Figure 4.21 shows a 5-unit. high, 3-unit-wide, and 2-unit-long box made out of blocks, Figures 8 through G of Figure 4.21 shows a 5-unit. natural group... I- Matrix Algebra- MAT 5303 ANM OE - Inkodo ? X - 1 25/25 -> ... HW Find inverse of the matrix 2 1 by partition method. I O Debbie and Isabelle plan to leave their houses at the same time, roller blade towards each other, and meet for lunch after 3 hours on the road. Debbie can maintain
a speed of 9.9 miles per hour, which... Solve for the Steady State Probabilities of the following methods: through Algebraic equations through Gauss-Jordan Elimination through Cramer's Rule. 5. Assume that a new style of denim jacket were i... QUESTION 1 (a) Use the Euler method with At = 1 to solve the equation it "y=ity+1, y(1) = 1 at t = 2 and t = 3. (5) (b) Use the fourth-order Taylor method with Ar = 0.1 to solve the differential ... Communication (8 marks) 1. True or False: $x^2 + 16x + 64$ is a perfect square trinomial 2. True or False: $x^2 + 16x + 64$ is not factorable 4. True or False: $x^2 + 16x +$ 7% payable in 24 months. He paid off the loan at the end of the fitteenth months. find the amount of ... PROBLEM SET 4: DIRECT PROOF Prove the following statements, directly, using the appropriate methods of proof: 1. If n is odd integer then n 2 is odd. 2. The square of an eve... I need help. Find the sum of each infinite geometric series, if it exists. 14. a = 4, 1 = 7 15. a = 14, r = 16. a = 12, r = -0.6 17. $a_r = 16$. a = 12, r = -0.6 17. $a_r = 18$, r = 0.6 18. $16 + 12 + 9 + \dots 19$. $-8 - 4 - 2 - \dots 20$. $12 - 18 \dots$ Suppose you are planning to purchased in multiples of 12 inches. How ... Please help with the following. Thank you. Question 11 6 pts A = { p. q. r, s} B = {r, t, v} A and B are subsets of S = { p, q, r, s, t, u, v, w}. Find A x B. Be sure to use the correct notation. Que... Please help with the following. Let X be a nonempty set where x 1 , ..., x n \in X are distinct points ($n \in N$) , and a 1 , ..., a 2 \in [0 , ∞) Let $A \in P(X)$, the ... 1) (10 points) Find the inverse matrix. (see Illustrations, # 1) 2 6) During intramurals the sports coordinator finds that, of its 175 students, 96 plays basketball, 86 plays sepak takraw. Also 33 plays basketball and volleyball and 60 plays sepak takraw. Completely answer the following questions in Parts 1-4. Be sure to show all of your work involved in any calcu... Question 12 < 0/10 pts 100 8 Detail Convert the point (x, y, z) = (-5, 3, 3) to cylindrical coordinates. Give answers either as expressions, or decimals to at least one decimal place, with positi... An airplane flies 150 kilometers from an airport in a direction of 260%. How far west of the airport is the airplane then? How far south? In navigation, directions are given in degrees measured clockw... Question 10 Use the following diagram to determine AD U FC A B C H G D F O AF AF OO-0 CD O CD O AF 81 please please do this right and help me . Standardize the given mini-IEEE floating point numbers. Note: Include all digits for the significand, including leading 1's or O's, as well as rightmost digi... Take a piece of ordinary paper, about 0.1 mm in thickness. Now start folding it in half, then in half again, and so on. Assume you could continue indefinitely. a. How would you model the growth in thi... A scholarship fund currently again, and so on. Assume you could continue indefinitely. has \$20,000 in it. It earns 4% interest every year and 10% of the fund is given in scholarships every year. Also, \$12,000 is added to the fund each year from contributions... need help in middle school midterm grade 7 math and reading At 7pm, a client's indwelling catheter is emptied of 1, 200 mL and a surgical drain is emptied of 75 mL. Calculate the Output from 7 am to 7 pm. mL Let (Y, X1, ..., Xp)T ~Np+1 (0, C). Prove that the regression plane, i.e., E(Y X1, ..., Xp)) - max. (over linear functions t) problem! This maximum is th... X Submit Exam 1 - Written portion x New Tab X + Ode977c7ae6b9e71082/MyFiles/Downloads/Math%201131%20AU2021%20Exam%20 leadership y = 3r'e - (a) Find all local extreme points. Use a sign diagram to evaluate whether local extreme points are a max/min or neither. (b) Find all inflections points. Be sure to use a sign diagram. (c) ..., B), F,; 0 s t < co} a vector of local martingales in .w. toe, { B, A (B,"), ..., B), F,; 0 s t < co} a vector of local martingales in .w. toe, { B, A (B,"), ..., B), F,; 0 s t < co} a vector of local martingales in .w. toe, { B, A (B,"), ..., B), F,; 0 s t < co} a vector of local martingales in .w. toe, { B, A (B,"), ..., B), F,; 0 s t < co} a vector of local martingales in .w. toe, { B, A (B, "), ..., B), F,; 0 s t < co} a vector of local martingales in .w. toe, { B, A (B, "), ..., B), F,; 0 s t < co} a vector of local martingales in .w. toe, { B, A (B, "), ..., B), F,; 0 s t < co} a vector of local martingales in .w. toe, { B, A (B, "), ..., B), F,; 0 s t < co} a vector of local martingales in .w. toe, { B, A (B, "), ..., B), F,; 0 s t < co} a vector of local martingales in .w. toe, { B, A (B, "), ..., B), F,; 0 s t < co} a vector of local martingales in .w. toe, { B, A (B, "), ..., B), F,; 0 s t < co} a vector of local martingales in .w. toe, { B, A (B, "), ..., B), F,; 0 s t < co} a vector of local martingales in .w. toe, { B, A (B, "), ..., B), F,; 0 s t < co} a vector of local martingales in .w. toe, { B, A (B, "), ..., B), F,; 0 s t < co} a vector of local martingales in .w. toe, a vector of local martingales in adapted processes of bounded variatio... A factory, with fixed cost of £150 variable cost per unit of item is £2, and price function is p(x) = (30 - 0.2x). Questions You should answer the following questions and incorporate your answers... 0/2 pts 5 2 O Details When exchanging US Dollars (USD) for Philippine Peso (PHP) the number of Philippine Peso (PH received is directly proportional to the number of US Dollars to be exchanged. If 850 US... Solving problems. divided into 6 equal pieces of cake. The fraction of the g is 6 Name : Foundations 20 1. Draw a two pair of intersecting lines (see example drawing). Measure and record the opposite angles. What conjecture can (3) you make? 20 1. Draw a two pair of intersecting lines (see example drawing). Are the horizontal lines in the diagr... Cuántos pagos mensuales vencidos de \$540 se tendrían que realizar para saldar una deuda, pagadera el día de hoy de \$10450, si el primer pago se realizar para saldar una deuda, pagadera el día de hoy de \$10450 se tendrían que realizar para saldar una deuda, pagadera el día de hoy de \$10450 se tendrían que realizar para saldar una deuda, pagadera el día de hoy de \$10450 se tendrían que realizar para saldar una deuda, pagadera el día de hoy de \$10450 se tendrían que realizar para saldar una deuda, pagadera el día de hoy de \$10450 se tendrían que realizar para saldar una deuda, pagadera el día de hoy de \$10450 se tendrían que realizar para saldar una deuda, pagadera el día de hoy de \$10450 se tendrían que realizar para saldar una deuda, pagadera el día de hoy de \$10450 se tendrían que realizar para saldar una deuda, pagadera el día de hoy de \$10450 se tendrían que realizar para saldar una deuda, pagadera el día de hoy de \$10450 se tendrían que realizar para saldar una deuda, pagadera el día de hoy de \$10450 se tendrían que realizar para saldar una deuda, pagadera el día de hoy de \$10450 se tendrían que realizar para saldar una deuda, pagadera el día de hoy de \$10450 se tendrían que realizar para saldar una deuda, pagadera el día de hoy de \$10450 se tendrían que realizar para saldar una deuda, pagadera el día de hoy de \$10450 se tendrían que realizar para saldar una deuda, pagadera el día de hoy de \$10450 se tendrían que realizar para saldar una deuda de hoy de \$10450 se tendrían que realizar para saldar una deuda, pagadera el día de hoy de \$10450 se tendrían que realizar para saldar una deuda,
pagadera el día de hoy de \$10450 se tendrían que realizar para saldar una deuda de hoy de \$10450 se tendrían que realizar para saldar una deuda de hoy de blood cell volume mean is about p = 28 ml/kg. Red blood cell volume that is too low or ... If Inez is charged an interest of 42.95 on a loan of 950.00 for 7950.00 for Lipschitz condition with some constant 2CM. Is this statement correct or inco... Please provide Handwritten answer. Fill the final column of the table. Scenario Bo Domain Uncertainty Domain Sensitivity in x 1 12 2.7 0-10 10.08 4 -7 2.7 0-20 1... Please help me answer questions 2 & 4. 2. Lucille receives an annual salary of \$37,500 based on a 37.5-hour workweek. What are her gross earnings for a 2-week pay period in which she works 9 hours... Question 1. Write down the degree of each vertex? and does the graph have an Euler circuit (yes or no)? . Consider the graph shown below. A H B G C F D Use Activity 5.33- select ONE of the activities and then find a PA Core State Standard that best aligns with the activity. Use the PA Core State Standards: to access the PA Math Core Standards: to access the PA Math Core Standards (PreK -... MATH 1053 - Quantitative Methods for Business Appendix 2 . The last 6 months have been a very a successful peri... Monthly contributions of \$1,000 will be made to a retirement fund for twenty years. What will be the future value of the fund if it earns 4.3% compounded annually for the first eight years and 5.5% co... Refer the following passage. Exp 2 FINDINGS Rephrase the sentence/words below but make sure the meaning is retained. PLEASE rephrase correctly. PLEASE Highlight/ underline the parts that you rephra... please solve. 63-5 bj (5.x6-3)4 3) The marginal cost for a product is MC = 4x + 50 dollars per unit, and the cost of producing 20 Items Is \$2,000. 3) Find the total cost function bj Find the cost of producing 20 Items Is \$2,000. 3) Find the total cost for a product is MC = 4x + 50 dollars per unit, and the cost of producing 20 Items Is \$2,000. 3) Find the total cost for a product is MC = 4x + 50 dollars per unit, and the cost of producing 20 Items Is \$2,000. 3) Find the total cost for a product is MC = 4x + 50 dollars per unit, and the cost of producing 20 Items Is \$2,000. 3) Find the total cost for a product is MC = 4x + 50 dollars per unit, and the cost of producing 20 Items Is \$2,000. 3) Find the total cost for a product is MC = 4x + 50 dollars per unit, and the cost of producing 20 Items Is \$2,000. 3) Find the total cost for a product is MC = 4x + 50 dollars per unit, and the cost of producing 20 Items Is \$2,000. 3) Find the total cost for a product is MC = 4x + 50 dollars per unit, and the cost of producing 20 Items Is \$2,000. 3) Find the total cost for a product is MC = 4x + 50 dollars per unit, and the cost of producing 20 Items Is \$2,000. 3) Find the total cost for a product is MC = 4x + 50 dollars per unit, and the cost of producing 20 Items Is \$2,000. 3) Find the total cost for a product is MC = 4x + 50 dollars per unit, and the cost of producing 20 Items Is \$2,000. 3) Find the total cost for a product is MC = 4x + 50 dollars per unit, and the cost of producing 20 Items Is \$2,000. 3) Find the total cost for a product is MC = 4x + 50 dollars per unit, and the cost of producing 20 Items Is \$2,000. 3] Find the total cost for a product is MC = 4x + 50 dollars per unit, and the cost of producing 20 Items Is \$2,000. 3] Find the total cost for a product is MC = 4x + 50 dollars per unit, and the cost of producing 20 Items Is \$2,000. 3] Find the total cost for a product is MC = 4x + 50 dollars per unit, and the cost of producing 20 Items Is \$2 Quartile Maximum <your response here> <your respons Y be a function. Prove the following are equivalent: (a) For all A, B C X, we have f(AnB) = f(A) nf(B). (b) f is injective. There are initially 100 fish in a pond and its population is changing at a rate of 4t 3 - 30t 2 - 12t + 150 where t is time in weeks. What will be the population after one year? Complete the proof of the exterior angle theorem. Given: 24 is an exterior angle of ABC. B 3 A C Prove: m 21 + m 2 - m 24 Answer. Statement Reason 1. 24 is an exterior angle of ABC. 1. Given 2. 23... 2 particles A and B with 10kg and 5kg masses respectively connected by light inextensible string with B being directly below A. Force of 180 n applied vertically. Find the tension Question 2 (25 Marks) The sum of the reciprocals of the positive whole numbers up to a specified number can be calculated (i.e. if 4 is specified, it includes the reciprocals of the numbers 1, 2, 3 an... For my combinatorics class - please include explanation! . 4. (2 points) State what it means for an LP to be in standard equality form. Draw or use base 10 blocks to explain the following equation 43.2 - 25.6 Please show work Four and eight tenths is written as .* 2. What is the place value of the digit 2 in the decimal number 12.65? 3. One tenth can be expressed as 4. Which of the following all integer linear program: Max 311 + 2×1 3.1:. 31:. + 12 s 9 I1 + 3x: 5 ? art + x: s 1 x1, x; e o an... Put I := 10, 1, and let BE B(I*) with A.(B) > 0. The probability measure v on B(I") that is defined by v(A) := Ax(An B)/Xx(B) is called the uniform distribution on B. Consider the simplex D... Find the isolated singularities of the following functions, and determine whether they are removable, essential, or poles. Determine the order of any pole, and find the principal part at each pole. (co... s it possible to determine an Euler circuit from this graph? Explain. B D Choose the correct answer below. A. Yes, because this graph has no odd vertices. An Euler circuit from this graph? Explain. B D Choose the correct answer below. A. Yes, because this graph? Show with an area model how to find the answer to UIIN = ? 4 Explain how to use the area model to explain why the standard algorithm for adding fractions works. Pete Air wants to buy a used Jeep in 6 years. He estimates the Jeep will cost \$12,400 now at 12% interest compounded semiannually. a. Calculate the maturity value of the i... Imagine that you have a budget of \$6,000,000 for the initial set up of the center. Create a financial plan on how you would utilize this money to create the trauma center. Would you lease or buy your ... Lab4. EXAMPLE 9 In this example we first translate the square horizontally 4 units using increments of 0.2. We then rotate the trauma center. the resulting square clockwise 7/2 radians around the vertex (5, 0) using inc... ld 4. Use two numbers, the other labeled with rt (proper and) improper fractions, to help you explain why the procedure for turning mixed re numb... A student randomly guesses the answers to a four-question true-orfalse quiz. The observation is the student's answer for each question. Write out the sample space. (Use T = true and F = false) Question 1 Probability for each of the following. You need not multiply out your answers, but you must show the problem set-up (i.e. 13/52 x 12/51 is an acceptable fin... Probability Extra Credit: Problem 2 (1 point) A card is selected at random from a standard test, the probability that it is an ace? (b) What is the probability that it is an ace? (b) What is the probability that it is an ace? (c) What is the probability that it is a ace? (c) What is the probability that it is a ace? (c) What is the The scores of the s... Hi, please do this for me and show me what you did and please please do it right thank you?. Please submit your Excel .xlsx file produced from the following exercise. The objective of the exercise is to apply solver to resolve an ... Please help with this applied math question.. Problem 6 In this MATH336 assignment problem, we revisit Fact 1 in the lectures of Module 3, which stated the following: If there exists y where ATy 2 0 a... Calculate the missing values. Express dollar values rounded to two decimal places and break-even volumes rounded up to the next integer. Fixed Cost (FC) per month Variable Cost (VC) per unit Selling P... Check my work Westway Company pays Suzie Chan \$3,060 per week. Assume Social Security is 6.2% on \$128,400 and 1.45% for Medicare. a. By the end of week 52, how much did Westway deduct for Suzie's
Soci... Please provide Handwritten answer. Definition (usual definition) A subfield F of Q is called an algebraic number field if [F : Q] < co, namely F is a finite dimensional vector space over Q. Theore... Please provide Handwritten answer. 4 let A = jai: Isisry be the set of all courses required for postgraduation degree. Let R be a reflexive relation on A such that for a Faj, (ai, a;) ER if and only... Sir i am stuck for this question. Question no 3: Determine which of the following lists of vectors are linearly independent and give a reason for each answer. (a) [(1,3,0), (0, -1,2), (0,0,0)] (b) [(1... need help with 10.32. N = -2(4u2 + 4v2 + 1)-1/2 satisfy the compatibility conditions, equations 10.32. Using the Weingarten equations 10.32. Using the Weingarten equations 10.32. N = -2(4u2 + 4v2 + 1)-1/2 satisfy the compatibility conditions, equations 10.32. Using the Weingarten equations 10.32. N = -2(4u2 + 4v2 + 1)-1/2 satisfy the compatibility conditions, equations 10.32. N = -2(4u2 + 4v2 + 1)-1/2 satisfy the compatibility conditions, equations 10.32. N = -2(4u2 + 4v2 + 1)-1/2 satisfy the compatibility conditions, equations 10.32. N = -2(4u2 + 4v2 + 1)-1/2 satisfy the compatibility conditions, equations 10.32. N = -2(4u2 + 4v2 + 1)-1/2 satisfy the compatibility conditions, equations 10.32. N = -2(4u2 + 4v2 + 1)-1/2 satisfy the compatibility conditions, equations 10.32. N = -2(4u2 + 4v2 + 1)-1/2 satisfy the compatibility conditions, equations 10.32. N = -2(4u2 + 4v2 + 1)-1/2 satisfy the compatibility conditions, equations 10.32. N = -2(4u2 + 4v2 + 1)-1/2 satisfy the compatibility conditions, equations 10.32. N = -2(4u2 + 4v2 + 1)-1/2 satisfy the compatibility conditions, equations 10.32. N = -2(4u2 + 4v2 + 1)-1/2 satisfy the compatibility conditions, equations 10.32. N = -2(4u2 + 4v2 + 1)-1/2 satisfy the compatibility conditions, equations 10.32. N = -2(4u2 + 4v2 + 1)-1/2 satisfy the compatibility conditions, equations 10.32. N = -2(4u2 + 4v2 + 1)-1/2 satisfy the compatibility conditions, equations 10.32. N = -2(4u2 + 4v2 + 1)-1/2 satisfy the compatibility conditions, equations 10.32. N = -2(4u2 + 4v2 + 1)-1/2 satisfy the compatibility conditions, equations 10.32. N = -2(4u2 + 4v2 + 1)-1/2 satisfy the compatibility conditions, equations 10.32. N = -2(4u2 + 4v2 + 1)-1/2 satisfy the compatibility conditions, equations 10.32. N = -2(4u2 + 4v2 + 1)-1/2 satisfy the compatibility conditions, equations 10.32. N = -2(4u2 + 4v2 + 1)-1/2 satisfy the compatibility conditions, eqRonald is taking a road trip. After 2 hours he has covered 90 miles and after 5 hours he has covered 225 miles. Find the slope you would use in a linear model of mi... Please provide clear and neat solutions step by step for these problems? I greatly appreciate it. Thanks!. Exercises 2.2 1. Obtain the general solution of each of the following PDEs in the indicated d... if a given set has 14 elements how many of its subset have at most three elements? Use the matrix features on a graphing calculator to solve: 1 = 5 -25 -8 -9 -14 (a) For the system :: = $-y - \tan(:c) 3' = 1'$ use Vb; y) = 3:2 + y2 to study stability of the equilibrium in = y = 0. (b) Use V(:1:) = 5:2 / 2 to study stability of the equilibrium at the origi... I have fixed it .. viz (optional Convert (0.000000011/2 to 10-bit float representation. Hint: this requires the use of special case A Enter the answer without space: (0 00 0 0000 1 1 2 =. Conver... The Euler diagram represents information about pizza toppings.(a) Use the second of De Morgan's Laws to write the negation of the compound statement "The pizza has pepperoni or ham" in the form of a c... QUESTION 6.1 POINT A mechanic charges \$25 for a battery check and \$40 per hour for services. Write an equation to model this. Provide your answer below: y = Content attribution Question 4: Let 2 be a set of n elements. (a) Describe the set P of all probability distributions (probability mass functions) supported on . (Hint represent a distribution on S by a vector and descri... Need help understanding these provide an in-depth explanation for the following question: Let $S = \{1, 2, 3\}$. How many bijections $f: S \rightarrow S$ are there such that $f \circ f$ is equal to the identity? (i.e., $(f \circ f)(x) = x$ for ... For the data in Problem 4, use OLS without data transformation to fit the model, i.e., directly regress Y on X, and compare the variances of the coefficients $Var(\beta^{0})$ and $Var(\beta^{1})$ with their count... ascending of rational numbers. Math 6/7 HOMEWORK (1.5) For the problems below, put the numbers in ascending order. 0.23, 2.30%, N HIL Gunakan kertas graf untuk menjawab soalan ini. 0.5 1.0 1.5 2.0 2.5 3.0 33.33 13.48 14.82 9.88 6.92 4.39 Jadual 7 menunjukkan nilai bagi dua pembolehubah, x dan y, yang diperoleh melalu su... COMP-11 1 Programming Principles I Midterm Exam QUESTION 2 [20 points] Write a program that prompts the user to enter the edges of a triangle is. If only two edg... Given A = { 2, 4, 7, 16 } and B = { 1, 2, 3, 7 } 2. List all subsets of { A, B, 3 } a) Find A U B b) FindAn B 3. How many 4 digits passcodes are possible a) if the first digit must be a 2, and repetit... QUESTION 5.1 POINT The state of New York has 645 Starbucks with a population of 19.89 million. Write the Starbucks with a population of 19.89 million. Write the Starbucks with a population of 19.89 million. (a) (b) Figure 1: Examples of different fins with uniform cross-sections. Let T(V, E) be a graph and for each v E V, set Ev = {e EE : the endpoints of e are in I've where I'v is defined in the previous problem. (a) Prove that I(Tv, Ev) is a connected subgraph of T(V, E). (b... If 20% of 519114.55 is 415,237.64 What is the percent of 519114.55 of 359,219.55? 2. What is the percent between these two numbers (415.237.64 & 359,219.55) Maths 4. Question 4 [5 points] JenStar recently received two invoices, which were subsequently paid. The amounts, terms, invoice dates, and the dates the payments were made are shown below. Based on t... 11,12,13,14,15. r Docs, Sheets & Slides | chrome-extension://bpmcpldpdmajfigpchkicefoigmkfa .docx Help Normal Times New ... 11 - BI U A- A- d. May e. April 10. Find the critical path. Activity Content Predecessor(s) Durat... SECTION B Question (a) Let f(x) = 53 be a continuous function for every I E R. (i) Use the Lagrange interpolation and find a polynomial p(x) of degree at most two that agrees with this function f(x, y) = (4-22 - 13) exty (1) Find the maximal and minimal values of function f(x, y) under the constrain... Ferdinand started saving money on January. Each month he saved P HP 5250.00. How much did saved on April? help please. Question 1 (1 point) Does the graph illustrate one or two variable data: Snowfall in January 80 60 Snowfall (cm) 40- 20 JoI ofin Halita gan Gand Mon City 1 variable 2 v What is the median of the sample data? Round your response to 2 decimal places. If the outlier is removed, what is th... Please provide Handwritten answer. Let f : R - R be a continuous function. I don't understand. Giving a test to a group of students, the grades and gender are summarized below A B C Total Male 9 19 10 38 Female 7 2 3 12 Total 16 21 13 50 If one student is chosen at random, F... What is the constraint for: "Store 3 cannot be opened if at least either of store 11 or 12 is opened."? () X3 + X11 + X12 <= 2 Coefficient of X3 = ? 1]. Answer the following questions 3) You need to survey a plot of land that is described as follows: From the old well, proceed 300 m N15°E to the edge of the goat pen, then 500 m east to the gravel... es matemática. Representa en la recta numerica los siguientes numeros: -17; +8; -10; +15; -12; 0; -1 . 14. In the image below, find the angle that the plane needs to be inclined to in order to just barely cause the mass on the plane to slide up the incline. The masses are m, = 0.22 kg, m2 = 0.50 kg... A mortgage for a house of 270000 will be paid over 8 years with an annual interest rate of 3.9% compounded biweekly. A. what are the biweekly payments? B. how much principal will remain after 3 ... Find the general solution of the homogeneous equation 1 1 "----' -= 0t>0 y t11+t2y, You must start your work by looking for solutions of the form t'". Please Solve this question as soon as possible.. H O Let V1 = 1 and v2 = . Let M be a matrix whose columns are O V1, V2, 2v1 - V2, V1 + v2. Find a basis and dimension of the subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the
subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the subspace W = {x E R3: Mx = ... 2 3 2 2 Let A = B = 0 1 Content of the sub = N 0 CT -6 -4 Find JAB and (CB)-1 [5 Marks] From the following network, find the minimum spanning tree. Indicate the minimal total distance. [4 Marks] 12 15 8 2 10 13 3 9 10... Un equipo que vale de contado \$14,000.000 se va a financiar a una tasa de interés del 2% mensual compuesto por medio de una cuota inicial del 20% y tres pagos en los meses 6, 8 y 10 meses respectivam... Joshua uses his thermometer and finds the boiling point of ethyl alcohol to be 77.0 C. He looks in a reference book and finds that the actual boiling point of ethyl alcohol is 80.00. What is his perce... if 1/3 cups of sugar is needed to make two loaves of bread how many cups of sugar are needed for three loaves. use drawing/ shading of a shape to explain. Can you please solve and explain this question comprehensively? :). 1. (10 points) Let h : {0, 1}* - {1, 2, 3,...} be the function mapping binary string w E {0, 1}* - {1, 2, 3,...} be the function mapping binary string w E {0, 1}* - {1, 2, 3,...} a stiffness of k N/m and the damper has a damping constant of c Ns/m. The purpose of the s... Let ? be a randomly chosen non-negative integer in the range $0 \le ? \le 10$ n - 1. Consider the following problem: determine ? by asking ... you can solve these by helping from chapter 4 and 5 of book Probability and statistics for engineers and scientist Ninth edition. please slove both questions in detail.. Q 2; Write down the comprehensi... slove it please. 3. (Transient Chains) Let {Xn, n 2 0} be an irreducible DTMC on S = {0, 1, 2, ...}. For j E S, let M, denote the number of visits to state j for n 2 1. (a) Write down an expression fo... Determine whether the statement below is true or false. "All irrational numbers are real number." Consider this conditional statement. If (Choose one) V (b) Give the contrapositive of the statement. ... I lost in the steps so can someone clarify to me how to solve this following. the steps?. Problem 1 In this problem, you will use the following steps to show that Var(J, CsdBs) = So E[Colds where Ct is... this is a numerical analysis. I asked if I need MATLAB experiences for this class my teacher said it is not required. It started pretty simple programming, which I was able to do alone or by asking a ... Un avión despega a las 2:00 p.m. en un vuelo de 2 500 millas. El avión llega a su destino a las 7:30 p.m. Explicar por qué hay al menos dos momentos durante el vuelo en los que la velocidad del a... The questions is on the attachment. 4. Explain how Alan Schoenfeld's videotape of Renee solving a math problem illustrates each of these three rhetorical elements: ethos, pathos, and logos. 5. Gladwel... Calvin earned \$1,425 dollars by working five days in a week. He also received a bonus of \$200. What is the average amount that he earned per day? I would appreciate having a solution written with nice handwriting and detail explanations. Find each difference. Write your answer in simplest form: a - 3/7 - 2/7 = b 8/9-5/9= c -17/12-11/12 = d -6/18-6/18 = o 5 POINTS A city is assigned with the task of establishing a virus testing center along with a community of homes are uniformly selected on the interv... Solve A through E please!!. Part D: Communication 1. Read the following statements and circle T if the statement is true and F is the statement is false. (5 marks) a) The functions y = sin x and y = c... Sir i am stuck for this question with neat explanation . Task 3 In an experiment to determine relationship between force and momentum, a force X, is applied to a mass, by placing the mass on an inc... In each of the following situations, a random sample must be obtained. Determine whether a cluster, stratified, or systematic random sampling would be appropriate. Explain in detail how the samplin... At age 19 someone sets up an IRA (individual retirement account with an APR of 7%. At the end of each month he deposits \$85 in the account. How much will the IRA contain when he retires at age 65 Comp... At the end of each month he deposite \$85 in the account. a price of \$32.75, producers will provide 13 items, while at a price of \$42.75, they will purchase 90 of these items if the price is \$92.50, but will purchase 142 ... please answer the following question below. In triangle ABC, the measure of angle D is 50 degrees. Select ALL possible values for the measures of angle A and CIADC Is an right triangle. a. Angle A is ... Please provide clear and near complete solutions step by step? Lambda < 0 and $f(x) = (e)^{-((x)^2)}$ for (C)?. PH 480 HOMEWORK 2: FIRST ORDER. WAVE EQUATIONS (:1) Use the substitution method from 2.1)... Just tell the answer without explaining it. THE Left.0:4/:10 Abdullah Al-Muhsinawi: Attempt 1 Question 5 (3 points) Fill in the blanks in order to complete the statement. The graph of y = 0.11-xi - 9 ... Please help me answer this. Name: Section: Test I: Multiple Choice. There are 4 options in the following items, choose the best answer then write the letter which corresponds to your answer on the bl... Given the negative goodwill caused by the problem with production quality, Karake Inc. has decided to offer customers quantity discount on the ErgoBeds Line. Discount is based on the quantity discount is based on the quantity discount on the ErgoBeds Line. Discount is based on the quantity discount on the ErgoBeds Line. Discount is based on the quantity discount on the ErgoBeds Line. Discount is based on the quantity discount on the ErgoBeds Line. Discount is based on the quantity discount on the ErgoBeds Line. Discount is based on the quantity discount on the ErgoBeds Line. Discount is based on the quantity discount on the ErgoBeds Line. Discount is based on the quantity discount on the ErgoBeds Line. Discount is based on the quantity discount on the ErgoBeds Line. Discount is based on the quantity discount on the ErgoBeds Line. Discount is based on the quantity discount on the ErgoBeds Line. Discount is based on the quantity discount on the ErgoBeds Line. Discount is based on the quantity discount on the ErgoBeds Line. Discount is based on the quantity discount on the ErgoBeds Line. Discount is based on the quantity discount on the ErgoBeds Line. Discount is based on the quantity discount on the ErgoBeds Line. Discount is based on the quantity discount on the ErgoBeds Line. Discount is based on the quantity discount on the ErgoBeds Line. Discount is based on the quantity discount on the ErgoBeds Line. Discount is based on the quantity discount on the ErgoBeds Line. Discount is based on the quantity discount on the ErgoBeds Line. Discount is based on the quantity discount on the ErgoBeds Line. Discount on the E for x e R, if... Investigate the connection between mathematics and medicine in the body BestBuy recently changed their return policy, and returns can only be made on the same day of purchase during Black Friday. Alice, Kelly, and Billy went to BestBuy on Black Friday to take advantage... college mathematics. Write the ratio as a fraction in simplest form, with whole numbers in the numerator and denominator. 12 gal to 16 gal DO X Create a Matlab function r = polyfitRoots(x, y). Here the vectors x and y are the x- and y-components of data points(x1, y1),(x2, y2),...,(xn+1, yn+1)and r is a vector containing the roots of the.... Let X1, ..., x, be probabilities (x, > 0, >x; =1). Claude Shannon defined the entropy of information as - Ex; log x;. Show that the entropy function is concave. Then find necessary and suffic... Linear Programming: A Geometric Approach . Deluxe River Cruises operates a fleet of river vessels. The fleet has two types of vessels: a type-A vessel has 60 deluxe cabins, ... area model should aid in solving the entropy function is concave. question. Consider the following word problem: "A student in an elementary school had a cartful of whiteboard markers that she needed to distribute to five di... Activity D of a project has a budgeted cost of \$19,690 and is 36% completed? A-2). If the actual cost of the... Question (1) Derive stress-strain relationship for a Newtonian fluid. Question (2) Derive rate of strain tensor near a point. Question (3) Derive stress-strain relationship for a Newtonian fluid. Question (2) Derive rate of strain tensor near a point. Question (3) Derive stress-strain relationship for a Newtonian fluid. show that 00 1 = [Jo(x)]2 + 2[Jn(x)]2 = 0 (Winter and the natural boundary conditions associated with the functional W W I(w) = 0' wow + 2v 2 ax 2, 2+2(1-v) Oxdy dxdy + -[kw dxdy - [qwaxdy Let X and X' be independent random variables from distribution F. The expected value of the difference of th X and X' is called the Gini mean difference (GMD) of X or F, denoted as A. That is, A(F) = A(X...) Please provide Handwritten answer. 6. Let m > 2 be an integer. (a) Show that qo(m) (o(m)+1) = 1 (m... If we use the decision tree in above and the test data below, what would be the recall of the decision tree? Hint: Recall = True Positive + False Negative) If we use the decis... This is in Numerical Methods. Solve USING Microsoft EXCEL ONLY Round off any computed value to 5 DECIMAL PLACES Also at tach excel file in the Google drive link. 13. Further complexity in the calcul... Please answer all parts to the following question! I will upvote. 3. In order to show that both sets P(N) and F(N, {0, 1}) have the same infinite cardinal, 20, we shall construct a bijection 4 : P(N)... find the average depth of penetration for the gelatinization and prepare a properly labelled graph of depth versus time. spreadsheet. 2. Using the trend line f... Problem 1 (12 Points) Replace the following second-order differential equation by an equivalent sys- tem of first-order equations: 2x3y" +x y' - xy = 0 Question 6 A V Solve ac - 3 = 2 X = Enter your solution(s)
as integers or reduced fractions sepa [-/1 Points] DETAILS HARMATHAP12 6.5.007. MY NOTES ASK YOUR TEACHER A homeowner planning a kitchen remodeling can afford a \$500 monthly payment. How much can the homeowner borrow for 3 years at 3%,... ex Learning - Cc x Apex Learning - Cc x Apex Learning - Cc x Apex Learning - Jo x MATH sem 2- One ny.sharepoint.com/personal/591403_cjuhsd_net/_layouts/15/doc.aspx?sourcedoc=(f5543144-8c0d-4e8c-9ba4-a307 ved Se... For each pair of statements, choose the one that is true. ofs) = (g, s) (a) Os c (g, s) O (5) E (5, 6, 7) (b) o (5) 2 (6, 7, 8) O (11, 13, 15) C (1, 3, 5, 7, ...) (c) O (11, 13, 15) C (11, 3, 5, 7, ...) (c) O (11, 13, 15) C (11, 3, 5, 7, ...) (c) O (11, 13, 15) C (11, 3, 5, 7, ...) (c) O (11, 13, 15) C (11, 3, 5, 7, ...) (c) O (11, 13, 15) C (11, 3, 5, 7, ...) (c) O (11, 13, 15) C (11, 3, 5, 7, ...) (c) O (11, 13, 15) C (11, 3, 5, 7, ...) (c) O (11, 13, 15) C (11, 3, 5, 7, ...) (c) O (11, 13, 15) C (11, 3, 5, 7, ...) (c) O (11, 13, 15) C (11, 3, 5, 7, ...) (c) O (11, 13, 15) C (11, 3, 5, 7, ...) (c) O (11, 13, 15) C (11, 3, 5, 7, ...) (c) O (11, 13, 15) C (11, 3, 5, 7, ...) (c) O (11, 13, 15) C (11, 3, 5, 7, ...) (c) O (11, 13, 15) C (11, 3, 5, 7, ...) (c) O (11, 13, 15) C (11, 3, 5, 7, ...) (c) O (11, 13, 15) C (11, 3, 5, 7, ...) (c) O (11, 13, 15) C (11, 3, 5, 7, ...) (c) O (11, 13, 15) C (11, 13, 15) C (11, 13 Mac's credit card statement included \$2140.00 in cash advances and \$144.19 in interest charges. The simple interest rate on the statement was 10 1/3% p.a. For how many days was Mac charged in... A combined disability and critical illness policy is issued to a healthy life age r. Healthy Sick 1 10 Dead Critically ill 2 32 3 Write down the Kolmogorov's forward equations for (a) up, (b) up21 ... Candy factory operates two production lines: first one is brand new, and the second one is 10 years old. One-hour operation costs of each production lines: first one is brand new, and the second one is 10 years old. times. Their scores are random variables with the following means and standard deviations. Norb, X1: H = 13... resolve the issues below as requested in the statements. Questao ... Let f(x) be the piecewise defined function x/km, if0 < 33 < 61.2 a: + 3.6, if 61.2 g a: < 100 Choose the value(s) of k that makes f(x) continuous over the interval (0,100). If your answer doe... subject: System Analysis and Design Activity: Critical Path Method and PERT Consider the following table summarizing the details of a project: ACTIVITY PREDESSESOR(S) DURATI... Simplify. [2 K] a. cot (m - x) = b. cos2cos3 + sin2sin3 = 2. Simplify and then evaluate. Your final answer should be an exact value. [6 K] Simplified Form. Evaluate the simplified form. a. COS2 ST ... In this problem, we will give another proof that the set of connectives {-, A, V} is adequate for propositional (Boolean logic.) To do this, we will show that every n-ary Boolean operator (n 2 1) F... Deon agreed to form a partnership agreement requires that Deon invest \$1898 greater than two-fifths of what Brice is to invest. If the total partnership value is \$57,727, how much did... We consider the system of linear equations Ax = b where -1 0 A = b = 0 and whose exact solution r* is among the vectors (which one?) (1) (2) (3) (4) (5) - COHNON LALAN (6) (7) (8) (9) (10) Starting... Cait drove 212 km. Her speed was 42 km/h for the last 12 minutes. How long did the trip take? 1.- Use Gauss Seidel (successive displacements) to solve the given system of linear equations. 27:11 QUESTION 5.1 POINT Raymond is considering a \$110, 000 mortgage for 15 years at a 5% interest rate. With this information, his monthly payment would be \$869.87. If he only makes the minimum pay... Do now: Solve by completing the square. $3 \times 2 - 3x = -21$. The sum of the roots of a quadratic equation is 10 and the product is 9. Write an equation that has these roots. 2. Write the quadratic equatio... Short test . To save time grading, a professor asks just one question on a test that is graded either right or wrong. Suppose each of the 100 students knows 75% of the answers to potential questions. ... Sir i am stuck for this question need complete explanation with step Loretta is responsible for cutting the small lengths of wood needed for a particular project from long boards. To reduce waste, Loretta must carefully choose the long board that will result in the lea... FIND THE LIMIT AND RATE OF CONVERGENCE BY USING TAYLOR'S SERIES. V 1+x lim X-0 < 20 21 22 23 24 25 26 21 Question 40 of 40 (1 point) Attempt 3 of Unlimited Convert the fraction to a percent. 0 OO W X Use complementary slackness conditions to verify that (0, 0, ..., n j=1 r; 2 0 for j = 1, 2, ..., n j=1 r; 2 0 for j = 1, 2, ..., n (F... las bobinas magneticas de un reactor de fusion tokamak tienen forma toroidal con radio interno de 0.700 m y un radio externo de 1.30 m. El toroide tiene 900 vueltas de alambre de gran diametro, cada... 3 "What is the sum of 48 and 25?" How does this develop procedural and conceptual understanding of place value? 3 (50%). Let X5, 6 {0,1,...,m}, for 2' = 1,..., n, be n-observations that constitute a random sample from binomial(m,p), where m is a given positive integer and p (0 < p < 1) is an ... Over the past several months, an adult patient has been treated for tetany (severe muscle spasms). This condition is associated with an average total calcium level below 6 mg/dl. Recently, the patient.... (20 Points) Suppose that {Xt} follows the model Xt = Xt-1 + Zt, where {Zt} are independent and identically distributed normal random variables with mean zero and variance of. (a) Is {X} a weakly ... eBook Show Me How Print Item Issuing Bonds at a Premium On the first day of the fiscal year, a company issues a \$8,500,000, 10%, 6-year bond that pays semiannual interest of \$425,000 (\$8,500,000 x 10%... This guestion: 1 point(s) possible The identity element is L. Determine the inverse, if it exists, of (a) J. (b) K. and (c) L. J.K.L.J.K.LJ.K.L.J.K.L.J.K.LJ.K. point x = [1, 0, 0, 0] for n = 4, d = 5/6 and find the solution with tolerance g = 10-6. You may use a computer. (d) Derive an expression ... below are squares formed by matchsticks. Asap need solution each . 1. Problem Solving. Do what is asked. Write your complete solution on the space provided. 1-20. A market researcher collecting data on 100 households finds that 81 have cabl... Let X, Y be sets with A, B C X and C, D C Y. Prove the following are equivalent: (a) AXCCB XD (b) A C B and C C D. using microsoft excel ...how to calculate.mising part. ing reate from Function Library Defined Names B16 X V I CO Input Area Today's Date; Pmts Per Year: House Down Amount Mor... program (int n) if n = 1 return 0 else return 1+program (not n) if n = 1 return 0 else return 1+program (not n) if n = 1 return 0 else return 1+program (not n) if n = 1 return 0 else return 1+program (not n) if n = 1 return 0 else return 1+program (not n) if n = 1 return 0 else return 1+program (not n) if n = 1 return 0 else return 1+program (not n) if n = 1 return 0 else return 1+program (not n)
if n = 1 return 0 else return 1+program (not n) if n = 1 return 0 Problem #5 (15 points) - A Mix Up At The Mailboxes An apartment building has 10 different apartment has a mailbox on the... Find the area is (Simplify your answer.) Use the change of variable to solve the following equations. (a) y' = y tanx - y SeCT, DE (0, 1 = U (Bernoulli DE) (b) (2x + 3y)do + (y - x)dy = 0, 2 = Allen's hummingbirds has been studied by zoologist Bill Alther. Suppose a small group of 12 Allen's hummingbirds has been under study in Arizona. The average weight for these birds ... Please provide the definition of all of the following foundational algebra terms: Closure Property Associative Property Communicative Property Distributive Property Identity Elements Sir, I need this blue line explain what B and d8/dt mean in symbols, now explain what they mean using wor... Explain this well. 1. Simple interest is computed on the principal and then added to it. | = Prt where I = Simple interest P = principal or the amount invested and borrowed r = simple interest rate t ... Please help me with the below problem and needed step by step with a clear solution, please REMEMBER TO BE SOLVED ON YOUR OWN AND PLEASE I DON'T WANT PLAGIARISED SOLUTION... I NEED YOUR OWN WORK PLE... Marilyn saw a TV online priced at \$425 but when she went to the store it was priced at eigenvalues and eigenvectors of A and AT. ... 8 pts) Disprove: [A + 1] = [A]. Hint: Can you find a counterexample? Please answer it properly. DIRECTION: Read each problem carefully and encircle the letter that corresponds to the correct answer it properly. without using paraphrasing tools. . . Treatment of Data: All data gathered by the experiment were tallied, tabulated. analyzed and interpreted accordingly. The da... 1). Describe geometrically the region given by |Z| + Arg (e i-1) $\leq X_2$). Aided with sketches explain the difference between the following; (a). Neighbourhood and deleted neighbourhood (b). Co... How are exponents and logarithms related? And how do we algebraically find the logarithm using an exponent? question 12. 12. Sketch the graph of the following polynomial function. Label your axis properly including the x intercepts, y intercept and the coordinate of the turning point at f(5). y = -(x+2 (x-3)... . Started: Oct 28 at 9:03pm us iles Quiz Instructions es Show Instructions uscent 1 3 pts ssibility Course Policies Find the smallest positive integer n so that e in AZ f (x) = ... assume the following device parameters, 45 nm technology: $k'n=\mu Cox=280 \mu A/V2$, $k'p=\mu Cox=70 \mu A/V2$, Vt0, P=-0.4V, $PHI=|2\varphi F|=0.8V$ for N and P, $\gamma=0.35$ V^0.5, $\lambda L=0.1 \mu m/V$, VLIN=inf (VLI... Rewrite as a logan'thmic equation as requested. (a) Rewrite as an exponential equation. 1 log3 a = -4 (b) Rewrite as a logan'thmic equation. 2:64 business mathematics. Question 43 (1 point) The operating budget for Packard Machinery Company shows a net income of \$469 300. To achieve this, the company is targeting sales of \$740000, variable cost... Coding Theorem: Error correction code:. 2.7 Show that the number of inequivalent binary codes of length n and containing just two codewords is n. You want to buy a \$15,000 car. The company is offering a 4% interest rate for 60 months (5 years). What will your monthly payments be? Question 6. For a income 37, 37, 38, 38, ... The length of the longer base in a frustum of a regular triangular right pyramid is 27.8 cm. The length of its shorter base is 19.6 cm. If the volume of the frustum is 936 cm 3, determine the heig... Susan Orman wants to pay \$1,530 semiannually to her granddaughter for 12 years for helping her around the house. If Susan can invest money at 4% compounded semiannually, how much must she invest today... Let S and T be linear maps from U to, both of which are vector spaces over C. Prove that null(S) n null(T) = null(S + 7) n null(S - T). If you can play soccer as the first event, which does NOT alter the probability that you play chess as the second event, this concept is called: mutually exclusive dependent permutation indepe... Only. 21. Prove that a transitive, complete binary relation will be negatively transitive, complete, asymmetric. 22 Prove that a transitive and complete binary relation will be negatively transitive. Converting the third: transitive and complete binary relation will be negatively transitive. 23. Redraw digra... Calculate (a) the amount finance charge, and (c) APR by table lookup. (Do not round intermediate calculations. Round the the " finance charge" to the nearest cent.) Purchase pr... Please provide clear and neat solutions step by step for these problems? I very much appreciate it. Thank you!. 4. Show that the PDE in Problem 1(d) has no solution satisfying the side condition u(x,[... f(x) = -(1+x)2(1-x) (a) Find the linear approximation for f(x) when x = 4 about x = 3 (b) Compute the actual f(x) when x = 4. (c) Use your results in la and 1b to calculate the error term (remainder).... The probability of any event, P(E), is a number such that: Compute 8 C 2. A fair coin is tossed twice. The sample space for this random experiment is: You are selecting 4 board members and 1b to calculate the error term (remainder).... The probability of any event, P(E), is a number such that: Compute 8 C 2. A fair coin is tossed twice. (President, VP... Question 8 1 pts What annual interest rate is required for a debt of \$10,527 to grow into \$13,092 in 5 years if interest compounds monthly? Round your answer to the nearest tenth of a percent. Questio... QUESTION 3 A loan of \$2,400 due 3 months from today are going to be settled by a single payment 2 months from today. If money is worth 5.8% pa., what is th... please help . Select the correct loops to simplify the given function in POS (product of sums) form: Note: To select the correct loops to simplify the given function, and g: Y -Z be a function. Prove or disprove the following: (a) If g of is injective, then f is injective, then f is injective, then f is injective. (b) If go f is surje... Data on sunspots shows that the number of sunspots varies across a regular solar cycle, repeating itself every 11 years. In 1750, there was recorded a maximum of 90 sunspots varies across a regular solar cycle, repeating itself every 11 years. In 1750, there was recorded a maximum of 90 sunspots varies across a regular solar cycle, repeating itself every 11 years. Alberto tiene seis montones cada uno de la cuarta parte del de Juan, y Raúl tiene tres montones del doble de
los de Alberto. ¿Cuántos montones se formarán s... Answer A and B. You deposit \$10,000 in an account that pays 4.5% interest compounded quarterly. A. Find the future value after one year. B. Use the future value formula for simple interest to determin... Given an annual rate of payment of t at time t for 12 years and an annual effective rate of interest i = 4 %, find the PV of this continuously increasing annuity. Python code - Power method, for you to implement in a Colab notebook. Create a function power (... Engine Displacement: A 307-cubic-inch engine has a displacement of how many liters? Round your answer to 2 decimal places. The engine has a integer or... If 1/ a-2b is rational then a and b are integers True or False? Problem 1 : For a class project, a student wanted to do a quality control test on potato chips. They went to the Costco store and bought a 54 pack of 1 ounce potato chips, including Lays Classic, L... For questions 6 and 7, please give detailed steps.. 6. You hopefully have some prior experience with least squares problems in which we aim to find an x that minimizes lly - Ax?. While minimizing the ... Could you help me with this question? This is related to transition property of fundamental matrix. 1. Let @(t, to) be the fundamental solution matrix of the linear system M=A®a Where A(t) is an n X... - Draw a rectangle with an area of 36 cm2 - What is the area of a rectangle that is 15 cm2 long and 10 cm wide Briefly explain why most states no longer recognize the "aggressor defense" in workers? If \$21.86 was the initial price of shares for a company and \$30.08 was the final value, what was the percent change in the price of the shares? Indicate a loss with a negative percent change. Note: Pl... PROBLEM Simplify. Remember answer must be positive exponents (5x 2y2) -3 a) b) 2 2 5 (x4y - 3) -4 Z uilw X y Z. EVALUATE BY SIMPLIFYING 812 + V8 - 325 + 164 Show work and justify your answer Represent these two situations with equations. (a) Darryl had 18 apricots. He ate - of them for lunch. How many apricots did he eat? 6 X 18 = (b) Darryl had some pizzas, each cut into sixths. If he at... Please help with parts a and b. In this MATH336 assignment problem, we focus on LPs of the following form: max s.t. Ar < b (1) (Note that there are no nonnegativity constraint on I - it is a free y... Convert: 1, 3 days to minutes 2, 1 guart to tablespoons 3. 2 weeks to hours 4. 16 pounds to ounces 5. 126 inches to yards 6. Robert has 2.673 liters of soda. How many milliliters ... Task 1 (by hand) Consider the following nonlinear system. $x1 - 1 + cos(x1X2X3) = 0(1 - 21)1/4 + 2 + 0.05 \times 3 - 0.15 \times 3 = 1x7 + 0.1 \times 2 - 0.01 \times 2 - 2.3 = -11.1$ Assume the ith equation is used for xi to writ... Since the following nonlinear system. $x1 - 1 + cos(x1X2X3) = 0(1 - 21)1/4 + 2 + 0.05 \times 3 - 0.15 \times 3 = 1x7 + 0.1 \times 2 - 0.01 \times 2 - 2.3 = -11.1$ Assume the ith equation is used for xi to writ... Since the following nonlinear system. $x1 - 1 + cos(x1X2X3) = 0(1 - 21)1/4 + 2 + 0.05 \times 3 - 0.15 \times 3 = 1x7 + 0.1 \times 2 - 0.01 \times 2 - 2.3 = -11.1$ Assume the ith equation is used for xi to writ... Since the following nonlinear system. $x1 - 1 + cos(x1X2X3) = 0(1 - 21)1/4 + 2 + 0.05 \times 3 - 0.15 \times 3 = 1x7 + 0.1 \times 2 - 0.01 \times 2 - 2.3 = -11.1$ i am stuck for this question. on 12 k [8 Points Total] Determine the sum of the series Z{-1:" (1-3). Write your answer as a. fraction k=1 A national survey by the Pew Research Center of 1521 respondents reached on land lines and cell phones found that 46% of adults favored legalized abortion. The margin of error was 3 percentage poi... In relation to probability in discrete mathematics. Lara, Sara and Cara are good friends. They have a set of 12 cards each with one of the letters S, U, X, Y, E, O, T, I, H, A, V, B on them. For the p... a) fix = x+2 5. Which function has domain x E R x#3 and is positive on x ER)-2 < x < 3? 3-X b) g x = -x+2 x -3 c) h x = x-2 x+3 d) j(x) = 2 - x + 3 Need help. The highway mileage (mpg) for a sample of 8 different models of a car company can be found below. Find the 5-number summary and use it to create a boxplot. 18, 21, 24, 26, 30, 32, 36, 36 O ... Distributive Property of Multiplication Over Addition El 5 de mayo la Empacadora de Carnes del Norte consigue un préstamo endosando dos documentos que vencen el 23 de julio y el 10 de noviembre, con valor nominal de \$65,000 y \$128,000, respectivamente... Consider the following IVP: 9 R2 dx dt2 (I + R)2 " (0) = 0 dt (0) = 10 Here g is the gravitational acceleration (m/s?), R is the radius of the earth (m), and vo is initial velocity (m/s). Choose ... QUESTION 7 . 1 POINT Tim's weight was 350 pounds in 2010 and is 230 pounds in 2020. Write a linear model to show Tim's weight since 2010. Provide your answer below: y= Inquisitive Indira measures activity in ocean surface water. The following are her results. Depth (cm) activity 0 30 5 60 10 ... Consider the following Minitab display of two data sets. Variable N Mean SE

Mean StDev Minimum 01 Median 03 Maximum C1 20 20.00 1.62 7.26 7.00 15.00 20.00 25:00 31.00 C2 20 20.00 1.30 5.79 7.00 20:00 ... Estimate the area between the curve y=x^2 and the lines y=1 and y=2 A sampling of altitudes on a hillside is given below: Height(x, y) +NO DONDOC OHNWAUO NOOONOOO NOONANOO 0 X In this exercise, we will fit a two-dimensional cubic spline (bicubic spline) through th... I would appreciate it if sir/madam could help me with understanding this question immediately. thank you in advanced !. 2 Which of the following is TRUE for the complexity function f(n) = n n+1 I) O(n... please answer the following question below. In triangle ABC, the measures of angle I is 50 degrees. Select ALL powsible value for the measures of angle I is 50 degrees. Select ALL powsible value for the measures of angle I is 50 degrees. Select ALL powsible value for the measures of angle I is 50 degrees.ladder is leaning on a wall and it makes an obtuse angle with the ground. If the distance from the bottom of the ladder to the wall is 3 m, determine the value of magazines, bills, letters, and ads. If they received the same number of magazines as letters, three more bills than letters,... 1 2 3 4. A study was done on a sample of fourteen 17 year-olds on wearing seat belts 1. How many females in sample? 2. How many males ... What is the mean low temperature for the 5 days?. -20 15 20 SOL WebAssign. NumberLine @Help Need Help? Read It Watch It 16. [-/0.72 Points] DETAILS LARMPMT1 8.3.033. 0/100 Submissions Used The low tem... A copper rod of length '4m' is initially kept in a lab apparatus where the rod is divided into four sections and each section is maintained at a specific temperature. At t > 0, the rod is taken out... Choose one method in solving linear equations and apply to the following equations in solving the unknown values: Eq. 1: v + w + x + y + z = 1 Eq. 2: v + 5w + 2x + 3y + 4z = 0 Eq. 3: v + 15w + 3x + 6y + 10z = ... Problem 2: Product Pricing for Remington Manufacturing is planning its next production cycle. The company can produce three products, each of which must undergo machining, grin... help i need. Find the quotient and remainder. (-15×3 - 35x - 51 + 15): (3x + 4) The quotient is -5×2 - 51 + 5 The remainder is -5 > Next Question this is proportional math work . we're talking abt 3 cookies each , 96 students in the 7th grade . and can 36 cookies fit on the sheet . the 2 sheets . it's asking to create the table how ?. ONQUaT A ... You put \$13,500 into an account at the beginning of each year for 15 years. What is the future value if interest is 3.8% compounded annually? 2. What is the present value of an ... Consider the case where b = Ax + v, with |x|0 = 2 and |v/2 < c. Let * be a solution to (P.). Could x have less non-zeros than x? when? Qu Find the unknown angle measures in the pair of similar triangles shown to the right. 20 650 O y R VL U ZR = 10, LT = 10, ZU = 10, and LV = 10 How much should Alicia have in a savings account that is earning 3.75% compounded monthly, if he plans to withdraw \$1,650 from this account at the end of every month for 7 years? Round to the nearest ... The results of an election with two candidates are shown below. X, Y, Z Prefer Candidate A U, V, W Prefer Candidate B Suppose that votes are counted using the following criterion: The votes of those w... at least answer one of them for me , very appreciated Help with these questions. Please. You have to find an inequality and interval notation for each number that is in the score box. 1. 2.. Let's Beat Elon to Mars Vocabulary: Weekly Training Hours - The... here's the question.. 3. Let (In)new be a sequence of real numbers and a E R. Prove or disprove: (lim sup(In) > a) = (for infinitely many n E N, an > a). given the cfu and dilution factor, how do you calculate the cfu/g per soil For any a, bER show that Ilal-161/ <la-bl. Then prove that (Is,,[), converges to || if (s,), converges to L. Exercises 2.2 1. If {s, }, is a sequence of real numbers, if s. < M (nE/), and ... Now that you added an axis title for each vertical axis, you can remove the legend for the combo chart Display 0 de... Exercise. Let M1 = (Q1, E, Al, \$1, F1) and M2 = (Q2, E, 42, \$2, F2) be nondeterministic finite state automata. Define the nondeterministic finite state automata. C/decade or 0.6 C/decade? The volume V of an ideal gas varies directly with the temperature of 310 degrees K and a pressure of 18 atmospheres in ... 1 JIgull The function sin(z) is periodic function and its period is 2 mi . a O IT bO Sir i have this total information i am stuck for this if you need any info message me i can update you ... Problem Teams and events ranked by importance from low to high Team topic create a small story that can apply at least 3 math principles/concepts in it Given principles: o Tree diagram o Fundamental counting principle (X) o The Rule of Sum (+) o Factorials ... Write the truth table for the propositions below and determine whether it is a tautology or contradiction. a) [[Not]p([Or]([Not]p)[[And]]([And])([And work? I Can the following problems about voters be solved by adding 2 + 3? If so, explain why. If not, explain why not. Solve the problems if they can be solved. Write a different problem about voters that ... Suppose, household color TVs are replaced at an average age of u = 7.4 years after purchase, and the (95% of data) range was from 3.4 to 11.4 years. Thus, the range was 11.4 - 3.4 = 8.0 years, Let x b... please help with 2a. 2. Suppose y(s) is a unit speed curve in 3-space. A surface S in 3-space is said to rectify (or straighten) the curve y when y lies on S and is a geodesic on S. For instance a cir... It is in the form of f(x)=p(x) where p(x) are polynomial functions and q(x) is not equal to zero. Question 3 (3 points) Saved The instantaneous rate of change of the function f(x) when x=x, is the value of $x^2 = 60$, what is the value of $x^2 = 60$, whet x = 1, x =Explain this step by step Need help matching the picture to the correct inequality NUMERICAL METHODS. QUESTION 4 Consider the data below (a) (b) (d) a? flat) flat?) 1 0 1 1.25 0.2789 1.2231 1.5 0.6082 1.4055 1.75 0.9793 1.5596 2 1.3863 1.6931 Approximate f'(1.5) using the three-p... please help me answer question 1a&b & 2 answer this . I have a rectangular carton filled with Each of my 6 friends can be assigned an equal number of rows. Each chicken laid an equal number of eqgs. all of which are in the carton. For whi... A group of first ten shoppers in Town Mall have the following body temperature in Degree Celsius: 36.5, 36.2, 37, 35.9, 37, 35.9, 37, 23.2, and 36.4. What is the percentile rank of the shopper... Espanol At a local college, 202 of the male students are smokers and 808 are non-smokers. A male student from the c... Solve the following quadratic equations by extracting square roots. Answer the questions WITH SOLUTION then ENCIRCLE your final answer. 1) & = 16 6) 4x - 225 = 02) 6 = 817 31-147 = 03 $1-100 \dots$ (3) [~Ash 7.1.5] (a) Find max [0,00) ex (b) The sequence xe " converges to 0 on 0, co). Show that the conver- gence is uniform. Previous item may help. C. a. O O 0 b. WIN PIN = IN aI W - W/ M - ON - AN aw W / N - /w 15. What number sentence is true based on the number lines below? (NF.2) - H please show all working clearly. R2 P V Determine ALL of the possible currents that could occur within the circuit based on Kirchoff's Laws and electrical theory
you get the following equations. V - V... Four candidates running for a vacant seat on the town council receive votes as follows: Edelson, 2293; Borowski, 1511; Callow, 990; Levan, 418. Determine whether any candidate earns a majority, and de... I need help with this, it's 5 parts and I really don't know how to do it.. mathxl.com/Student/PlayerHomework.aspx?homeworkId=601029568&questionId=2&flushed=true&cld=6561293¢erwin=y... 17) The distance from Bangar to Laoag City is around 180 km. Which of the following functions best represents the speed of travel S that describes the time t it takes to drive from Bangar to Laoag Cit... Solve the compound inequality. 3x + 2 > 2x - 3 > x - 13 Enter the exact answer in interval notation. To enter u, type U. For example, to enter (-co, 99) U [101, co), ... Please can you show all the work, please do not skip steps. Establish the identity: 1 + cos # + cos 20 + ... grade 12 advanced function. 3 5) SHOW THAT Log 4+ log 3. IS EQUIVALENT TO log 12 3 log 2 + log 5 Lai Xiaodong, a 22-year-old college educated man, accepted a job at Foxconn Technology (where the iPad was being produced for Apple) in Chengdu, China, for \$32 a day at 12 hours a day, 6 days a week. ... Step 1 of change a to x = b (where a < b) is given by To find the average rate of change a to x = b (where a < b) is given by To find the average rate of change a to x = b (where a < b) is given by To find the average rate of change a to x = b (where a < b) is given by To find the average rate of change a to x = b (where a < b) is given by To find the average rate of change a to x = b (where a < b) is given by To find the average rate of change a to x = b (where a < b) is given by To find the average rate of change a to x = b (where a < b) is given by To find the average rate of change a to x = b (where a < b) is given by To find the average rate of change a to x = b (where a < b) is given by To find the average rate of change a to x = b (where a < b) is given by To find the average rate of change a to x = b (where a < b) is given by To find the average rate of change a to x = b (where a < b) is given by To find the average rate of change a to x = b (where a < b) is given by To find the average rate of change a to x = b (where a < b) is given by To find the average rate of change a to x = b (where a < b) is given by To find the average rate of change a to x = b (where a < b) is given by To find the average rate of change a to x = b (where a < b) is given by To find the average rate of change a to x = b (where a < b) is given by To find the average rate of change a to x = b (where a < b) is given by To find the average rate of change a to x = b (where a < b) is given by To find the average rate of change a to x = b (where a < b) is given by To find the average rate of change a to x = b (where a < b) is given by To find the average rate of change a to x = b (where a < b) is given by To find the average a to x = b (where a < b) is given by To find the average a to x = b (where a < b) is given by To find the average a to x = b (where a < b) is given change of the functi... Consider the following nonlinear optimisation problem. Objective function: f(x) = ri + 12 + x3 Constraints: (X1 + x2 + x3) < 48 (a) Write all the KKT equations/inequalities and use them to identify ... bonjour vous pouvez m'aider pour ce devoir. xercice 1 Logoom pente des 2 toits est de 40 %. 1. En utilisant le Theoreme de Pythagore, calculer la longueur horizontale de la noue [B'O]. 2. En utilisant... real number analysis. Prove that the set F(N) of all finite subsets of N whose maximal element is n. kindly answer both parts. D(x) = r'sin(1/x) if r = 0. is continuous and differentiable on the entire real line but D' is not continuous at 0. Let F(s) = / D(x)dr. -1. Evaluate F'(0). Prove t... help asap!. Evaluate the expression -4.3 0.5 1.6 0 5.2 from the complex analysis, please solve this problem asap thank you! #1 segment AE is .#2 Angle E is degrees,#5 segment AD is ,#6 segment CD is .. 2.7 2.7 864.3 B 4 64.3* 3.2 3.2 m Exercise 8 . KNOW THE CONCEPTS DO YOU KNOW THE BASICS? Test your understanding of Chapter 8 by answering the following questions: 1. 2. 8. 9. Would it be appropriate to represent the weekly sales ,#4 Angle D is to... How to compute x 5 where x is in the set of F 5 where F = (0,1,2,3,4) step by step. Juan, an investment banker, invested \$7,000, \$5,400, and \$2,100 in shares of three different companies. The market showed potential to grow so she decided to invest an additional total o... During a prolonged recession, property values on Long Island depreciated by 8% every six months. If my house cost \$200,000 originally, how much was it worth 5 years later? Round your answer to the nea... The manager at a food distribution warehouse takes temperature F Day 8:00 A.M. 4:00 P.M. 1 33 36 2 35 37 ... Given the following Group Multiplication Table attached, answer the following questions. (a) What is the identity operator? (b) What is the inverse of K? (d) Show... Suppose you have at your disposal a collection of weights of values: 1, 3, 32, 33, 34, . . . grams. There is exactly one of each type of weight: in other words, you have access to exactly one weight o... Find the polar representation of (i - fl) 6. Find all the values of x so that x4 = -8(i - x73) 7. Given 2 not real and |z| = 1, Show that w = ;-: is a pure imaginary number 8. Calculate all... You are studying the production of a protein in hibits its own production. You notice that when the cells are cultured at a lower temperature than usual, protein production star... La ganancia trimestral de una empresa (en miles de dólares) está dada por: , donde x (en miles está dada por: , donde x (en miles de dólares) está dada por: , donde x (en miles de dólares) está dada por: , donde x (en miles de dólares) está dada por: , donde x (en miles dada por: , donde x (en miles dada por: , donde x (en miles following IP: min $3 \times 1 - 2 \times 2 + 3 + 10 \times 4$ s.t. $1 + 2 + 2 \times 3 2 3 10 \times 1 + 34 2 7 2ac2 + 7203 + 204 2 3 21 + 2 + 3 + 4 > ...$ Calculate the BMI for the following (For each one of these, please indicate if their BMI reflects good health, overweight, underweight, underweight, underweight, underweight, underweight, etc.): 30 y/o?... Given the following Graphs: Graphs G1 d g Graph G2 k m Graph G3 X (a) Decide which two graphs are isomorphic. Justify this with an isomorphism. (b) The other graph is not isomorphic to the two which a... 1 . Assuming simple interest, determine Paul's initial deposit if his account grew to \$4,500 in 7 years, 6 months at an APR of 2.75%. 2. Assuming continuous compounding, how much would Susan have t... 28 pts] Indicator Random Variables i[1n] is an array. In addition to A you are given 2 other structures that are built from A: a binary tree T and a m x m 2D matrix M. In each of Local minima are... please help with this question!!! I've already submitted this question? technology (2 marks) g) Draw the line of best fit.... coding theory:. Starting from the (4, 8, 2) even-weight code (see Exercise 2.4) and the (4, 2, 4) repetition code, apply Exercise 2.4) and the (4, 2, 4)
repetition code, apply Exercise 2.4) and the (4, 2, 4) repetition code, apply Exercise 2.4) and the (4, 2, 4) repetition code, apply Exercise 2.4) and the (4, 2, 4) repetition code, apply Exercise 2.4) and the (4, 2, 4) repetition code, apply Exercise 2.4) and the (4, 2, 4) repetition code, apply Exercise 2.4) and the (4, 2, 4) repetition code, apply Exercise 2.4) and the (4, 2, 4) repetition code, apply Exercise 2.4) and the (4, 2, 4) repetition code, apply Exercise 2.4) and the (4, 2, 4) repetition code, apply Exercise 2.4) and the (4, 2, 4) repetition code, apply Exercise 2.4) and the (4, 2, 4) repetition code, apply Exercise 2.4) and the (4, 2, 4) repetition code, apply E following attempt to prevent IND-CCA attacks. As before, the message space is a set of all strings who... Give the PDA that recognizes the language of the following CFG: Start variable: S Variables: B, S, X Terminals: 'a', 'b', 'c' Rules: B $\rightarrow \epsilon$ B $\rightarrow \chi$ B 'c' S \rightarrow B S $\rightarrow \chi$ S 'c' X \rightarrow 'a' X \rightarrow 'b' wr... AutoSave On . g $\sim \sim \sim$ MPM2D Evaluation 2 – Last Modified: 11m ago O Search bini waves X File Home Insert Draw Design Layout References Mailings Review View Help Share Comments v 12 ~ A" A Aav AD ... a. Write an Add To problem that fits naturally with the equation dishy (-4) + 3 = ? Solve the problem, and explain why the solu- tion makes sense. wolf tie b. Write a Take From problem that fits na... when the class was asked to pose a meaningful problem that corresponds to the division 14 (divide by) 3, Peters problem was answered by 4, Tinas by 5, and Andreas by 4 with a remainder of 2. careful... Kabe invested a lotal of \$4000, part at 2% simple interest and part at 3% simple interest. At the end of 1 year, the investments had earned \$96 interest. How much was invested at each rate? Katie inve... Consider the differential equation y"+ Ary = 0 (1) (a) Show that the change of variables w = \$1, z = c Ey turns this into Bessel's equation with P = 3. (b) Hence write down the solution set for (... A couple wants to have exactly two female children - they will have children until this condition is fulfilled. A discrete random variable X is defined as the total number of children the couple has w... Question 3 of 8 Tiffany paid off his student loan in 6 years by making payments of \$350 at the beginning of every month. The interest rate on his loan was 6.80% compounded monthly. a. Calculate the si... s.// classroom.google.com/u/2/c/NDIXOTM5NjQONzkw/a/NDQwNjewMTk2NjQ5/details (20 points) Consider the vote count for the hypothetical election results shown below. Candidate B 90 ... Please show workings clearly.. Please show workings clearly. Please s 272642((+5) - 11 = 215 see the attachment. Direction. Answer the following: Finds the roots of equations using required relative error dk - 0.001 1. Using Newton's Method, find two of the roots of x5 - 4e* + 3 = x. Use x ... Mixture Problem. How much of a 82% solution of ethanol should a chemist add to 2700 mL of a 33% solution to obtain a 56% solution? C A wealthy group of mathematicians wish to pool their vast resources and invest the sum. The investments will be divided among a high risk option earning 12%, an intermediate option is (check all that apply): transitive anti-symmetric O symmetric O reflexive D Question 17 ... If the objective function is P = 5600x + 3500 y what extreme points provides the optimal value? thank you expert. Given f: ARA such that f(X) = -22 + 11. Explain why f does not define a function. 2. Modify the mapping to make f an onto function. 3. Show that the new function is 1-1. Simulate a binary classification dataset with a single feature via a mixture of normal distributions using R (Hint: Generate two data frames with the random number and a class label, and combine them ... 9 Homework @ Saved Rhonda Brennan found her first job after graduating from college through the classifieds of the Miami Herald. She was delighted when the offer came through at \$16.40 per hour. She c... Sir, I need this blue line explanation step by step just need the instruction for each part . Module 3.1b Suppose f and g are differentiable functions with the values shown in the following table. F... Please help with the following, Thank you.. Question 5 10 pts What is the cardinality of each of the following sets? Pick the cardinality of the set. S = {a, {o}, } [Choose] S = 1 S = {a,... eBook Problem 4-11 (Algorithmic) Following is the payoff table for the Pittsburgh Development Corporation (PDC) Condominium Project. Amounts are in millions of dollars. State of Nature Decision Altern... A truck comes to rest after a uniform acceleration of -7 m/s² for 0.08 minutes.what distance does it travel during this time? Find the function value. Round to four decimal places as needed.) For the remaining questions using only the numbers 0, 1, 2, 3, 4, 5, 6, find the number of possibilities in each category. The number of three digit numbers. Exercise 2. Faraday Motors (FM) is trying to determine what size of manufacturing plant to build for a new 100% electric smart car it is developing. Only two plant sizes are under consideration: large... Determine analíticamente y gráficamente la posición de la cuchilla a 50° y su máximo desplazamiento de la cuchilla así como su diagrama cinemático y realice una grafica de la posición del pist... A piece of metal is 14 3/4 inches in length, and has 16 drilled holes is 12 3/1... After reviewing the expected results from the model developed by the consulting firm, Super Grain would like to investigate additional advertising options (in addition to the ones listed above) with t... We are a new staffing agency, and we are trying a different method of charging customers instead of inflating the price of a worker by 100% an hour So we want to compare the price of if charging the c... Analyze Rachel's performance. Was she correct in her answers and/or her reasoning? How would you describe her grasp of mathematics? Is her teacher the type of teacher you would aspire to be and... California Mega Millions 53,000,000 6 total balls, 5 regular, 1 golden multiplier ball Describe the lottery game. How many numbers are involved? Is her teacher the type of teacher you would aspire to be and... California Mega Millions 53,000,000 6 total balls, 5 regular, 1 golden multiplier ball Describe the lottery game. How many numbers h... Answer the following problems involving compound interest. Present all the necessary solutions. 1. Mike Buiser has just been notified that the combined principal and the interest on an amount tha... How many 40' ocean containers do you think are required to move this shipment most economically? 600 boxes Dimensions of each: 50" × 50" × 50" × 33 in, the weight of each box is 1200 kg / keep upright but... A fund of Rs 8981.28 is created and deposited in a banking paying compound interest at 8% pa so as to pay the annual rent to the house owner for 6 yrs. If the rent is payable in the beginning of each ... Discount Amortization On the first day of the fiscal year, a company issues a \$8,500,000, 6%, 6-year bond that pays semiannual interest of \$255,000 (\$8,500,000 x 6% x 1/2), receiving cash of \$7,702,26... Chi-square tests for independence assess whether: A. two scale variables are associated. B. the means of two samples differ significantly from each other. C. two nominal variables are independence assess whether: A. two scale variables are associated. B. the means of two samples differ significantly from each other. C. two nominal variables are independence assess whether: A. two scale variables are associated. B. the means of two samples differ significantly from each other. C. two nominal variables are independence assess whether: A. two scale variables are associated. following questions. Part 2: 1D Kinematics Basic Information: a is constant. v = vo + at v + vo U = 2 As = =at2 + Vot 12 = v2 + 2ads Directions: Please use the format given in class. You mus... ID: A Name: IS 13. For what value of x is the instantaneous rate of change in the function whose graph appears below 0? 14. A distance versus time graph is shown below. What is the instantaneous rate ... Suppose there is an angle $\theta\theta$ inscribed in a circle and this angle subtends an arc of length 5. If $\theta = 7\pi 4\theta = 7\pi 4\theta$ y'' - xy' - y = 0 with y(0) = 0, y'(0) = 1 are given by : Oltx + 4x 6:03 M # N . (b) How much would it cost the client for an overseas call with a duration of 55 minutes? Problem Set: C (1) Find the inverse of the function f(x) = 2.x+3 x-4 (2) Solve the following (i) ... sir i am stuck for this question. Math problem num = [0.1, 0.2, 0.3, 0.40, 0.50, 0.60, 0.70, 0.60, 0.70] 0.8, 0.9, 1.00, 1.10, 1.20, 1.30, 1.40, 1.50, 1.60, 1.70, 1.80, 1.90, 2.00, 2.10, 2.20, 2.30, 2.40, 2.50, 2... Consider a binomial experiment with n = 5 trials where the probability of success on a single trial Is p = 0.45. (a) Find P(r 2.1) by using the complement rule. Step 1 (a) Find P(r ... If the x-axis of a frequency polygon illustrates three classes (0< 4, 5< 10, and 10< 15) and the y-axis illustrates the class frequencies (2, 10, and 18), then the correct set of x-y coordina... The semiperimeters of regular polygons with k sides that inscribe and circumscribe the unit circle. Geome... Lucy, Helen, and Kristina each invested \$7,000, \$21,000, and \$17,000, respectively, into a business. The business made profits of \$390,000 in its first year and the owners decided to distribute the... DETERMINE EL VALOR DE LA CUOTA TRIMESTRAL DURANTE DOS AÑOS PARA CANCELAR UNA DEUDA DE \$20.000.000 CONTRAIDA EN BANCOLOMBIA AL 18,59410431% NSA Step 1. Step 2. Step 3. ind the Least Multiply so that both fractions Compare fractions Compare fractions compare fractions mon Multiple (LCM) have the LCM as the denominator. <, > or = 14 2/3 X3 IN x4 1/4 < 2/3 4, 8, 12 x3 x4 ... La cantidad de penicilina
en el cuerpo de un paciente en t dias despues de ser administrada esta dada por la funcion C (t) = 2 e . unidades. Determine la cantidad promedio de penicilina que estara pre... A plate of thickness L is initially at zero temperature. For times t > 0, the boundary surface at x = 0 is subjected to a heat flux f(t) varying with ti... please help. Given that $f(r) = [g(x)^*, g(0) = 3, and g'(0) = -1, find the surface at <math>x = 0$ is subjected to a heat flux f(t) varying with ti... please help. Given that $f(r) = [g(x)^*, g(0) = 3, and g'(0) = -1, find the surface at <math>x = 0$ is subjected to a heat flux f(t) varying with ti... please help. Given that $f(r) = [g(x)^*, g(0) = 3, and g'(0) = -1, find the surface at <math>x = 0$ is subjected to a heat flux f(t) varying with ti... please help. Given that $f(r) = [g(x)^*, g(0) = 3, and g'(0) = -1, find the surface at <math>x = 0$ is subjected to a heat flux f(t) varying with ti... please help. Given that $f(r) = [g(x)^*, g(0) = -1, find the surface at <math>x = 0$ is subjected to a heat flux f(t) varying with ti... please help. Given that $f(r) = [g(x)^*, g(0) = -1, find the surface at <math>x = 0$ is subjected to a heat flux f(t) varying with ti... please help. Given that $f(r) = [g(x)^*, g(0) = -1, find the surface at <math>x = 0$ is subjected to a heat flux f(t) varying with ti... please help. Given that $f(r) = [g(x)^*, g(0) = -1, find the surface at <math>x = 0$ is subjected to a heat flux f(t) varying with ti... please help. Given that $f(r) = [g(x)^*, g(0) = -1, find the surface at <math>x = 0$ is subjected to a heat flux f(t) varying with ti... please help. Given that $f(r) = [g(x)^*, g(0) = -1, find the surface at <math>x = 0$ is subjected to a heat flux f(t) varying with ti... please help. Given that $f(r) = [g(x)^*, g(0) = -1, find the surface at <math>x = 0$ is subjected to a heat flux f(t) varying f(t) = -1, find the surface at <math>x = 0 is subjected to a heat flux f(t) varying f(t) = -1, find the surface at <math>x = 0 is subjected to a heat flux f(t) varying f(t) = -1, find the surface at <math>x = 0 is subjected to heat flux f(t) varying f(t) = -1, find thef' (0). The ages, in years, of the Il reporters who work at a newspaper are listed below. 28. 45. 61, 40. 55. 58. 33, 27, 35, 33, 46 a) Make a stem-and-leaf plot of the reporters' ages. Be sure to include... Advanced Math 2. (using SageMath) Euler's Theorem states that ry = 1 (mod n) when god(x, n) = 1. Consider what happens when ged(x, n) # 1. For n = 100, determine all possible values of z?() modulo n f... A room air conditioner causes a temperature change of $-(3.7 \times 10^{\circ}0)^{\circ}$ C. What is the temperature change in kelvins to two significant figures? Consider air at P = 1.00 atm. The average molecula... This problem relates to the revised simplex method. I need some help with these problems, I don't know where to start.. Your colleague is working on the following LP problem: Maximize z = -I1 +12 +213... Two fair tetrahedrons (4 sided), each with equal sides numbered from 1 to 4, are identical except that one is red and the other white. If the two tetrahedrons are tossed and the number on the bottom f... Compute Goods available for sale: RO myleoonline.tamuc.edu B Posttest... A AC A N sttest 1 AC Time Left:0:35:06 Allyson Finch: Attempt 1 X (Learning Outcome 6) Use the following information (definition 17.1) (theorem 17.2). 4. Let f: N - R be a real-valued function defined over the set of natural numbers. Either prove Wiring Systems has 50 crimping machines that are utilized in the crimped and cutting process. Each machine is utilized 24 hours a day for 350 days a year and it has a power consumptio... Tanto Inglaterra como Escocia producen panes y suéteres suponga que un trabajador inglés puede producir en una hora 50 panes o un suéter suponga también que un trabajador de Escocia puede producir... Sir i am stuck for this question. Find the derivative of g(2) = 4x(1 + 2x) + 21n(2) in z = 2. g' (1) = . 11 Question 11 Write down the limit definition of the derivative of the function f at the point ... If a stack of 60 widgets measure 24 centimeters, what is the thickness of each widgets? I'm struggling with this math problem. what is brainly tutor - Bing * + le.com/document/d/1mAibCtorg/hm2WH2: JZRePyt4BUFbASWMyLL pP2hUB/edit#heading=h.gjdgus BOARD WORK FOR 804 (October 15, 2021) # @ @... D show that () 6 (x x) = 2 Unk) Un (x) were Gis n 1 - 24 green functions on the interval 0, 1]. Prove that thereas is a point c E [0, 1] such that $f(c) = \inf A$, where $A = \{f(x) : 0 < x < 1\}$. [5] The speed-time graph shows the motion of a particle for a period of 15 seconds to the last 6 seconds is 5 : 3.... this is the link to the images of the question Please help. Word Problem Question 2: (You have to submit an image of your FULL solution to the question in eConestoga -> Course Tools -> Assignments [Final Exam Submission]) Datastream Incorpor... 0/ - VAA correct comparison? al- CO - 1 Use the fraction strips shown. Which choice shows a Sir i am stuck for this question . (5 points) Consider a pendulum of length Lin m. It should have an angle of deflection Oin rad, The DGL applies: $+ \sin 0 = 0$ dt2 where should be used of = 9.8 m s ... differential equation. What is the general solution of the given ODE * 3 points dy $+ 3x^2y = 6 \times 2$ dx y = 3 + Ce-x3 Option 1 O Option 2 y = 3 + Ce-x3 Option 3 Option 3 Option 4 DAY CARE COMES TO NORTHVILLE Northville, a investment earn in ... Part A: Multiple Choice: Knowledge [10 marks] Identify the choice that best completes the statement or answers the question. 1. Which graph of the following functions: use wolframalpha. 20(S+3) 50 a) F(s) = b) G (S) = S(S+4) (5+10) (S+5+100/)(\$+5-100)) a) Determine the equation of the cubic function with zeros -4, 2, 3, and f(5) = 120 b) Determine an example of an equation for a function with the following characteristics: Degree 3, a double root at ... I can't figure out C... You have a \$1,500 balance on your 10% credit card. You have lost your job and been unemployed for 6 . Selection Process The choice of materials for springs of minimum volume is shown in Figure 2. A family of straight parallel lines (bold blue and black dotted lines) ... I need to design math bulletin board. This is a concept board bulletin board months. You have been unable to make any payments on your balance. However, y... explain please !!!!!! for mathematics that teaches EQUIVALENT FRACTIONS Provide a written explanation of your concept design. Your bulletin b... tell me if the x=5,y=4 and z=2 so what is the ans of the following picture. 2x - 3y + 5z xy + yz (10y + 5z) + 2x How many ways are there to choose a panel consisting of 2 of 3 Republicans and 2 of 5 Democrats? Complete the truth tables in # 7 - 9: 7. P Q ~P (~PAQ) 8. P Q (PVQ) [(P V Q) AQ] 9. P Q ~Q (P ... could you please explain the answers to this question especially at how they arrived at p0,p1,p2,p3 and how they arrived at p0,p1,p3,p3 and how they arrived at p0,p3,p3 and how they arrived at p0,p3 and how they arrived at p0,p3 and mean of 12; x; 2 and the geometric mean of 16; y;4 sequences. Show all the calculations. [6] 2. A series is given by the summation f... Please help with Task 2 ASAP. The Algorithm is attached.. Task 2. (by hand) Consider the algorithm below. Show that the factorisation requires 3 n mul- tiplications and divisions.. Algorithm To factor... Question 11 Look at the graph below. Graph 1 is f(x)=3x+2. Three other graphs are drawn on the same set of axes. What is the equation on graph 2? Choose the best available answer below Question 11 ... How much was deposited in an account on June 15, 2018 in order to have a balance of \$5,300 on February 22, 2020? The account earns 2.55% compounded quarterly. 0 minutes. lo.11 remaining. Show Intro/Instructic A 6-ounce serving of grapefruit juice? There are in 20 ounces of grapefruit juice? There are in 20 ounces of grapefruit juice? There are in 20 ounces of grapefruit juice? gift certificates, seven \$20 gift certificates, and eleven \$15 gift certifica... 14 July 31 \$3,871.35 Question 5 [5 points] SunBlush Technologies paid \$2,000 on August 20, and \$2,000 on August 15 with terms 3/10, n/15. function # is multiplicative. Prove that Euler's phi-functions in 2020: there are 3 sectors namely Government (Gov), Agriculture (Agr) and Manufacturing (Man). Gov's final request of 75, Agr of 15 and Man of 30. ... 3) I expect a hard answer because graphing is one of my difficulties but i hope that's at least a little easy . {a} [4 points} Let x and y be two prime numbers greater than 2. Prove that x + y canno... Which of the following algebraic expressions should be used to model the sentence below? The sum of three consecutive odd integers, if x+1 is the first odd integer A) x+1+x+3+x+5 B) x+1 ÷ x+... Q.6 The numbers of cars, Ni = ki, i = 1, 2, ...,n, passing a particular point on a rural road are recorded during n non-overlapping time-intervals, each of duration 5 minutes, as displayed in Table Q.... Please provide codes, step by step solutions and reasonings to the questions below: 1. Implement Tausworthe pseudo-random number generator. (You may use matlab, python or Excel). 2. Please carry out... Testing: Ho:u = 19.6 H1:u # 19.6 Your sample consists of 36 values, with a sample mean of 20.2. Suppose the population standard deviation is known to be 4.46. a) Calculate the value of the test statis... Please it's urgent. Question (a) Let f(x) = 57 be a continuous function for every r E R. (i) Use the Lagrange interpolation and find a polynomial p(x) of degree at most two that agrees with this funct... Answer directly no explanation needed, answer as fast as you can this has time limit. Question 6 Solve the inequality Not yet answered log5 x - 3 - 7 Marked out of 3.00 Select one: Flag question O a. ... Define F : R3 -> RA by -X1 + X3 F 2 = x1 + 2×2 + 3×3 T3 X1 - X2 - 3×3 Find a
basis of the range (or image) of F. What nominal annual rate, compounded monthly is equivalent to 5.2% compounded semi-annually?. What nominal annual rate, compounded semi-annually is equivalent to 6.3% compounded quarterly? Select one:... . Stevic delivering the Saturday paper. He earns \$4 for each Sunday paper. He earns \$4 for each Saturday paper. He earns \$4 for each Sunday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He earns \$4 for each Sunday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper and \$12 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earned \$36 delivering the Saturday paper. He has already earn 2,500,000 million phones sold in Quarter I of this year, how many more phones were sold by Talk to Me than by Connect2U? Manufacturer Market Share in Q... Please provide Handwritten answer. 5. (PRACTICE WITH DIFFERENTIAL 1-FORMS) X2 2 0 1 2 3 CALCULATE the value of the 1-forms (=covectors) wl = dal, w2 = x'dx2 and w3 = d(r)2 ((r)24 and w3 = d(r)2 (r)24 and w3 = d(r)24 and w3 = d($= (x_1)_2 + (x_2)_2)$ on th... Two days ago I was 20 years old. Later next year I will be 23 years old. Explain how this is possible. MA 161-USP- DISCRETE MATHEMATICS. Use this recursuve algorithm below to find f(2). Procedure f(n: nonnegative integer) if n 0 then f(n) :- n + f(n/2) else f(n analysis. thanks. Problem 1.+ $C=C1+(0)=\{z: [z/=1\}$, find solution.+ (1) dz (2) dz (3) Idzl (4) 14 1 1d=1 02 C Z 02 C El Costo de fabricar zapatos depende de la cantidad x producida de acuerdo con la función, ?(?) = ? 2 + 3? + 7. Así, el costo por fabricar zapatos depende de la cantidad x producida de acuerdo con la función, ?(?) = ? 2 + 3? + 7. Así, el costo por fabricar zapatos depende de la cantidad x producida de acuerdo con la función, ?(?) = ? 2 + 3? + 7. Así, el costo por fabricar zapatos depende de la cantidad x producida de acuerdo con la función, ?(?) = ? 2 + 3? + 7. Así, el costo por fabricar zapatos depende de la cantidad x producida de acuerdo con la función, ?(?) = ? 2 + 3? + 7. Así, el costo por fabricar zapatos depende de la cantidad x producida de acuerdo con la función, ?(?) = ? 2 + 3? + 7. Así, el costo por fabricar zapatos depende de la cantidad x producida de acuerdo con la función, ?(?) = ? 2 + 3? + 7. Así, el costo por fabricar zapatos depende de la cantidad x producida de acuerdo con la función, ?(?) = ? 2 + 3? + 7. Así, el costo por fabricar zapatos depende de la cantidad x producida de acuerdo con la función, ?(?) = ? 2 + 3? + 7. Así, el costo por fabricar zapatos depende de la cantidad x producida de acuerdo con la función, ?(?) = ? 2 + 3? + 7. Así, el costo por fabricar zapatos depende de la cantidad x producida de acuerdo con la función, ?(?) = ? 2 + 3? + 7. Así, el costo por fabricar zapatos depende de la cantidad x producida de acuerdo con la función, ?(?) = ? 2 + 3? + 7. Así, el costo por fabricar zapatos depende de la cantidad x producida de acuerdo con la función, ?(?) = ? 2 + 3? + 7. Así, el costo por fabricar zapatos depende de la cantidad x producida de acuerdo con la función, ?(?) = ? 2 + 3? + 7. Así, el costo por fabricar zapatos depende de acuerdo con la función, ?(?) = ? 2 + 3? + 7. Así, el costo por fabricar zapatos depende de acuerdo con la función, ?(?) = ? 2 + 3? + 7. Así, el costo por fabricar zapatos depende de acuerdo con la función, ?(?) = ? 2 + 3? + 7. Así, el instructional sequence to teach children how to change percents like 1/2%, 3/4%, or 5/8% to decimals. Provide a step-by-step sequence of instruction..... Date 4. Luc earns \$23.20 per hour pouring concrete. He usually works 44 hours per week and is paid bi-weekly. a) How many hours will Luc work in a 2-week period? Bohours 4 4 x 2 (week) Construct a truth table for the statement. ~(~PAq) Complete the truth table. st P q ~(~PAq) F ents F T F E xt Please write all the steps clearly. Thank You. . (1) The exact formula for the period of a simple pendulum is T = 4VL/g So do V1-k2 sin2 d where g is the acceleration due to gravity, k = sin a/2, a is... Remaining Select the correct loops to simplify the given function in POS (product of sumer form: Note To select loops then wrap around the edges of the table, god must select both sections that exend ... 5} Bruce has \$10!!) to invest for 5 years. Without calculating, choose the investment that will have the greatest ammt at Why. a] A SIC that earns 4.91: compounded guarterly. b} A SIC that earns 4.91%... Read the scenario below and answer the given questions by choosing the correct answer. The side effects of a new drug are being tested against a placebo. A simple random sample of 565 patients yields ... Assessment Directions: Read the questions carefully. Write the letter that corresponds to your answer on the provided separate answer sheet. 1) Find the equation of the line with slope -2 and passing ... reed full explanation and calculation if needed plz and thank you. you can use other than jupiter notebook if u need so.. Problem #3 (6 points) Part 1. You are a TA for APMA 035D. and a student comes ... Find the cost of a home in 30 years, assuming an annual inflation rate of 1%, if the present value of house is 225,000 4 Linear Recursion relations with constant coefficents 1. Solve the recursion relation $g_0 = 91 = 92 = 4$, In - 6gn-1... Question 13 (1 point) Find the derivative of 852 L(D) = + D 3D Choose the best available answer below O L'(D)=-16SD-2+1 O 852 L'(D) = 1 - 3D2. Question 12 (1 point) Find the derivative of V(r)=4mr3 Ch... A student sientist wants to construct a solar cooker which is the shape of parabolic dish with a diameter of 6 feet and a depth of 1 foot.where should the cooker (focus) be located to get the maximum ... This is a graph theory problem . Let On be the cycle of length n, meaning the graph with vertices {1, 2, ..., n} and edges {12, 23, ..., (n - l)n,n1}. C4 is pictured below. How many spannin... 2. Someone needs to borrow \$10,000 to buy a car and the person has determined that monthly payments of \$200 are affordable. The bank offers a 4-year loan at 8% APR, a 5-year loan at 8. Ryan, a consumer electronics salesperson, eams a base salary of \$1800 per month and a commission of 8% on the amount of his... Assign a grade to each answer for those that are incorrect. Why do you think the student need erred? . 14. [-/0.57 Points] DETAILS LARMPMT1 2.2.002. 0/100 Submissions Used In an activity, a student gav... I just need the answer. Jane eats % of a cup of cereal for breakfast every day. If the box contains a total of 24 cups, how many days will it take to finish the cereal box? PLEASE FULL WORKING OUT . Section 2 Part C A wind turbine is subjected to forces caused by the 1 wind pushing against the blades and the tower. These forces can be simplified to tWfl point loads: th... Glenn bowls in a bowling league every Saturday morning. Last Saturday, the scores from Glenn's first 3 game... 2nd-order ODE /w Finite Difference Method . The following equation describes how reactant/substrate concentration s changes with radius r and time t in a spherical bead with catalyst evenly distribute... Sir i am stuck for this question . 11. Find an equation for the ... Question 2 a. BB research is a not-for-profit organization in Australia. They seek your help to decide the sampling plan one would choose to collect data for following research. In each case, you are ... a) A fair 8-sided die is tossed. What is the probability that the numbers 4 or 6 or 3 or 2 are tossed? b)A card is drawn randomly from a standard deck of 52 cards. Find the probability of the gi... All held questions will be shown to you again at the end of this test. You have held 8 questions so far The ordered pair (5, - 3) is a solution to which of the following inequalities? O y2 - 2x + 8 O ... Have you ever tried to get out of jury duty? About 25% of those called will find an excuse (work, poor health, travel out of town, etc.) to avoid jury duty, + LO USE SALT (a) If 15 people are called ... Just tell me if it's true or false without explaining. Previous Page Next. What pattern can be seen in the integers and counting. Previous Page Next Page Page 1 Question 11 (2 points) For nonzero constants a, b, and C, then a + b . c = ac + bc. True O False Previous Page Next... What pattern can be seen in the integers and counting. numbers? example: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, and so on .
Given following data (x,f(x) = (1,4), (2,4) and f'(x) an directional field analysis on the DE, plot the qualitative behaviour of the solutions. Hint: You do not need to solve the DE. First determi... Solve it for me. 2.2 Application Problems Nam 2.2.3 Describe the process and reasoning of recondling/ 2.2.4 Distinguish transactions to identify ones outstand 2.2.5 Complete reconciliation given bank ... QUESTION 1 (a) Consider the system of second order differential equations, $I' = (I')^2 + 4 - I y'' = -I$ with initial values r(0) = 1, y(0) = 2, x'(0) = 0, y'(0) = -1 Convert the system into a system ... algebrics structures. 0 1 0 O Let X = 1 O O Y = -1 1 0 E GL(3, C) O 0 0 Fill in the blanks: The order of X is The order of Y is True or false: For all groups G. if x, y E G are elements of finite order... SKRD Ltd received an invoice for \$2,874 that had payment terms of 6.5/10, n/30. If a partial payment of \$650 is made during the discount period: a) Calculate the amount credited for the payme... Based on the common knowledge at the beginning of period t, determine whether or not it is the case that S? = S, ? If it is, clearly and carefully explain why; if it is not, clearly and carefully e... The Bag&Go is a company that makes luggage suitcases. They want to schedule the production of their model, they anticipate the following demand and unit p... Show full solutions 1. The sta ana high school swimming pool had three inlet pipes. One can fill the pool in 4 hours, the second can fill it in 5 hours while the third can fill it in 249 minutes. The ... Please show solution. 4. Fill in the missing totals, then use this table to figure out the answers to the questions below (worth 24 marks) Dogs Cats Birds Exotics Total Jan- March 265 141 99 22 Apr- J... kindly solve it with proper steps. 3) Show explicitly that En f(2n)v(5 - n), if k even, F (v)(k) = En, f(2n + 1)v(4-1 -n), if k odd. In this problem we outline a proof of Theorem 7.4.3 in the case n=2.n=2. Let x(1)x(1) and x(2)x(2) be solutions of Eq,(3)Eq,(3) for $\alpha < t < \beta, \alpha < t < \beta$, and let WW be the Wronskian of x(1)x(1... Question 3 (35 Marks) One of the standard equations for calculating the heat capacity (specific heat) of a gas at a specified temperature is the third order polynomial C. =a+bT+cT +d7. If the coeffici... Question 3 (5 marks) Refer to Attachment 3 'The Monsanto Monopoly' and 'The Growing Global Challenge to Monsanto Solution 3 (5 marks) Refer to Attachment 3 'The Monsanto Monopoly' and 'The Monsanto Monopoly' and 'The Growing Global Challenge to Monsanto Solution 3 (5 marks) Refer to Attachment 3 'The Monsanto Monopoly' and 'The Growing Global Challenge to Monsanto Solution 3 (5 marks) Refer to Attachment 3 'The Monsanto Monopoly' and 'The Monsanto Mo answer all parts to this question. I will make sure to upvote!. 2. Expand $(1 + x)^{"}$ using Newton's binomial formula to show the identity of + On + ... + On = 2", where Of stands for th... Let (X? E? u) be an abstract measure space. ShoW that if sets E1? E2? . . . are measurable and if E1 Q E2 Q - - - "(91%) : lim MEk). k—>00 ? then (equivalently, show that continuity from below ... Could you use Solver Method in Excel to solve this question? Thank you!. The objective of the exercise is to apply solver to resolve an optimization problem with a linear objective. Minimize the cost ... ~ 2 days 0/8 QUESTION 4 . 1 POINT Leander planted 100 acres with soybeans and he plans to increase his field size by 3% each year. If Leander wants to stop growing his farm after he hits 250 acres, af... Hello, How can I use a manual geometric series calculation? The values I have to do the same process for di... 1.Kevin McCallister buys a leather jacket listed for ₱190. He is devoted to an important task in numerical approximation: Given a function f in the interval (a, b, and a polynomial p & P" of maximal degree in which has the property ma... Question 10 of 10 Lush Gardens Co. bought a new truck for \$52,000. It paid \$4,680 of this amount as a down payment and financed the balance at 4.47% compounded semiannually. If the company makes paym... Please provide Handwritten answer. Advanced Math Write the P(k+1) expression in all the problems below. please use the table concept. . 11. 1×2+ 2 x3 + ... + h(nti) = 1(n+1)<n+2 12. 3 1×2 + 2 ... Unit Topic Lesson 4 Practice Problems A shopper buys eat food in Bags of 3 iba. Her eat eats : Ibjeach week. How many weeks does BAP bap lasts Drew a ddiagram to represent the situation and label your... can I get answers. 4. Rajah 4 ialah gambar rajah Venn yang menunjukkan set U, set V and set W. Diberi bahawa set semesta, \$ = UU VOW. U .2 .4 .3 Rajah 4 Diagram 4 Senaraikan semua elemen bagi set Un W... IMPERMEABILIZACION DE UNA PISCINA Según la recomendación de una piscina se debe realizar en 2 pasos, primero se aplica una mano de impermeabilizante y se deja... Question about diagonalizable? How many ways can 8 DVDs be arranged on a shelf? 2. A pianist plans to play 6 pieces at a recital from her repertoire of 27 pieces, and is carefully considering which song to play first, second,... what technique is being used And now May, too, is fled, / The flower-crowned month, the merry laughing May, simple de longitud L=0,800m tiene una masa M=0,250kg. ¿Cuál es la tensión en la cuerda cuando está en un ángulo y=12,58? Muestra tu trabajo. Find all integer solutions of the form (m,k) to the equation 5m+7k=1 , Suppose that Frida selects a ball by first picking one of two boxes at random and then selecting a ball from this box at random. The first box contains two white balls and three blue balls, and th... Solve it pls. . Show that expressions of Ox, Oy, Try into polar coordinates. The expressions of Ox, Oy, Try into polar coordinates. The expressions are given below for reference. 180 1 azo OF = r ... H Kid 2. Are the following functions even. odd or neither? a] $f{x1 = |2x| b} f{x} = x + 4$:2] fix) = [-232 d] fix} = 4×5 + 3×3 3. Sketch a graph that has the following characteristics; i] The function i... (20 points, 10 points each): Consider an M/ G / 1 system in which bulk arrivals occur at rate A, and with probability 9.— that 1' customers arrive together at an arrival instant. (In other words,... hello dear, please help me this question in game theory with explanation, thank you so much. Question 5 (20 marks) The following normal form game has three Nash equilibria. Player 2 A B C 7, 1 1, 2 ... The ABC Hotel. Round up all numbers to 2 decimal places. Mary Smith, manager of the ABC Hotel. Round up all numbers to 2 decimal places. (the u... Hi can you help me solve this questions. PROBLEM 1: POLY ROLLER COASTER 1. Determine a possible algebraic equation for the rollercoaster below. a. FACTORED FORM b. STANDARD FORM 50 (-2, 0) (2, 0) (3, ... (10 points) Recall that the transitive closure G* = (V, E*) of a directed graph G = (V, E) is obtained by defining the edge set E* := {(s, t) E V x V | there is an s ~ t path in G of at least one edge... This one. k2 m2 m1 System of masses and springs. (1 point) Consider a system of two toy railway cars (i.e., frictionless masses) connected to each other by two springs, one of K2 WWW m2 which is atta... Assume that x has a normal distribution with the specified mean and standard deviation. Find the indicated probability. (Round your answer to four decimal places.) LO USE SALT H = 48; 0 = 15 P(40 S X ... Given the table below; what is the median? Group Frequency 1 - 10 40 11 - 20 28 21 - 30 20 31 - 40 17 41 - 50 5 Please only choose the correct answer, no need for explanation.. Cables stretch from each end of a bridge to a 4.5 m column on the bridge. The angles of elevation from each end of the bridge to the to... Lorax Inc. is making a forecast of their future production (Thneeds/year) can be modeled by the following differential equation: L'(t) = ... Please tell me the answer. 2. Dapatkan semua akar persamaan z* + 8 + 8v3i = 0 3. Dengan aturan Cramer, dapatkan nilai 24 untuk sistem persamaan linear berikut: T1 + 12 + 13 + 14 = 10 2×1 + 212 + 213 + ... I have a question about the EXCEL worksheet problem. If linking to another worksheet should the source sheet precede or follow the requesting sheet A.it doesn't matter, Excel calculates in seemingly r... HELP ME ANSWER THIS PART 2: MATCH WHAT IS DESCRIBED FROM COLUMN A TO THE CORRECT FUNCTION FROM COLUMN B. COLUMN A _____1. the graph of P(x) = x5 was translated three units to the right 2. The... Find the coordinates of the maximum of the function $f(x_1, x_2, x_3) = \sin(2.5 \times 1 - x_2 - x_3)$ x_3 × sin(1.5×2+x3)×sin(x_3)f(x1,x2,x3) = sin(2.5×1-x2-x3)×sin(1.5×2+x3)×sin(x_3) in the range 0 ≤ x1 ≤ \pi, 0 ≤ x2 ≤ \pi, 0 ≤ x3... Dividing Rational Numbers Practice: Dividing Rational Numbers Practice: Dividing Rational Numbers 4.2 4 Prac what the rectangular form of Z will look like? Show necessary steps that lead to the answer. Define C, L, 0, and I. Give the results for p=0.45 and p=1.0 that you have calculated for Figure 15.2. A simple random and and and and and and a start of the results for p=0.45 and p=1.0 that you have calculated for Figure 15.2. A simple random and the results for p=0.45 and p=1.0 that you have calculated for Figure 15.2. A simple random and and and a start of the results for p=0.45 and p=1.0 that you have calculated for Figure 15.2. A simple random and a start of the results for p=0.45 and p=1.0 that you have calculated for Figure 15.2. A simple random and a start of the results for p=0.45 and p=1.0 that you have calculated for Figure 15.2. A simple random and a start of the results for p=0.45 and p=1.0 that you have calculated for Figure 15.2. A simple random and a start of the results for p=0.45 and p=1.0 that you have calculated for Figure 15.2. A simple random and a start of the results for p=0.45 and p=1.0 that you have calculated for Figure 15.2. A simple random and a start of the results for p=0.45 and p=1.0 that you have calculated for
Figure 15.2. A simple random and a start of the results for p=0.45 and p=1.0 that you have calculated for Figure 15.2. A simple random and the results for p=0.45 and p=1.0 that you have calculated for Figure 15.2. A simple random and the results for p=0.45 and p=1.0 that you have calculated for Figure 15.2. A simple random and the results for p=0.45 and p=1.0 that you have calculated for Figure 15.2. A simple random and the results for p=0.45 and p=1.0 that you have calculated for Figure 15.2. A simple random and the results for p=0.45 and p=1.0 that you have calculated for Figure 15.2. A simple random and the results for p=0.45 and p=0.45 an Systematic Error 1. Measure the length, width and height of your 60 leaves notebook to determine the volume of it using a ruler in cent... Solve the given equation for x 47-4x = 43x-8 x = ---- (Type a fraction or an integer. Simplify your answer Let f: A - R be a function, and suppose a is a limit point of A. Prove that lim f(x) = e x-a if and only if for every open subset U C R containing & there exists an open subset V C R containing a,... Let h > 0 and $\eta > 0$ be given, where $\eta = \Theta h$, for $0 < \Theta < 1$. Let f be some smooth function. Use Taylor expansions for f(x + h) and $f(x - \eta)$ in terms of f and its derivatives at x in o... please help me out answering this question will rate your answer fast The CPA Journal recently reported that the following are leaders in accounting software. In a recent market share report,... can u please use equations and show each steps to get final answer. 1. During the month, Mrs. Wilson plans to purchase merchandise worth \$4,900.00 at retail. The stock is to have an average retail mar... Year Divorce Rate in Maine (divorces per 1000 people) Per Capita Consumption of Margarine (pounds) 2000 5 8.2 2001 4.7 7 2002 4.6 6.5 2003 4.4 5.3 2004 4.3 5.2 2005 4.1 4 2006 4.2 4.6 2007 4.2 4.5 200... Please help with parts c and d. In this MATH336 assignment problem, we focus on LPs of the following form: max s.t. Ar < b (1) (Note that there are no nonnegativity constraint on I - it is a free v... The population in 2005. b) when, to the nearest year, wil... VDI implementation: implement sustainability projects, and against the KPIs specified in the Sustainability Poli... Consider the problem minimize e* + y x 2+ y's A 4 subject to xty 2 (a) Find all the points satisfying the KKT conditions. (b) Determine the minimum. Sir i am stuck for this question. 1. Compute the following integrals. ZeZ a. Jc dz; c: |z|=2 (z2+1) cos(Z) b. dz; c: |z|=2 JC operating divisions on the basis of capital investment in the three divisions. If the investment is \$10.8 million i... Here is where you will practice using Excel to find the basic statistics from a set of data. You will submit your spreadsheet via this link. Use the numbers provided on the attached page and apply... here's my question and this is the reference of exercise 28.14 part a and this is theorem 28.3 and this is theorem 28.4. (2) Suppose f is differentiable at a. Prove limn-off(a + h) - f(a - h)/(2h) = ... Write each as a rate and unit rate 7.38 minutes to run 5 laps 8.36 butterflies on 12 flowers 9.252 days for 9 full moons 10.18 eggs laid in 3 days 11.56 points scored in 8 games 12.215 apple... A rich person passes away, leaving the following legacy: 1- A Caillebotte picture: 25000\$ 2- A bust of Diocletian: 5000\$ 3- A Yuan dynasty Chinese vase: 20000\$ 4- A 911 Porsche: 40000\$ 5- Three diamon... Can you please tell me if I answered this question correctly? Use the following data set to complete the problems. 23, 26, 50, 39, 55, 64 april 2000\$ 50, 20, 42, 35, 51, 42, 43, 56, 64, 48, 57, 27, 37 ... (Question 4) In Tasheena's Anthropology class Quizzes are worth 55%, Projects are worth 55%, Projects are worth 55%, and attendance is worth 55%. Attendance is worth 55%, and attendance is wort infected with a new strain of a virus. The probability of any one person having the virus is 3%. Using accuracy as a... identify the intervals where the function is Increasing evaluate the following integral. 2. (9.23) Evaluate the integral, DO COS OT Do 12 + 82 with a and 3 real. a) 1 hr/60 min x 1 min/60 sec x 1.61 km /1 mi x 1000 m/1 km a) 36 cm/1 sec x 60 sec/1hr x 1 m/100 cm x 3.28 ft/1m x 1 m/5280 ft im having... Thorazine is available in a strength of 25mg/ml. Express this strength as a percent. Note that the sigmoid defining PD (v) will be monotonic increasing whenever > 0, and monotonic decreasing whenever B < 0. Can you explain why NI p (D, v)) will always be to the right of (p)... How should one assess students learning in mathematics? 3/10 from it*. and Location: LAUNDRY AREA There was a liter of liquid detergent in their detergent in thei deposits \$100 on day one into her bank account, \$200 on day 2 and \$300 on day three. For every day after that (n > 3), the investor deposits from the previou... (a) Examine the linear independence and orthogonality of the three vectors, U1, U2, U3 E RS where U, = 1, U2 = -1, and u3 = 12. (5 points) Pedro worked 24 hours last week for landscape she worked 1/3 of those hours planting flowers and 1/2 of those hours mowing lawns.how many hours did pedro work planting flowers?mowing the lawn?if he is... How Democratic is Georgia? County-by-county results are shown for a recent election. For your convenience, the data have been sorted in increasing order (Source: County and City Data Book, 12th editio... There are two possible lengths of the other side is 9.9 ft. (Round to the nearest hundredth if necessary. Use 1.62 as an approximation for ϕ Find the Shorter side: ... (20 Points) Consider the process Xt = t' + (t + +3)St + Zt, in which St is a deterministic process satisfying St = St-a and St + . . . + Sitd-1 = 0. (a) Consider the seasonal difference Va = 1 - B,... please explain!!. rt 2 1. A bag contains 11 black and 5 green marbles. A sample of 4 marbles is selected at random. What is the probability (rounded to 4 decimal places), that the sample contains only... A senior high school class held an election for class for one candidate, the students were asked to rank all four candidates in order of preference. The results are s... (4 Identify the possible factors of the expression x' + 2×2- 5x - 4. Explain your reasoning. What is the net power that a person loses through radiation if her surface area is 1.6 m, if her emissivity is 0.895, her skin temperature is 303 K, and if she is in a room that is at a temperature... trigonometric substitution. Find the integral using an appropriate trigonometric substitution V25x2 - 1 dx Word Problem Question 2: (You have to submit an image of your FULL solution to the question in eConestoga -> Course Tools -> Assignments [Final Exam Submission]) The monthly payments for the fir... please answer all three parts and explain. [20 points] If (a, a) = Dalt (b) [at, f (a, a) = Dalt ecuaciones mediante la Regla de Cramer (por determinantes): x+2y+z=1 -7x + 3y-z=-2x + 5y + 3z = 2 Let w=f(z)=(3+4i)z-2+i Find the image of the Re z> 1 An investment today of \$1,850 will earn 2.4% compounded quarterly for the first 2.5 years and 2.85% compounded semiannually for the next 5 years. Find the total intere... 29-5. a.) Uranium has two isotopes that can be found in nature; U-235 (235.044 amu) and U-238 (238.051 amu). Calculate the percentage of naturally-occurring uranium that is U-235. The atomic mass of ... I need help sketching the graph for each line. specifically having trouble putting it into slope intercept form and then finding the points.. 19) x - y = 3 20) 2x - y = -3 TIME SERIES STATISTICS. QUESTION 5 (a) If X1, X2, ..., Xn are independent normal random variables, i.e., Xt ~ N(A, o?), (i) find the respective distributions of ap = E Xtcos (2upt/n) and bp = = >;... A \$5000 loan advanced on April 1 at a 10½ % interest rate requires payments of \$1800 on each of June 1 and August 1, and final payment on October 1. What must be the final payment be to satisfy the l... Solve for the below. The bracket shown in Figure 1 {a} is subjected to two forces F1 and F2. Resultant of these two forces is R which is directed as shown in the figure. Find the magnitudes of F1 and ... $2 \times 2 + 7x - 4$ b. 2×2 pair 16. Let $f(x) = (x + 2)^2$ and g(x) = x... Let's write a model for the population count X of penguins in a colony by using the following assumptions: . the per-capita birth rate of penguins, with a con... Find the present value of \$7,000 in 8 months at 8.1% interest Give your answer to the nearest cent Submit Question .. Numerals exercise 2 73 NUMERALS exercise 2 DIRECTIONS: After consulting this workbook or other resources, answer the following exercises involving use of math. 1. You're checking the numbers for a ... Language of Mathematics - Give the Correct Answer and Show Complete Solution:. 9. The ratio of five times a number and four times the square of the number, increased by 8 is fifteen. * 5x 5x + 4×2 4(x... goal of mathematics in DEC in k12 intermediate level Topology What are some examples of two pairs of things, and three pairs of words (3-, 4-, 5-letter words) that are homeomorphic, with photos. Problem 1 Bharat Ispat The steel, or Ispat, industry is a large industry employing millions of people in a variety of management jobs and skilled and unskilled labor jobs. Bharat Ispat is a large stee... How many bricks will you need for the courtyard? 2. You want to build a walkway that measures 1850 sq ft. You're going to use 18 in by 18 in pavers. How many pavers do you need? 3. You need to mu... Question 7 (16 marks) FIG Q7 shows a 12 cm-diameter pipe containing water flowing at 20.4 kg's is cap orifice plate. The exit jet is 25 mm in diameter. The pressure in the pipe just before plate is 80... Practice midterm with no solutions, any help would be appreciated! . 8. (2 points) Consider the following statements: (a) Every LP is an LP (c) Every IP is an NLP (d) Every NLP ... Which of
the following experiments have equally likely outcomes? Select all that apply. L J A. Deal a poker hand and observe the five cards U B. Roll two 10-sided dice and add the numbers facing up... Consider the following data. Quarter Year 1 Year 2 Year 3 1467... numerical integration to divide this path into n equal lengths. Recall that the arc length of a path from to to to is L = Vi (t)? + y' (t)? dt Only rarely does the integral yield a closed form exp... In which number is the value of the red digit ten times as great as the value of the green digit? A 335,531 B 335,531 B 335,531 D 335,531 B 33 el siguiente problema matemático:. C) Resuelve el siguiente caso. Explica el procedimiento. Un buzo esta a 7 metros bajo el nivel del mar. Cuantos metros subira en total si debe llegar a 13 ... Solve and explain et length each qs, 1. In order to encourage his son in the study of Algebra, a father promised the son P80 for every problem solved correctly and to fine him P50 for each incorrec... Could you help me with this question? Logistic Equation. The second sentence mentions about the initial condition. you can assume the ics to be $p'(0) = p \ 0 < K$. For part (ii), it should be refe... please help. Example 1: Find the slope of a line when given a graph Find the slope of a line that passes through (-2, 3) and (2, 4) Step 1: Plot the points on a graph Step 2: Count the rise (vertical ... need answers immediately. Page view A Read aloud [T) Add text Draw 14. An architect used a scale of - in = 1 fi. on her drawings. If her blueprint shows a building with the dimensions 7- in. by 40in., ... If Sheela had Rs. 500 left after spending 75% of her money, how much did she had in the beginning? . 5. Let A c Roxm, Be Rxxk and be R". Show that the system AT + By = b has no solution for r > 0, where r E RM, y ERk, if and only if the system AT z > 0, B" = =0 and be <0) has a so... SAM desea tener pesos 12000 para darlos de enganche para una casa si puede ahorrar \$1300 cada mes en un banco que le paga una tasa de interés del 2.24 \$ mensual. Cuánto tiempo tardará en acumular l... Selection of Group Practice Activity: FEAP (a)1.c - 1 hour 0/19 A college student takes the same number of credits. Which of these expresses the rate at whic... Becca is looking at the results of a patient dipstick urinalysis. Using the table of results below, indicate if the result is normal or abnormal by checking the appropriate box. Use Table 42-5 as a re... A sociologist studying living patterns in a certain region determines that, each year, the populations shifts between, urban, suburban, and rural areas as showed in the transition diagram. (a) Set up ... For the sequence -4, -1, 2, 5, 8, find a) t n b) t 16 2. Solve for X:, 3 x = 9 x+1 3. Becky has 120day term deposit of \$3600 that pays annual simple interest of 6.2%. How much ... Consider the path A-B-E-G-H of the project given in the table below & answer questions: (Round all answers to 4 decimal places) Activity Expected time (t) Variance A 3 0.15 B 2 0.81 C 6 1.96 D 5 0... If the Fourier transform is (x (f), w (F), obtain the Fourier transform of the following functions in terms of (w (F).. af (x) + bg(x) aF (@) f(x) g(x) F(@) f(x) aF (@) f MATHEMATICS 9(1ST Quarter) A. Write QE if the given equation is quadratic equation and NQE if not quadratic equation. Write ... Question 4 > 0/10 pts 9 100 @ Details Let T (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T' (t) = < 2t4 - 1, - 2e-3t, 5 sin(- 3t) > Find T The value of SD of x would be: b) 16 5 d) 6 2) For r-= 0.6 the explained var... okkfnfjf kfjjf jwwj jejnf njef eje ewjw jwejrh jehjdej kfrkrjrkrr jhkjrk. Determine the annual interest rate applied to Brian's account if his initial deposit of \$3,900 grew to \$4,200 after 3 years, 6 months, assuming simple interest. Julia was granted a home loan in the amount of \$429,050 to be paid back in 30 years. Assume she puts down \$30,100 for a down payment. For an APR of 3.13% compounded monthly, complete the following ... Suppose we construct an approximate solution of the form, u = u = + aid, where do = 5x and a = x(2-x). a. Find a using collocation and Galerkin weighted residual methods. For the collocation method, ... Solve the Laplace of the following: Finds the roots of equations using required relative error k < 0.001 1. Do three iterations (by hand) of the bisection method, applied to f (x... Sir i am stuck for this question. QUESTION 3 According to a watchmaker, dH| gives the number of working days required to produce a watch, with $H(x) = x^2 - 7x + 15 dx x = 1$ Comment the watchmaker's ass... business mathematics. Question 33 (1 point) Break-Even analysis indicate the following type of quantity MUST be produced to make total cost equivalent to Revenue Minimal Quantity Marginal Quantity Marginal Quantity Max... Let X, Y be sets with A, B C X and C, D C Y. Verify the following: (a) A X (Y - C)] U[(X -A) x (Y - C)] U[(X -A) x (Y - C) contrapositive. Could you please show all the steps on how to approach th... Please provide Handwritten answer. Q4:- A tank as shown in figure below will be filled with water and the water drains by gravity from small orifice ro = 2.54 cm & cd = 0.75 at bottom. By used Sim... Construct a table of values for the following equation as shown. x = y - 5 for integral values of y from - 2 to + 6 Complete the following table of values. X - 2 OUT A W N - O . 9:43 4 Done 293124072 Linear Relations.pdf MFM 2P1 Circle the best option for each question. [1 mark each] 5. For the Substitution Method, you must have a) A lone variable b) One equation c) The same ... Use excel. Use Excel for in order to get credit for the problems. (5 points for each question) The data files for all of the excel problems is on Moodle . NOTE: Each data set is on a sepa... Solve the following system of equations using the method of elimination. (5 marks) 5x + 2y = 15 4x - y = -1 Parents agree to invest \$400 (at 6%, compounded semiannually) for their son on the December 31 or June 30 following each semester that he makes the dean's list during his 4 years in college. If he ... You are pricing permanent disability insurance using the following model with transition forces: Healthy (0) Disabled (1) Dead (2) You are given: (1) 6 = 0.05, p24. = 0.06, #24, = 0.01, Are = 0.04 ... Can you help me find the initial investment?. Question 4 of 10 What amount invested today would yield \$295,000 in 12 years if it were invested at 4.80% compounded semi-annually? Round to the neares... An urn holds 13 identical balls except that 2 are white, 7 are black, and 4 are red. An experiment consists of selecting two balls in succession without replacement and observing the color of ... Writing. Tallula's Electronics Inc. manufactures cell phones. The probability that a randomly- chosen cell phone is defective is 0.066. The number of defective phones in a shipment of phone is defective is 0.066. The number of defective phone is defective phone phone. tournament with no tied games, a record of who beat whom can be descri... Could you please show how to obtain the values for s(Yh) and s(pred)? I know how to construct the intervals but can't seem to get the right numbers for those. I'm using R as well but only for simple t... Arcsine(x) is differential on (-1,1) with the difference quotient (arcsine)'(x) = 1 - x 2 1 . Calculate the Taylor series T 3 f of 3 order at a = 0 for arcsine(x). Calculate b = T 3 ?... This is a network of streets Shelburne St Willow Jay Ln west - cast Winooski Wes... A shell is fired from ground level with an initial speed of 448 ft/s at an angle of elevation of 30. Find the following Venn diagram, find $n[A \cup (B \cap C)]$. 3. Given the following Venn diagram, find $n[A \cup (B \cap C)]$. 3. Given the following Venn diagram, find $n[A \cup (B \cap C)]$. 4. Given the following Venn diagram, find $n[A \cup (B \cap C)]$. 5. write the following Venn diagram, find $n[A \cup (B \cap C)]$. 5. Write the following Venn diagram, find $n[A \cup (B \cap C)]$. 5. Write the following Venn diagram, find $n[A \cup (B \cap C)]$. 5. Write the following Venn diagram, find $n[A \cup (B \cap C)]$. 5. Write the following Venn diagram, find $n[A \cup
(B \cap C)]$. decimals in words: 1. 210.0058 * 2. 1,574.02 3. 58,980.000072 * 4. 2600.00 5. 0.00091 Please answer all parts to this question. I will make sure to upvote!. 4. Let Q denote the set of rational numbers. Show that card(@) = Xo. What is card (R\Q)? Need help with step by step solution. 5. (20 pts) Convert each decimal number to different base. (a) 58 to B = (1.3, 4.6, 7)its binary form (b) 258, to its octal form (c) 458, to its hexadecimal form (a) 681, to its h... Jika himpunan A = (1,2,3,5,8,9)C = (2,3,4,5,6,7,8,9) Maka tentukanlah a. AII(BIIC) b.A?... I have 1 5seater-car and 11 people. How many more cars do I need? explanation please, I want to know which calculation to use The forces acting on the structure of a bridge, described at the beginning of this chapter, satisfy the equations in the following table: a. Explain why the system of equations eas reordered. b, App... A pumped storage hydroelectric power of 1 GW for 8 h. The pressure head above the turbines is 300 m the overall efficiency for production of electricity is 90%. a) Ca... Cost of a senior ticket in dollars and the cost of a child ticket in dollars too! Please and thank you! :). Stimulus 4.3 Application of Systems, Chorus, Lab Activity Jennifer's school is selling ticke... As we've seen in the Textbook and in the eLearning, we need to configure boxes so that we get as many as possible in an ULD. In the following example, we load an LD9 container for shipment on a wide b... Sir i am stuck for this question only last 3 parts . (a) Let $U = \{1, 2, 3, 4, 5\}$, $B = \{1, 2, 4, 5\}$, $B = \{1$ able to find u from the Excel Summary Output? Would it be R-squared? Thanks. Suppose you invest \$4400 in an account with an annual interest rate 12% compounded monthly (1% each month). Use this information to complete the table below. Round to the nearest cent as needed. Mo... Suppose you take a 4-in x 6-in picture of Times Square on New Year's Eve from a balcony above the crowd. You notice that in one square inch of your photo, there are approximately 12 people. Estim... Please please help.. A specific stationary process yr gives us the sample with size P. 71: = COM-Vt! yt+k) gives us the covariance. Then let us consider a matrix an = 711 k which has be expressed as ... Please help. 1. Give an example of a root-finding problem with a scalar function f: R - R. 5. Suppose the scalar function f(x) is real and continuous on the interval [a, b]. Can there be at least o... the number of sub-intervals, 71, required to approximate the integral 2 / em sin(:1:) d3: 0 to within 10-4 using the composite trapezoidal rule, and compute the approximation. For some values of m,m, the numbers 2m-5, 2m-5, m+5m+5 and 6m+36m+3 are the first three terms of a geometric sequence (in this order). (a) Show that 11m2=34m+40. [3] (b) Find the two po... can u help. So What is the range of the relation, f (x)? PLEASE FULL WORKING OUT . Section 3 Part A A mobile platform with 15 steerable wheels is to be designed to transport large industrial equipment. Each wheel's suspension incorporates 2 identical sprin... You have taken a loan of \$6,000.00 for 3 years at 2.1% compounded monthly. Fill in the table below: (Round all answers to 2 decimal places.) Payment number Payment amount Principal Amount Interest Ba... 1104 6 kN 50 F2 45 X O 50 0 5 9 7 kN F1 The members of a truss are pin-connected at joint O. The joint is in equilibrium.. Part Description A. What is the magnitude of F1? (KN) B. What is the magnitude of F1? not converge to x. Show that there exist a positive number a > 0 and a subsequence (Inx), 1 Of (In), , such that... persamaan. Nilai x yang memenuhi persamaan x yang memenuhi persamaan. Nilai x yang memenuhi persamaan x yang mem (x, y) = b classification (minimum/maximum, local/global) Note: show step-by-step solution (interest are based on period e.g monthly, quarterly, etc.) From the complex analysis pleas solve this problem. thank you.. solve It V 21 1 10 answer this. Dogs have an average of 5x 10 ho each square inch of skin. If the back of dog is 24 square inches, approximately ho many hairs are on the dog's back Two players alternate in placing dominoes on a 3 × 3 chess board so as to cover two squares exactly. The first to be unable to place a domino is the loser. What is the game tree and what is the game tre

at the end of the year, he found he had paid GST on parking fees of \$2,000, supplies of \$55,000 util... Let X be a set and f: X - X be a function. Define f" : X -> X recursively via fl = f, fktl- fork. Assume that there exists a positive integer n such that f" = Idx. (a) Prove that f is inj... Solve the following problems. Show your solutions on your answer sheet. 1. The area of a piece of paper is 143cm2. Find its dimensions if the length is 2cm longer than its width. 2. Tita's Rosquill... The following is a Bill-of-Materials for product A. The numbers in subscript represent how many of the item is needed for one unit of the immediate parent. See the table below for the values of these ... Please answer. 2. Mrs. De Linear Relations (1).p X 5 293124083 Linear Relations (1).p X 5 293124083 Linear Relations (1).p X 5 293124083 Linear Relations.pdf X 5 293124075 Linear Relations.pdf X 5 293124083 Linear Relations (1).p X 5 293124083 Linear Relations.pdf X 5 293124075 Linear R 293124071 Linear Relations.pdf x + C O File | C:/Users... Question 2 : a) Write two mathematical definitions of Value-at-risk and explain each of them verbally. When are these two definitions equivalent to each other? b) When losses are normally distributed ... Kevin Durant is 7 fet tall? Qualitative or quantitative Count the number of functions 4p : a) Write two mathematical definitions of Value-at-risk and explain each of them verbally. $(4, 5, ..., 8\}$ ++ $(4, 5, ..., 8\}$ so that (i) 4 is one-to-one and 4 (7) = 8 (ii) up is one-to-one and 4(7) # 8. Denote by S the set of Integers {-23, -22, ..., -17}.... SETS OF NUMBER. D. Pilang sets of Ones, Tens, o Hundreds ang masunod no numbers. Sets of the special round function in Excel. In my assignment, the High ratio uses the ceiling and Low ratio uses the floor. Why or When using Ceiling and standard deviation for x, the percent of successful mallard nests. (Round your answers to four decimal places.) x 35 12.4700 X... reference: this sum is from a subject called advanced optimization techniques Use the given information to find an exponential model of the form Q = Q 0 e kt, as appropriate. Round all numerical values to three significant digits when rounding is necessary.... Question 9 of 10 Quarter-end payments of \$1,440 are made to settle a loan of \$36,340 in 9 years. What is the effective interest rate? % Round to two decimal places QUESTION 8 3 points Save Answer A local business has 495 employees. Seven-ninths of the employees graduated from nearest ones. college. How many employees graduated from college? Round your answer to ... [1/2 Points] DETAILS PREVIOUS ANSWERS SCALCET8 16.3.017. MY NOTES PRACTICE ANOTHER Consider F and C below. F(x, y, z) = yzexzi + exzj + xyexzk, C: r(t) = (+2 + 2)i + (t2 - 4)j + (t2 - 4)j + (t2 - 4)j + (t2 - 5t)k, Osts 5 ... Nakapagsasagawaa nang may mapanuring pag iisip ng tamang pamamaraano pamantayan sa pagtuklas ng katotohanan Calculate the average daily purchases: a Medical ex... 2 26 + 44 + 421 - 4 = 0 6octuy = y realme Shot by Krrish 2021/12/15 08:58 Do you have a container what is the probability that the number on the bar will be divisible by two or will have a value ... A TV channel has ten minutes commercials per 90. What is the expected number of times you could randomly select this channel without hitting a commercial? [2T/1A] 8. A computer p... The following questions below are your guide in the making of your synthesis paper you can focus on one of the given aspects below. 1. Mathematics helps organize patterns and regularities in the wo... Convert the following: please convert and explain, preferably with formulas. a. 750 mL to L b. 0.35 kg to g c. 77 in to cm d. 5 gal to L e. 66 531 ft to miles f. 3 yd 2 in to in... how to solve. Let $f(x) = -2 \times 2 + 1$ and g(x) = 4x - 3. Find $(f \cdot g)(x)$. pls help me with this lesson. Use algebraic methods unless otherwise stated Tammy is hiking along the top of First Canyon on the South Nahanni River in the Northwest Territories. When she knocks a r... Problem 6 (5 points): Assume we are given an LP in the standard form, with A an m x n matrix: min DER subject to Ar = b (5) 1 20 Recall that, as we derived in class, the associate dual program can be ... Let E1, E2, ... be a collection of measurable subsets in R. Assume that these sets are disjoint and let E = UX Ex. Measure of each E is finite. Consider the series XE = Zizi XEi. Prove that XE converg... Tema: Interes Compuesto CASO II: Compra a credito El Licenciado Ruiz compra a credito El Licenciado messes de la compra, de cuanto es cada u... Question 4 For the two DOF spring-mass systems with kj = 10, k2 = 0.1, m, = 2, and m, = Firstly, set up the 4th-degree polynomial to solve for the eigenvalues, A Then make the substitution in this equ... Please provide Handwritten answer. ano. 62) Suppose that f and a" one bounded and fo'is intepapa on [a, b]. Show that I findgues exists and equals J fixgoode. CTIONS Sensitivity Editor Reus OVERVIEW Ever wonder how your electricity bill is computed? The following tables gives the watts of power that are typically required by several major (and not so major)... (1) A Hawk-Dove game In class, we discussed the "snowdrift" model as an example for interaction of organisms. In this problem, we will use a "Hawk-Dove" model instead. In the Hawk-... Sir i am stuck for this question . MATRICES Q2 :1] Given the matrices -2 l 2 14431;], 3:; g 31, c=[4 1 7] 0 3 11 Evaluate [i] 52 [ii] (€le [iii] Is det. C2 = det. [CT)2 ? Show your workings clea... Approximate the maximal margin of error, E, by using z from above, the given population standard deviation, and the sample size, n. Recall that n = 19 and o = 0.35. (Round your answer to two decimal p... Question Chicago is home to 2.706 million people and the city sees approximately 55 million visitors each year. China has a population of 1.393 billion. If their visitors were proportional to Chicago,... MAT-143. Consider the following case of exponential growth. Complete parts a through c below. The population of a town with an initial population of a town with an initial population of 67,000 grows at a rate of 7.5% per year. a. Create ... In how many years will \$ 21,136.18 amount to \$ 75,514.55 at 27.54 % per year. a. Create ... In how many years will \$ 21,136.18 amount to \$ 75,514.55 at 27.54 % per year. Please help me to answer this question. 3. Prove $\cos 20 - \cos 40 + \cos 60 - \cos 120 = 4 \sin 30 \sin 50 \cos 40$. What are the values of x and y to maximize its profit by how much on the given equations: Z = 2x + 10y subject to : x + y > = 3 and x + y < = 6. O a. x = 4; y = 0; Z = P60 O b. x = 4; y = 0; Z = P60 O b. x = 4; y = 0; Z = 2x + 10y subject to : x + y > = 3 and x + y < = 6. O a. x = 4; y = 0; Z = P60 O b. x = 4; y = 0; Z = Pcorrelation? hi, I have a problem, can you help me, please? I made the attached table but not sure about the rest. Formulate the linear programming problem below and then solve it. A sub-contractor produce... Please provide Handwritten answers to the following questions: For each of the following statements, determined if it is true or false. If statement is true, briefly explai... Twice a number is 32 less than 4 times the number. What is the number? During the last four years, a certain mutual fund had the following rates of return: Year Rate of Return 2014 3.5% 2015 3.3% 2016 4.8% 2017 7.3% At the beginning of 2014, Alice invested \$2,214 in this... Using Treasury Ouotes Locate the Treasury bond in Figure 5.4 that matures in February 2039. Is this a premium or a discount bond? What is its current yield? What is its cu more than x 7. 18 greater th... 1.) Cuisenaire rods W r = 2 co 24 = 6 27 = 8 = 9 = 10 How many single color trains Can you create for each prime number and why? Theory of computation. CS611: THEORY OF COMPUTATION Assigned: Sep 17, 2021 Due on: Sep 24, 2021 11:59pm Instructions: This homework has three problems that can be solved in a group of at most two, but... 7) Basic Stock Recipe Scaled Recipe Scale c o s (h) - 1 s i n (h 3) 5 2 h 2 5 2 h 3 - 3 h 2 + h e h 2... pasagutan po. Learning Task 2. Identify the axiom or real number property that Mes each statement 1. 53 + x x + 53 2. 5 (x - 3) = 5x - 15. 3. 3 (xy) = (3x)y 4. B + (-8) = 0 5. 14 - =1. 14 How long was P30,000 invested at a bond growing at an average rate of 8.25% compounded monthly if its a bond growing at an average rate of 8.25% compounded monthly if its a bond growing at an average rate of 8.25% compounded monthly if its a bond growing at a bo value at maturity is at P50,000? just tell me the answer without explain. Question 13 (2 points) The rational function C(x)
13 0 s x < 100 describes the cost, C, in millions of dollars, to inoculate x% of the population against a ... Alden is registering for classes next semester. He uses the Quantitative Reasoning Process to decide between two teachers, Dr. Alvarez, and Dr. Bareno . He speaks to 18 friends that previously took th... Define class, person type that can store an addresstype object, name and phone number Application & TIPS 1. Farhan is looking at a hill while standing at point A. The angle of elevation at this point to the top of the hill is 33 degrees. He then walks towards the hill to point B. A... Find the explicit finite difference solution of the wave equation Utt - Uxx = 0, 0 < x < 1, t > 0, with the boundary conditions u(0, t) = u(1, t) = 0, $t \ge 0$, and the initial conditions u(0, t) = u(1, t) = 0, $t \ge 0$, and the initial conditions u(0, t) = u(1, t) = 0, $t \ge 0$, and the initial conditions u(0, t) = u(1, t) = 0, $t \ge 0$, and the initial conditions u(0, t) = u(1, t) = 0, $t \ge 0$, and the initial conditions u(0, t) = u(1, t) = 0. defined by f(x) = x and g(x) = 2x. Using the intermediate value theorem, limits, or otherwise, show t... 20 V. 0.095 (c) David earns E38,000 one year and receives a 5% raise in salary? thank you experts. Consider the following R on s = fa.bic, diet R = { (a, a), (a, c), (a, e), (bid), (c,a), (cic), (ce), (dib), 1did), (c.a), (cic), (cic). (e.e)) Confirm A is an equivalence relat... A student of operations research is preparing for the end-term examination. The hostel where he stays is infected by mosquitoes, which are a constant source of distraction for him. While studying the ... Factor the Greatest Common Factor from a polynomial in the following questions. 8p2 + 32p + 48 B(p2 + 4p + 6) b. -16t2 + 80t + 4 -4(4t2 - 20t - 1) kindly solve both parts. Recall that is was shown in Question 1 of Homework 3 that the function $D() = r \sin(1/x)$ if x / 0.0 if r = 0. is continuous and differentiable on the entire real line but D' is n... Reference: Mathematical Methods in Chemical and Biological Engineering Binay K. Dutta. Problem 1. A drug at a concentration C; is encapsulated in a permeable polymeric membrane of thickness L and area... By using a karnaugh map, determine the optimal Sop Form the expression giving by the max term hotation F (A, B, () = I IM (0, 2, 3, 6, 7). 4.. Consider the vote count of another election shown below. Candidate I 170 votes Candidate J 560 votes Candidate K 105 votes Candidate L 930 votes d. Which candidate won a plur... slove it please. at east show the relevant questions. 5. (Symmetric Random Walks) Let $\{X_i\}$ be a sequence of i.i.d. random variables such that $P(X_i = 1) = P(X_i = -1) = 1/2$. Define the process So ... Que avance plano ayque ajustar para mecanizar el diámetro de una brida de 150 mm en dos cortes con un número de revoluciones de 63 1/mini el tiempo máquina dado es de 5 minutos Combinatorics question. Problem 1. (15 marks) (a) Let n, m be integers such that n 2 1 and m 2 0. (i) (3 marks) Let $X = \{1, ..., n, n + 1\}$ define $S_{i} := \{T_{i}, ..., n + 1\}$ 20 (3 points) Solve the system of equations by method of substitution. Show checks. 2A + B = -2 B - 10 #2A Sir i am stuck for this question . 3. Application: Electrical/Electronics In an electrical circuit, the voltage, v, across a diode and the current, i, through it are related by 11600v i = Is e n - 1 ... thank you experts. On Z x Z* define (a,b) A (c,d) iff ad = bc. 1. Write A as a set with some of its elements. 2. Show that A is an equivalence relation. 3. Describe the equivalence class induced by (1... Sir i am stuck for this question . Question 3 Prove that (A = B) V (~A = B) is a theorem in our natural deduction system. An Argument Breaks Out In Your Study Group One day you are studying with Elle, Warner, and Vivian, when all of a sudden Warner and Vivian get into an argument. Pay attention, because you will be trans... A 11-inch sunflower is planted in a garden and the height of the sunflower (in inc... A clothing merchant purchases a shipment of clothes for \$35,000.00 with discounts of 11% and 5%. He sells it to a customer at a price which includes 18% profit on cost and overhead expenses of 25% on ... Progress with held questions: You are now viewing the questions: You are now viewing the questions you held earlier. Please submit an answer or pass. F 5% D A 10% 15% B C 30% 40% The circle graph shown above represents the distribution... What is the dimensions for pi and k?. 3. The following boundary value problem is used in quantum mechanics to describe 7 electrons in conjugated linear molecules: k2(x); y(0) = 1(1) = 0 (3) if license numbers consist of four letters followed by three digits, how many different licenses could be created having at least one letter or digital repeated? i need answer. 4. Which of the following is a prime factor for 42? A 1, 2, 3 C 2, 7, 21 B 2, 3, 7 D 3, 7,14 I need a chip model for part A. As wee as number line. Thank you. a. For each of these four expressions, -2 + 6, -(2 + 6), -2- 6, -(2 + 6), -2- 6) draw a number line (with a consistent scale) and plot the exp... The following chart shows "living wage" jobs in Rochester per 1000 working age adults over a 5 year period. Year 1997 1998 1999 2000 2001 Jobs 660 695 725 745 755 What is the average rate of... review: 1.) Kiara baked 30 oatmeal cookies and 48 chocolate chip cookies and 48 chocol cookies into identical containers so that... please help. 1. A set S of vertices is an independent set if there are no edges between any two vertices... topic is time value of money question 1) An entity borrowed P 6,032,306 at 4 % interest rate per annum for 18 years. Find the maturity value. question 2) Suppose that the growth of money is go... (tolong kerjakan dengan caranya terimakasih). Penerapan Sistem Pertidaksamaan Linear dan K... [Soal HOTS] Seorang petani di suatu desa memiliki lahan berbentuk persegipanjang dengan luas 500 m Pada la... Question 3 (21) Suppose a firm wishes to spend RM25,500 on a combination of two factors manpower and material resources for producing a product. The salary of one manpower is RM1500 per month and the... Please explain your answer in details.. Consider the vote count of another election shown below. Candidate | 190 votes Candidate | 190 votes Candidate K 125 votes Candidate L 950 votes Candidate M 350... Homework 6 due November 17, 2021 Question 1: Consider the function of 2n variables 2n 2n q (x) = Ei (x) 2 - Ex + [=(xit xi-1)2] + (x - xi-1)2] + (x - xi-1)2 + (x constantly and the number of miles before the transmission fails is recorded.... solve this question step by step ... and please explain. 1.a. Differentiate Path and Cycle. 3 In a class with 9 students, each students. Is it possible that each students. focuses on choosing which methods amongst (1) Qualitative analysis (2) Separation of variables (3) Solution formula for linear... for each depot is given in Table 1 under the header I finalp,a. The final inventory of components distil must be at le... This question has no table, just asking if the results will look consistent if the chi square value of 1.2 and chi square value of 5.1. Path: p QUESTION 8 Do you think the results look consistent wi... (e) The government is unhappy with the outcome In part (, and decides to impose a toll on users of the road from city A to city C and to simultaneously subsidize users of the highway from city A to cit... show ur complete solution. VIII. (4 pts) Let G be the solid in the first octant bounded by the ellipsoid $9 \times 2 + 4y + 22 = 36$, the parabolic cylinder 2x + y' = 4, and the planes z = 0 and x = 0. Set-up ... Please show workings clearly. Section C: Thinking/Inquiry 5. Emma owns a cafe. She has discovered that her weekly sales depend on the outside temperature, as shown in the graph. (6 marks) (a) Describe... Question 22 2.86 pts The following probability table shows probabi calcule lo que recauda el estado por concepto de IGV. Consider a system of rabbits (R) and foxes (F) where the rabbits are hunted but the foxes are not. This system is modeled by the equations below. R'' = R - 0.125R2 - RF - 0.1F' = RF?... mount logan in yukon territory is canadas highest peak. in north america its the second in height only to mount mckinley an amateur climber is trying to calculate the height of mount logan from her ca... may you teach me how to do it?. B2. (a) A rectangular sheet of metal 500 mm by 300 mm has four equal squares cut out at the corners as shown in Figure 2(a). The sides are then turned up to form a rect...
this is the question I need help with. 6. Layla and Amelia are making bracelets. It takes Layla 45 minutes to make 9 bracelets on her own. Together, Layla and Amelia can make 9 bracelets in 20 minutes... At Burnt Mesa Pueblo, archaeological studies have used the method of tree-ring dating in an effort to determine when prehistoric people lived in the pueblo. Wood from several excavations gave a mean o... I have no idea on part (b) and (c). Thx!. N 2. Let A denote the 2 x 2 matrix We define a function (., .) : R2 x R2 - R by taking N (x, y) = y' Ax, for each pair of vectors x, y E R2. (Technically, th... ADJUST 24. Anklescratch County and Kneebend County are two adjacent counties. In Anklescratch, 30% of the miles of road have bike lanes, whereas in Kneebend, only 10% of the miles of road have bike la... Let X be a set and f: X -> X be a function. Define f'': X - X recursively via fl = f, fk+1= fork. Assume that for each x (X, there exists a positive integer nx such that fix (x) = x. (a) Prov... Trancon Inc. purchased machinery that cost \$20,000 and had a residual value of \$3,000. It is expected to produce 20,000 units over its life. Year 2010 2011 2012 Units Produced 9,000 6,000 3,000 Usi... QUESTION 5 . 1 POINT Tim's weight was 350 pounds in 2020. What is the slope? Provide your answer below: m = Explain your answer above.. Consider the graph shown below. Starting at vertex A, a. use the Nearest Neighbor Algorithm to find the "lowest-cost" Hamiltonian circuit. b. compute the total... statistics. Incorrect Your answer is incorrect. Suppose that the heights of adult men in the United States are normally distributed with a mean of 70 inches and a standard deviation of 2.5 inches. Wha... Manda says that - 2 . 2 - = 3.2 + 3 3 5 Explain why Manda has made a good attempt, but her answer is not correct. Explain how to work with what Manda has already written and modify it to get the c... Make a presentation about the Real life situation involving inverse function with solution about the Real life situation involving inverse function with solution about the Real life situation involving inverse function with solution about the Real life situation involving inverse function with solution about the Real life situation involving inverse function with solution about the Real life situation involving inverse function with solution about the Real life situation involving inverse function with solution about the Real life situation involving inverse function with solution about the Real life situation involving inverse function with solution about the Real life situation involving inverse function with solution about the Real life situation involving inverse function with solution about the Real life situation involving inverse function with solution about the Real life situation involving inverse function with solution about the Real life situation about the Real life site situation about the Real life situation about the Real life Grade 6 Math Module and look through the content module 1 to 6 and answer the following question; (BASE ON THE INFORMA... 2a. Your company currently employs a Lean supply chain strategy and a Q-R inventory policy approach. Under this strategy, describe your efforts or foci - which dimension(s) (drivers) of your EOQ m... 1)Solve this system of equations $\{-3x+y=10 \ x-y=-22\}$ Solve the system by Elimination. $\{2x+3y=10 \ x-y=-34 \ (5x+2y=-34 \ (5x+2y=-3$ property. Solve the equations to find x & y x + y = 6, 3x - 2y = 8 Note: Please enter numbers only. Expected decimal places: 0. operaciones jerarquicas. () $4+5-2+23+V4+3+2+(5\times 2) + (ID + 2+4 - 1) = CY d$) $-10 + 5 : 2 \times 4 + 5 = 2$) -9+10 + (2+3) - 5 = f) $105 - 4: 2X 10 + (5 \times 4 + 3)$... If a sample of a certain solution is determined to have a pH of 7.57.5, what is the concentration of [H3O+][H3O+] in the solution? Write your answer in scientific notation and round the significand to... 1.1. 5 points. Is any open subset of S1 = {(u cos v, usin v, log u) ER' : u, v ER, u > 0}. 1.2. 2 points. Is any open subset of S1 isometric to an open subset... Given the first-order autonomous differential equation where the graph of the function. is given by Which or which of the following statements are true? I. y = -1 is a source (repeller) equi... Sir i am stuck of this question. The revenue of a start-up founded in 2017 for the year y is given by the following function: R(y) = 127 53 (y-2017)] Calculate the revenue for the year 2021 and comme... I hope you answer this.. Performance Task: Mathematical Gamification of mathematical concepts ... At age 24, someone sets up an IRA (individual retirement account) with an APR of 7%. At the end of each month he deposits \$70 in the account. How much will the IRA contain when he retires at age 65? C... CNBC reported that one in five consumers who purchase bitcoin do so using their credit card. Melissa Gamez purchased a used RV with 19,000 miles for \$46,900. Originally the RV sold for \$70,000 with a ... set of ordered pairs has no pairs having the same first coordinates. ...)I Arnold says that 2; = 5, and he uses the drawing in Figure 3.32 to support his conclu sion. What is wrong with Arnold's reasoning? Do not just state the correct way to convert 25; explain why A... Assume that x has a normal distribution with the specified mean and standard deviation. In USE SALT H = 108; 0 = 18 X In a standard deck of 52 cards, how many ways can you select a spade and then a 3? (without replacement of the card drawn trust) if you get 20% off an item that is now 320, what was the original price before the discount?? I need help on this. A and B are sets of real numbers defined as follows. A = {w |w <2} B = {w |ws6} Write A 0 B and A U B using Interval notation. If the set is empty, write 2. For each of the following recursions: i. find (analytically) all fixed points; iii. plot staircase/... Prove or disprove the following statements. Be sure to indicate clearly whether the statement is true or false. (a) For all x E R - {2}, if x - 2 2, then x < 2 or > > 4. (b) For all x E R -... Discussions List > View Topic_, To Rent or To Buy? v Must post first. fir Subscribe Create a 100 word response about the advantages and disadvantages of renting versus owning accommodation and po... ww-awu.aleks.com/al that f is not bounded on I. (a) Use the fact that f is not bounded to prove that there is a sequence (In) in [a, b]... Three siblings Sofia and Riana as much money as each had. Then Riana gave Sofia and Riana as much money ... Please provide a proof for the following question - make sure to answer all parts(a, b, and c). I will upvote!. Consider the following proposition. Let a, b, cE Z. If cla and clb, then cl... For the following set of points, find out the correlation-factor r, the equation of the optimum line including the slope : (1, 3)(2, 7), (3, 5), (4, 9), (5, 11), (6, 12), (7, 15) Carolina Airlines small computer airline in North Carolina, has six flight attendants that it wants to assign to six monthly flight schedules in a way that will minimize the number of f(x) and deg g(x) are irreducible over F and that deg f(x) are irre over F(a). Problem 10. (12 points) Let y -2 and u = i - (a) Find the orthogonal projection of y onto u. projuy = (b) Compute the distance d from y to the line through u and the origin. d = Note: You can earn par... A new kind of typhoid shot is being developed by a medical research team. The old typhoid shot was known to protect the population for a mean time of 36 months, with a standard deviation of 3 months. ... For a certain company, the cost function for producing x items is R(x) = -0.5(x-90)2+4,050. The maximum capacity of the company is... Beth has just received an inheritance of 400 000 dollars and would like to be able to make monthly withdrawals over the next 15 years. She decides to an annuity that pays 6.7 % compounded monthly. How... Any thoughts?. A population of 200 rabbits decreases 7% every year. Write the constant ratio for the relationship. Constant Ratio (R]: please help i don't know how to write in the way shes asking . 6 - 1 6 Use the row operations method to find the inverse of the matrix A = 15 1 fl. Give your answer
exactly or to at least 3 deci... There are approximately 2.7 million births in a country each year. Find the birth rate in units of births per minute. Sir i am stuck for this question . (a) Symbolize the argument in sentential logic using the letters provide (i.e. A, B, C, D). "Unless both Apple and Banana are sweet, Coconut is sweet. Only if ... 1. A linear filter of one random sequence { X, } into another sequence { X, } is a stationary time series with spectral density fx (w). Let { ... A concrete mixture contains seven parts of sand and two parts of cement, all by volume. a. Determine the percentage of each of these three constituents. b. Determine the amou... Could you please follow the graph data below and use it to write paragraphs about technical memo addressing each of the client's questions? . 2) Address the client's questions? a season of 60 games. Hence, each team plays 6 times against each other team. Suppose that each team has played with each other team 4 times, and ov... Use graph theory to explain answer. - Given below shows which container cannot be together/shipped together in same truck. Question: how many least number of trucks to shi containers. Which con... ACTIVITY Direction: Answer the question with complete solution. Thank you. Solve the given congruence equation and determine whether it has solutions or none. $5x+1 \equiv 3mod5$ (Note: If you cannot... 2) (6 points) John and Anne want to calculate \$4.23 + \$1.97 by first calculating \$4.23 + \$2.00 = \$6.23. John says that they must subtract \$0.03 from \$6.23, but Anne says that they must add \$0.03 to \$6... Help 6-8. Use the following information to answer questions 6-8. Over the coming year, Jim and Iona want to save \$5000 for a vacation. Their total net income is \$65 000/year. They are about \$75/month... The table below shows which hand is favored by each person from a sample of 100 people (50 male and 50 female). Use the information in the table to answer the following questions. Leit-Handed Right-Ha... Could you please draw a graph and fill out the chart according to the procedure? Thank you, I struggled all day..... Adding and Subtracting Vectors Investigation On graph paper, you will be adding a ... Question 12 of 20 Payments of \$1,500 in 1 year and another \$2,400 in 4 years to settle a loan are to be rescheduled with a payment of \$1,000 in 20 months. Calculate the pa... eBook Show Me How E Print Item Issuing Bonds at a Discount On the first day of the fiscal year, a company issues a \$8,600,000, 9%, 9-year bond that pays semiannual interest of \$387,000 (\$8,600,000 x 9... Find the derivatives of the following functions. (a) f(x) = -0.2/x10 (b) f(x) = IVT. Prove that if F(V,E)is a bipartite graph, v E V, and p is a path in F(V,E) which starts and ends at v, then p has even length. Final Project Use SENTENCING.XLS. A codebook with description of the data is on the last page of this document. Note: 1. Read each step carefully. 2. You are expected to use Excel to conduct appropria... (1) Reminder: a function T : X → X is c-Lipschitz if $d(T(x), T(y)) \le c \cdot d(x, y)$ for all $x, y \in X$. If a function is c-Lipschitz for some c, we say that f is Lipschitz. (a) Show directly by the... 1) a) Explain why this equation $x^2 - x - 2 = 0$ can be written in the following alternatives forms : $x^2 = x + 1$ (x - 2)(x + 1) = 0(x - 1/2) - 9/4 = 0 Which val... OUESTION 9 - 1 POINT The minimum wage in 1998 was \$5.15 and it was \$6.55 in 2008. If minimum wage had grown with inflation, what would have been the expected value in 2008? Round to the nearest cent. ... Could somebody help me by explaining this task in detail? . b) The calculated correlation of the scatter plots in figure 3 are -0.85, -0.19, 0.58 and 0.99. Which one is which? A B C D A B 3 Consider a set DE Ba with 0 < >(D) < co, a square-integrable function f : D - R, and a sequence (Un)new that is i.i.d. with Un being uniformly distributed on D. Put Ad(D) 1 := f(x) dx, Mn := ... consider at least 3 events or situation in your life. what mathematical patterns are present?. Situations Or Events Numbers Patterns Prove the following argument valid in predicate logic. (It's easier than it looks at first. Use QE among other rules) 1. (x)(Ax) > (3 x)~(Ax) > (3 x)~(Cx) > support your answer with explanation... Let X, Y be sets and f: X - Y a function. Define the binary relation ~ on X via x ~x if and only iff (x) = f(x'). Prove that ~ is an equivalence relation. business mathematics. Question 9 (1 point) Since Fixed cost is constant, however, no matter what the output level is, fixed cost per unit will remain same. True False the population of mumbai was 6,00,000 at the end of the year 2000. the number of immigrants is 20,000 at the of the year n. the population of the city increases at the 5% rate per year. using recurrence.... For problems # 11 -12, Let A = { 0, 2, 4, 6 } B = { 1, 3, 4, 5 } C = { 1, 2, 4, 6 } C = { are there 14. How many 4 digit sequences are there... Help plz. recall that a nonlinear program takes the form min f(x s.t. gi(x) < 0, ic {1, ..., m} , for some functions f, 91, ..., Jm : R" -> R. Now, consider the following system linear and time invariant? y(t) = |x(t)| Show all work. One word answers will not receive any marks. (a) Determine the nature of the PDE -uxx + uxy + yux = 0 and bring it to canonical form by applying a suitable variable transformation. (b) Hence obtain the general solution to the PDE -uxx + uxy + yux = 0 and bring it to canonical form by applying a suitable variable transformation. year of the plan saw an increase in recycled tonnage of 25% over the first year, and the third year saw an increase of 20% over the s... Investigate the surface r = a has the temperature =To (const.), while through the surface ... Be sure that you show all of your work to reach your answer. Method to reach your answer must be clear and include explanations. 1. In 2017 the state University's men's basketball team finished t... We consider the following symmetric positive definite matrix A E R4X4 Co -6 8 0 -2 A = E R4x4 3 6 6 N (a) Calculate the matrix factor R of the Cholesky decomposition A = RT R by using the formulas ... FULL WORKING OUT PLEASEEE!!!. Section 3 Part C Three tanks A, El and C are used to mix the tvm chemicals to cr... Question 1 Using the principal branch of the log function, the imaginary part of (1 + i)' is (a) In(v2) (b) v2 (c) e-#/4 In v2 (d) e-#/4 cos(In v2) (e) none of these Question 2 Recall that as discusse... what is the answer of this? it's all about rational functions. S 4vx+1 B(x) = 23 -1 Choose the correct financial calculator input to calculate the loan amount of with maturity value of \$6589.22 after 3 years at 4.4% compounded semiannually. help me please. The dilation centered at S with scale factor NI - P O 19 R O Can you please rewrite all the guestions using pascal's formula. (g 43 C 36 a 17 Cu d) C5 32 CA+ 32 C) n+1 f) C + C C10 + 159 n n r... Sir i am stuck for this guestion . 2. Find the Fourier series expansion of the following functions. In each case, sketch the function. -10, -5 < x < 0 a. f(x) = 1.3, 0 < x < 5; period=10 b. f(... 1) A mail-order company shipped a package that weighed 73.87? A. hundredths B. tenths C. ones D. tens . preview ans Problem 16. (6 points) the matrix A = -1.5.25.3 has eigenvalues X1 = -4.5 and 12 = 0.5. The bases of the eigenspaces are v1 = _3.5|and v2 - [15], respectively. Find an invertible matr... Calculate by hand the appropriate truth table to prove the following logical equivalence -(p - r)v-(-pvq) # -[p-(qar)] Explain why your truth table shows that this proposition is valid. (As a voluntar... The graph of the function y=f(x) has been transformed by a series of stretches and/or reflections. Describe the transformations that occurred to transform f(x) into g(x). y = f(x) 2- 6420 x -2- What do you think is the significance of paying attention to the patterns of nature and studying about these exceptions? Which do you believe in – Mathematics is invented or discovered? Provide the transformation to the patterns of nature and studying about these exceptions? three ... |. Let f(t) = sin(t) for te [7, -]. Compute |Ifllz:, IIfllzz, llfilo. 2. Solve T1 = 4 b Using the projection theorem. N Solve)(2) 61 19 09 = b2 A b where b1 = 4, b2 = 3 using the projection theorem. N Solve)(2) 61 19 09 = b2 A b where b1 = 4, b2 = 3 using the projection theorem. N Solve)(2) 61 19 09 = b2 A b where b1 = 4, b2 = 3 using the projection theorem. N Solve)(2) 61 19 09 = b2 A b where b1 = 4, b2 = 3 using the projection theorem. N Solve)(2) 61 19 09 = b2 A b where b1 = 4, b2 = 3 using the projection theorem. N Solve)(2) 61 19 09 = b2 A b where b1 = 4, b2 = 3 using the projection theorem. N Solve)(2) 61 19 09 = b2 A b where b1 = 4, b2 = 3 using the projection theorem. N Solve)(2) 61 19 09 = b2 A b where b1 = 4, b2 = 3 using the projection theorem. N Solve)(2) 61 19 09 = b2 A b where b1 = 4, b2 = 3 using the projection theorem. N Solve)(2) 61 19 09 = b2 A b where b1 = 4, b2 = 3 using the projection theorem. N Solve)(2) 61 19 09 = b2 A b where b1 = 4, b2 = 3 using the projection theorem. N Solve)(2) 61 19 09 = b2 A b where b1 = 4, b2 = 3 using the projection theorem. N Solve)(2) 61 19 09 = b2 A b where b1 = 4, b2 = 3 using the projection theorem. N Solve)(2) 61 19 09 = b2 A b where b1 = 4, b2 = 3 using the projection theorem. N Solve)(2) 61 19 09 = b2 A b where b1 = 4, b2 = 3 using the projection theorem. N Solve)(2) 61 19 09 = b2 A b where b1 = 4, b2 = 3 using the projection theorem. N Solve)(2) 61 19 09 = b2 A b where b1 = 4, b2 = 3 using the projection theorem. N Solve)(2) 61 19 09 = b2 A b where b1 = 4, b2 = 3 using the projection theorem. N Solve)(2) 61 19 09 = b2 A b where b1 = 4, b2 = 3 using the projection theorem. N Solve)(2) 61 19 09 = b2 A b where b1 = 4, b2 = 3 using the projection theorem. N Solve)(2) 61 19 09 = b2 A b where b1 = 4, b2 = 3 using the
projection theorem. N Solve)(2) 61 19 09 = b2 A b where b1 = 4, b2 = 3 using the projection theorem. N Solve)(2) 61 19 09 = b2 A b where b1 = 4, b2 = 3 using the projection theorem. N Solve)(2) 61 19 09 (b2) (b semesters, she had 26 credits. Which of these expresses the... ~ 1 hour O QUESTION 20. 1 POINT The budget for Ohio is 69.1 billion dollars with a population of 11.7 million residents. a. Calculate the budget per capita and write your answer in standard notation.... Use the present value formula to determine the amount to be invested now, or the present value needed. The desired accumulated amount is \$70,000 after 12 years invested in an account with 3.4% interes... nSheet Help | Mohammad Jowkari Gradebook Remaining Select the comect loops to simplify the given function in POS (product of sums] form: Note: | jo select loops then wrap around the edges of the table... grade 12 advanced function.. THINKING : PROVE THAT IF fix = 2-2093 THEN f''(X) = 3- log, K Homework Help, please! what's the derivative ? In (x) don't S- melky . Make User Journey Mapping for students when conducting online lectures through the site. User Journey Mapping for students when conducting online lectures through the site. stuck for this question its clear. Lot ((x.y.z) = In (x" y z) and P = (1. 1. 1). Here "a" and "" are non-zero integers. (a) Find the gradient of f at the point P. You... The following table describes the steps. XXX 12 The following table describes the steps. XXX 12 The following table describes the steps. (a) Find the gradient of f at the point P. You... The following table describes the steps. XXX 12 The following table describes the steps. (a) Find the gradient of f at the point P. You... The following table describes the steps. XXX 12 The following table describes the steps. (b) Find the gradient of f at the point P. You... The following table describes the steps. (b) Find the gradient of f at the point P. You... The following table describes the steps. (b) Find the gradient of f at the point P. You... The following table describes the steps. (b) Find the gradient of f at the point P. You... The following table describes the steps. (b) Find the gradient of f at the point P. You... The following table describes the steps. (b) Find the gradient of f at the point P. You... The following table describes the steps. (b) Find the gradient of f at the point P. You... The following table describes the steps. (b) Find the gradient of f at the point P. You... The following table describes the steps. (b) Find the gradient of f at the point P. You... The following table describes the steps. (b) Find the gradient of f at the point P. You... The following table describes the steps. (c) Find table describes the steps. (c) Find table describes the steps. (c) Find table describes table equipment ... hello i really need help on these transformations sums. 7 A -3 0 (a) Draw the image of (i) triangle A after a reflection in the line x = 0, [2] (ii) triangle A after an enlargement, scale factor 2, ce... Sir, I am stuck on this question Sir, it's a humble request please step by step and double-check if I put even a single point wrong they considered step by step and double-check if I put even a single point wrong they considered step by step and double-check if I put even a single point wrong they considered step by step and double-check if I put even a single point wrong they considered step by step and double-check if I put even a single point wrong they considered step by step and double-check if I put even a single point wrong they considered step by step and double-check if I put even a single point wrong they considered step by step and double-check if I put even a single point wrong they considered step by step and double-check if I put even a single point wrong they considered step by step and double-check if I put even a single point wrong they considered step by step and double-check if I put even a single point wrong they considered step by step and double-check if I put even a single point wrong they considered step by step and double-check if I put even a single point wrong they considered step by step and double-check if I put even a single point wrong they considered step by step and double-check if I put even a single point wrong they considered step by step and double-check if I put even a single point wrong they considered step by step and double-check if I put even a single point wrong they considered step by step and double-check if I put even a single point wrong they considered step by step and double-check if I put even a single point wrong they considered step by step and double-check if I put even a single point wrong they considered step by step and double-check if I put even a single point wrong they considered step by step and double-check if I put even a step by step a wrong. (2 points) A firm's production function is gi... Please provide Handwritten answer. Are formulas of the following form generally valid, satisfiable? A) [(x'OV > (('x)VICAXA Help wanted. Here is a data set: mam- mm 398 196 162 EYE: The goal is to construct a grouped frequency.r distribution table {GFDT} for this data set. The I(EFD'T should have 10 classes with a "n... A student snapped his/her fingers for 30 seconds, rested for 5 seconds, and then snapped again for 30 seconds, and then snapped again for 30 seconds. He/She did this every day for a week and the following data were generated: 1. In what wa... Explain it well. What Is Simple Interest? Simple interest is a quick and easy method of calculating the interest charge on a loan. Simple interest is determined by multiplying the daily interest rate ... Solve for the slope of the line. cross out each box in the rectangle that contains a correct answer. when you finish, write the letters that were not crossed out in the space at the bottom. ksik ayo t... A firm's bad debts of \$7875 were 2-% of sales. What were the firm's sales? The firm's sales were \$ (Simplify your answer.) Determine the equation of the sine curve y = a sin [b (x-c)] + d with a minimum point at (150 degrees, 6) and its nearest maximum to the right at (180 degrees, 12). The order calls for 50 mg of oral medication. Which dosage strength should the nurse choose? A. O 25 mg per tablet B. O 12.5 mg per tablet D. O 10 mg per tablet D. O 10 mg per tablet E. O 125 mg p... What is the answer. If the trend continues, which age group of workers will increase the most between 2012 and 2024? US Labor Force by Age in 2000 US Labor Force by Age in 2010 O A) 25 to 34 year-old ... Sue invests \$1000 at 4.8% compounded semi-annually for five years. The values of i and n, respectively, in the formula are: Sean invests \$2000 at 6% compounded quarterly for three years. Find the amou... The graph gives the volume of water, in litres, in a container at time t seconds after the water started to flow out of the container. 50 40 30 Volume (litres) 20 10 10 20 30 40 50 60 Time (t seconds)... Please slove This question. Section 15.8 Follow-up Exercises For Exercises 1-30, (a) find f'(x), and f''(1), an units from Southernstar Exploration Compan... Solve the equation Z 2 + 3 - j = 0 for the general form K=0 and K=1. Given Z 1 = 2 + 2 j and Z 2 = 1 + 4 j. Find Z in cartesian form wher... A \$160,000 mortgage was amortized over 10 years by monthly repayments. The interest rate on the mortgage was fixed at 5.80% compounded semi-annually for the entire period. a. Calculate the size of the... I need help with my math problems. w playing.. This issand Decimal Number Order Place 2.456 32 2402 57 362 64 3,019 06 1.985 67 in Meghan made the above chart What is the correct order of the decimals ... The flash of lightning travels at the speed of light, which is about 186,000 miles per second. The sound of lightning (thunder) travels at the speed of sound, which is about 750 miles per hour. Suppos... A company has been receiving complaints about the attitude of some sales clerks. decimal... Suppose both s:A->B and r:B->A and s':A'->B and r':B->A' split the same idempotent e (e:->B). Use these arrows to construct an isomorphism f:f:A->A'. Let 1"(V,E) be a connected graph and dv the associated path distance function. (a) Prove that d(v, w) > 0 if and only if v aé w. (c) Prove th... Can you double check my work? Part C asks what is the net rate of markup based on total cost? Part D asks what is the net rate of markup based on total sales?. Question 10 of 10 Circut World purchased ... Sir i am stuck for this question . There are some goats, cows, and sheep on a farm. % of the animals were 900:: There were 3 times as many sheep as cows. If there were 45 more goats that can: how man... ASAP PLEASE. 2. (10 pts.) Find the volume of the region obtained by revolving the area above graph of $f(x) = x^2 + 1$ for 0 < x < 1 and below the line y = 2 about the line y = 2. You must be present in the Zoom lab session while completing this assignment. 14(3 - x) if x < 3 1. [5 marks] Consider the function $f(x) = a^2 + 2 - 12 - 4$ if x > 3 V3x + 7 (a) Find lim f(x) and li... solve step by step with reasons and explanation. Find the radius of convergence of the series n 00 (1): 2:5'': (11): 2% (III): 2% n=0 Number of ways 5 men and 2 women can be chosen from a group of 70 people Can you help with this question?. Question 5 of 10 A payment of \$23,000 is due today. What three equal payments, one in 2 years, one in 4 years, and one in 6 years, would replace the original payme... The sample consists of five numbers: x 1 = 3, x 2 = 3, x 3 = 5, x 4 = 6, x 5 = 8 The mode equals Study Paths Diagnostic Graphing Progress: Question ID: 135004 All held questions will be shown to you again at the end of this test. You have held 6 questions so far. Orlando bought a new c... At sea level the weight of the atmosphere of pressure of 14.7 pounds per square inch, commonly referred to as 1 atmosphere exerts a pressure of 14.7 pounds per square inch, commonly referred to as 1
atmosphere exerts a pressure of 14.7 pounds per square inch, commonly referred to as 1 atmosphere of pressure of 14.7 pounds per square inch, commonly referred to as 1 atmosphere exerts a pressure of 14.7 pounds per square inch, commonly referred to as 1 atmosphere exerts a pressure of 14.7 pounds per square inch, commonly referred to as 1 atmosphere exerts a pressure of 14.7 pounds per square inch, commonly referred to as 1 atmosphere exerts a pressure of 14.7 pounds per square inch, commonly referred to as 1 atmosphere exerts a pressure of 14.7 pounds per square inch, commonly referred to as 1 atmosphere exerts a pressure of 14.7 pounds per square inch, commonly referred to as 1 atmosphere exerts a pressure of 14.7 pounds per square inch, commonly referred to as 1 atmosphere exerts a pressure of 14.7 pounds per square inch, commonly referred to as 1 atmosphere exerts a pressure of 14.7 pounds per square inch, commonly referred to as 1 atmosphere exerts a pressure of 14.7 pounds per square inch, commonly referred to as 1 atmosphere exerts a pressure of 14.7 pounds per square inch, commonly referred to as 1 atmosphere exerts a pressure of 14.7 pounds per square inch, commonly referred to as 1 atmosphere exerts a pressure of 14.7 pounds per square inch, commonly referred to as 1 atmosphere exerts a pressure of 14.7 pounds per square inch, commonly referred to as 1 atmosphere exerts a pressure of 14.7 pounds per square inch, commonly referred to as 1 atmosphere exerts a pressure of 14.7 pounds per square inch, commonly referred to as 1 atmosphere exerts a pressure e probable final alignment based on the above dynamic programming algorithm matrix. Write out the answer showing the pairwise alignment with the horizontal sequence on the top lin... A \$2500 five-year investment certificate earns 4.2% compounded monthly. How much of the maturity value is interest? Select one: a. \$583.06 b. \$43.75 c. 2543.75 Incorrect d. 3083.06 To determine whether or not they have a certain disease, 130 people are to have their blood tested. However, rather than testing each individual separately, it has been decided first to group the peop... If f(x) = x + 7 & g(x) = 2x - 3, what is f(x) - g(x)? a. -x+4 b. 10-x C. X-4 d. 10 + 3x 9. What do you call a root obtained in the process of solving an equation which looks correct but after a... Please provide Handwritten answer. Suppose that a fuzzy relation R is defined by the following fuzzy matrix corresponding to the sets $X = \{1, 2, 3, 4\}$ and $Y = \{0, 1, 2, 3, 4\}$. X YO 1 2 3 1 0.5 1 1.5 2... Find the inverse fourier transformation of $1/((4+w^2)(9+w^2))$ Make an equation using Newton's Interpolating Polynomial using the data's in the table below: Temp. oC Press. bar 90 .7014 100 1.014 110 1.433 120 1.985 A pallet 40" x 40" with no overhang being allowed. For a specific arrangement of units for one layer on the surface of the pallet, eight units rest on the pallet surface on the L"x B" side of the unit... Please answer all a b and c. Question 15 (9 marks) Sketch each of the following sets: (a) { $z \in C : [z/2 - 2 \text{ Re}(zzo) + (zo|2 = R2)$, where zo is ... thank you. Problem 1 Find all positive integers less then 61 having order 4 modulo 61. Problem 2. Let p be an odd prime, and n a positive integer. (1)Prove that every primitive root modulo p" is... I need to solve this in 1 hour hope I can get help thanks!! Question 40 A 14 kg dog needs a CRI of furosemide 5%. The dose will be 0.25 mg/kg/hr. The CRI should last for 8 hours, and the fluid rate is... Let , 7, 0 E R", A, B E Rnx" be symmetric matrices, assume A + B is inve Let f(x) be the sum of two quadratic forms: $f(I) = (7 - 7)A(I - 7) + (3 - D) TB(Z - Show that f can be written as... Some one help? 1. Let (So, F, P) be the probability triple, where 2. is the set of all infinite sequence of coin tosses. Recall the definitions of the following sets: AH = {w: w1 = H}, i.e. the set o... Show that the innovations are uncorrelated, that is, for any i * j, Cov(Xit1 - X! j+1) + (2 - Show that the innovations are uncorrelated, that is, for any i * j, Cov(Xit1 - X! j+1) + (2 - Show that the innovations are uncorrelated, that is, for any i * j, Cov(Xit1 - X! j+1) + (2 - Show that the innovations are uncorrelated, that is, for any i * j, Cov(Xit1 - X! j+1) + (2 - Show that the innovations are uncorrelated, that is, for any i * j, Cov(Xit1 - X! j+1) + (2 - Show that the innovations are uncorrelated, that is, for any i * j, Cov(Xit1 - X! j+1) + (2 - Show that the innovations are uncorrelated, that is, for any i * j, Cov(Xit1 - X! j+1) + (2 - Show that the innovations are uncorrelated, that is, for any i * j, Cov(Xit1 - X! j+1) + (2 - Show that the innovations are uncorrelated, that is, for any i * j, Cov(Xit1 - X! j+1) + (2 - Show that the innovations are uncorrelated, that is, for any i * j, Cov(Xit1 - X! j+1) + (2 - Show that the innovations are uncorrelated, that is, for any i * j, Cov(Xit1 - X! j+1) + (2 - Show that the innovations are uncorrelated, that is, for any i * j, Cov(Xit1 - X! j+1) + (2 - Show that the innovations are uncorrelated, that is, for any i * j, Cov(Xit1 - X! j+1) + (2 - Show that the innovations are uncorrelated, that is, for any i * j, Cov(Xit1 - X! j+1) + (2 - Show that the innovations are uncorrelated, that is, for any i * j, Cov(Xit1 - X! j+1) + (2 - Show that the innovations are uncorrelated, that is, for any i * j, Cov(Xit1 - X! j+1) + (2 - Show that the innovations are uncorrelated, that is, for any i * j, Cov(Xit1 - X! j+1) + (2 - Show that the innovations are uncorrelated, that is, for any i * j, Cov(Xit1 - X! j+1) + (2 - Show that the innovations are uncorrelated, that is, for any i * j, C$ = 0. The generator 1, generator 2, and generator 3, are \$50/MWh, \$70/MWh, and \$100/MWh respectively. The generators 1, 2 and 3 have minimum output limits 50MW, 30MW, and 10MW respectively. The generator 3, are \$50/MWh, \$70/MWh respectively. The generator 3, are \$50/MWh respectively. The generator 4, generator 4, generator 4, generator 5, and 8, and 9, a receive assistance from their family. Employers sometimes contri... 1. The Operations Manager is confronted with the following raw data, and asked you as Data Analysis in order for you to derived the... 1) Toss a pair of coins 16 times and record the results in Data Table 3. Data Table 3 Number of Coin Tosses Heads/Heads Heads/Tails Tails/Tails Remanning T Select the comect loops to simplify the given function in SOP (sum of products) form Note: To select both sections that exten... Which one is the correct choice?. Consider the heat equation Ut = q lupp + (cot p)up] on the surface of the sphere of radius 3, with the initial condition u(q, 0) = 1 - 3 cos(24), the solution is u(q,... The TFR in Japan in 2014 was about 1.4. Imagine that the Japanese population has been stable up to the end of 2014. If fertility were to rise to replacement overnight (i.e. like the Keyfitz scenario... mathematics. Consider the function below. (If an answer does not exist, enter F(x] 4 -4X (a) Find the interval of increase. (Enter your answer using interval of decrease.... A survey of 180 college men was taken to determine participated in campus sports, and 35 minutes a participated in vario... Let sets A and B be defined as follows. A is the set of integers greater than -8 and less than -4 B = (a, c, h, k, q, s, w, y) (a) Find the cardinalities of A and B. X 5 ? n (A) = 1 n (B) = 1 (b) Sele... Un gran estanque es abastecido de peces. La población P de peces está modelada con la fórmula P = 3t + 10²t -900, donde t es el número de días desde que los peces fueron introducidos en el estan... Suzana drives from city A to B . after two hours of driving, she noticed that she covered 80km and she calulated that if she covered 80km and she calulated that she covered 80km and s variable, include what statistical measures can be used to calculate (mean, median, Q1, Q3, IQR, standard deviatio... An experiment consists of choosing objects without regards to order. Determine the size of the sample space when you choose the following: (a) 4 objects from 16 Answer = (b) 2 objects from 20 Answer = ... Show the following for the inertia matrix J (Hughes Prob. 3.8) (a) Show that J =-[[r] [r] am (b) Show that J is symmetric and positive definite (c) Show that there exists a basis P such that J = J = d... If Mrs. Harris takes her Ventolin and her Advair together, which one should she take first, and why? Daniel is saving up money for a down payment on a motorcycle. He currently has \$3507, but knows he can get a loan at a lower interest rate if he can put down \$4280. If he invests the \$3507 in an a... Quiz: Quiz 9: Percent (4.3 - 4.4) Question 10 of 12 This quiz: 12 point(s) possible O Submit Quality Homes Construction Company orders only lumber that is at least 6... using product of generation functions of Bessel function, prove the following identity:. boundary of integration!) (Problem 16.1) Use the product of the generating functions g(x, t) and g(x, -t) to sh... Future Value = \$2,190.44 Interest Amount = \$70.44 Int if the answer should be expresse... ', '~_ / 3 ~ ' x W'y 5m 611] A tension force of T = 70 kN is applied to cable AB. Calculate the moment about point 0 due to the force T. Express the result in vector notation.. Part Descriptio... Let X, Y be sets with A, B C X and C, D C Y. Prove or disprove that (A UB) X (CUD) = (A X C) U (B X D). Consider a polynomial of fifth degree $p(x)=Subscript[a, 5] x^5+Subscript[a, 2] x^2+Subscript[a, 2] x^2+Subscript[a, 2] x^2+Subscript[a, 0]$. Then, consider the polynomial q(x) related ... Indigo Depot is having a clearance sale of their fall items. A jacket that originally cost \$140 \$140 before any discount is on sale for 15% 15% off. If the jacket is then put on clearance for a... Q7. Problem 7. (9 points) Consider the ordered bases B = for the vector space IR2. a. Find the transition matrix from C to B. S... A random Sample of 50
observations of the mileage per gallon (mpg) for a particular bran of gasoline is shown: 33.2 29.4 36.5 38.1 30.0 31.8 29.2 28.6 27.5 28.5 29.1 32.2 29.5 36.0 31.5 30.8 31.8 29.1... Question 4-15 marks Given the hypotheses below HE pt 5 Bill] HA: 1 2::- Zilfl a} 1What is the test statistic for sample of size 55, mean EDT and standard deviation of A. {10' marks} b} At Alpha... Assume that we have two functions using function overloading like below. This is valid in C++. double average (double n1, double n2, double n3) { return ((n1 + n2 + n3) / 3.0); } double ... In this question you will revisit the MAP estimation from lecture in which you received genotype data J1, ..., J". J E {{0, 1}, {1,2}, {0, Matlab software. Instructions: Write the code of the given problems in Script File and then copy the code on the LMS assignment module directly. Also copy the ... I need a brief rundown of conversions: Fahrenheit to Celsius, vice versa. Examples are cool too. (2) Here is a group which you should know about, but which we haven't discussed yet. It is called the quaternion group, and is described in Example 3.15 of the book. As a set, we have Q8 = { +1 , +1, ... The town savings and loan association granted carissa a loan that has a maturity value of Php 1,920.00 which bore an interest of 14% for 2 years. what is the principal amount of the loan? ECON 3350 Problem Set II - Page 3 of 5 9/23/2021 (c) (15 points) How does the nominal interest rate R react to an increase in f, in the short run? 2. (20 points) Graphically depict the short run? 2. (a) Find the total number of relations from A to B. (b) Is the following relation, a function? Why? $R = \{(a, 4), (b, 5)\}$ (c) If there are 243... Refer to the following spreadsheet. Where is the objective function located? A) B2:C2 B) B4 C) C4 D) D4 E) F7:F8. A B C D E Luxury Basic 2 Units Produced 90 75 Total Profit S 3.00 ... Determine the monthly payment for the installment loan. Annual Number of Amount Percentage Payments per Time in Financed (P) Rate (r) Year (n) Years (t) \$900 4.5% 12 2 Click the icon to view the parti... Critical Thinking WHAT I CAN DO A. Which of the following is quadratic equation? For those that are, identify the value of a, b and c. 1. x' - 6x + 2 = 0 6. (x - 1) (x + 2) = x(x + 5) 2. 3x + 5 = 0 7.... fred borrowed money 18 months ago at 12% componded semi anually.he now owes a total of \$5,450. How much of this is interest? I dont understand. 7 Sue got 48 out of 60 questions correct on a quiz. What percent score did she get? Perimeter. umber. Do not include units in your answer. 18 ft 10 ft 8 ft Please provide Handwritten answer. Advanced Math Show how the theta expansion was done . Provide a written response the defines the following models for teaching decimals: base-10 block set decimal square model metric-length model money model pocket chart Need help with problem sets. The boxplot below displays ratings for TV shows during sweeps week: alculate the sample standard dev... The delivery person stopped on the 14th floor to talk to a friend. Before stopping, he had just made a delivery 6 floors below. Before that he made a delivery 6 floors below. Before that he made a delivery 6 floors below. Before that he made a delivery 6 floors below. head breadths that are normally distr... Consider a pile group consisting of three piles arranged at the vertices of an equilateral triangle. The total load S is initially distributed evenly over the three piles (each pile carries initially ... A student-faculty government committee of 4 people is to be formed from 20 student volunteers and 5 faculty volunteers. a. If one person from the group of volunteers is chosen at random to draw the na... If a sound has a frequency of 263.7 Hz and a wavelength of 1.28 m, how much time does it take to travel 6,286 metres? Give your answer in seconds, with a single digit of precision. You are on an al... Compound Interest Question 5 (4 points) Calculate the maturity value: Principal (\$) Term (yrs) Nominal Rate (%) Compound Frequency 8,000 5 7.5 Quarterly Your Ans... What is the equation of the function shown in the graph 3. what is the equation of the function shown in the graph 3. what is the equation of the function shown in the graph 3. What is the type of functions and values of variables? 2. What is the equation of the function shown in the graph 3. What is the equation of the function shown in the equation of the equation of the equation shown in the equation shown York City has 1700 parks for a population of 8.399 million people. New Orleans has 391, 000 people. If New Orleans was proportional to New York City in people to parks, how ma... Recursion: Problem 4 (1 point) Write down the first five terms of the following recursively defined sequence. a1 = -2; anti = -2; Green gives 2-month computer programming courses during the summer term. Students must pass a number of exams to pass the course, and each student is given three chances to take the ex... Consider the following MRP inventory records for two items: Item A LT = 3 Week: 1 2 3 4 5 6 Gross requirement 80 80 80 30 40 Scheduled receipts Projected on-hand 40 1... Review activity 10.02 and discuss how you would specifically implement such an activity in the classroom (virtually or face-to-face). Nine bus stop are equally spaced along a bus route. The distance from 1st to 3rd is 600m. How far is the first stop to the last? answer questions 5 and 6. . E v webassign.net C + 130 Homepage - City College.. Essay 3 - Google Docs N Netflix B Quiz List - Fall 2021 HIS... B Fall 2021 ECON 201 D H... x Homework 7.4 - Math 14... *Cou... filled in the difference of each data value from the mean then the squared difference. Question 15 (1 point) Sketch the graph of y = (2x - 1/ Clearly label you axis and mark your scales and intercepts on your graph. Sir i am stuck for this question . 6. [-/1 Points] DETAILS JMODD8 3.2.011. M A jar on your desk contains twelve black, six red, teh yellow, and seven green jellybeans. You pick a jellybean without lo... Question 5 of 20 Side-by-Side Your company produces a sunblock lotion designed to Calculate the test statistic. Give your answer to two protect the skin from both UVA and UVB exposure from decimal pla... Solve the initial value problems: (a) 2-y=-eazy', y(0) = -1 (b) $(2xy - 3 \times 3) do + (x - 2y) dy = 0$, y(0) = -1 (b) $(2xy - 3 \times 3) do + (x - 2y) dy = 0$, y(0) = -1 (b) $(2xy - 3 \times 3) do + (x - 2y) dy = 0$, y(0) = -1 (c) $(2xy - 3 \times 3) do + (x - 2y) dy = 0$, y(0) = -1 (c) $(2xy - 3 \times 3) do + (x - 2y) dy = 0$, y(0) = -1 (c) $(2xy - 3 \times 3) do + (x - 2y) dy = 0$, y(0) = -1 (c) $(2xy - 3 \times 3) do + (x - 2y) dy = 0$, y(0) = -1 (c) $(2xy - 3 \times 3) do + (x - 2y) dy = 0$, y(0) = -1 (c) $(2xy - 3 \times 3) do + (x - 2y) dy = 0$, y(0) = -1 (c) $(2xy
- 3 \times 3) do + (x - 2y) dy = 0$, y(0) = -1 (c) $(2xy - 3 \times 3) do + (x - 2y) dy = 0$, $(2xy - 3 \times 3) do + (x - 2y) dy = 0$, $(2xy - 3 \times 3) do + (x - 2y) dy = 0$, $(2xy - 3 \times 3) do + (x - 2y) dy = 0$, $(2xy - 3 \times 3) do + (x - 2y) dy = 0$, $(2xy - 3 \times 3) do + (x - 2y) dy = 0$, $(2xy - 3 \times 3) do + (x - 2y) dy = 0$, (2xy - 3and wears a bonnet. Baby 4 is one... = Quiz: Quiz Question 8 of 10 Submit This question: 1 point(s) possible Determine (a) the area and (b) the perimeter of the quadrilateral. Note that the figure is not drawn to scale 17 cm 23 0 6 ... i am just not sure what to do . Add the following binary numbers 100,000.11 100,011.011 Number Classify the type of linear correlation that you would expect for each pair of variables. a) air temperature, altitude b) income, athletic ability c) people's ages from 1 to 20 years, their m... Problem 5 : In a general metric space (X, p): (a) Let F = {Osises be an open covering of X. Let f(x) = sup sup {r : Sir C O s]. SES T30 Show that f is continuous on X. Hint: show that f(x) > f(y) - ... Which of the following matrices are in row-reduced form?. Which of the following matrices are in row-reduced form? (Note: The dotted vertical line.) I 0... La Unipanamericana desea dar como estímulo una beca completa y media beca para el pago de matrícula a dos estudiantes que hayan obtenido promedios mayores de 4.5; si para recibir este beneficio se p... 0/4 pts 5 2 0 Details Given that $f(a) = a^2 - 7x$ and g(ac) = a + 1, find (a) (f + g) (2) = (b) (f - g) (ac) = (c) (fg) (ac) = fruit flies is increasing according to the law of exponential growth which can be modelled by the equation N(t) = Noek, where No is the initial population... Diga si las funciones son inversas: f(x) = 5x - 95 it's grade 12 advanced function. logs!. 2 1 EVALUATE EACH EXPRESSION (SHOW YOUR WORK!) 2 a) x+9 q(x) = -----log 64 6) 809 0.25 0) 20g,16 -d) 7 576) 36 5 Z 2 Suppose we have an object under the influence of gravity described by the partial differ- ential equation: 5 + 91% = I, a {1:,0) = f(:1:). (a) Obtain the solution u(:1:, t) in terms of the generic ini... what is the answer?:/. 1. Calcule x + y + Z Si xyz - ab7 - zyx ; CA xyz - 729 A) 20 B)18 C)17 D)21 E) 19 add the following two's complement representations. Use 8 bits in your answers.. (optional) Remaining Time: 02 23:06 Add the following diagram. You can cheese to label the triangles. [2 marks] lint 4. Fer the following right angle triangle. determine the AB using anyr ef the trig raties stud... WHAT ARE THE IMPLICATIONS OF THE ASYMPTOTIC DISTRIBUTION OF THE ASYMP for the number of set partitions of the set {1, 2, ..., 31:} into 3 blocks with n elements each. (We don't care about ordering of the block... you purchase 75 shares of stock at \$124per share. the next day the stock drops 6%; however, a week later it increases in value by 7%. if you immediately sell your 75 shares of stock at \$124per share. the next day the stock drops 6%; however, a week later it increases in value by 7%. if you immediately sell your 75 shares of stock at \$124per share. stuck for this question. f(x) = (3x - 2)(2x + 1)(x - 7) For the given function: 1. Determine the domain 2. Determine the do M is a re... Question about Span R3 and gram-Schmidt process. 3. Consider v1 = 1, 2 - { and v3 = in R3. i. Check that span {v1, v2, v3} = R3. ii. Transform {v1, v2, v3} = R3. ii. Transform {v1, v2, v3} = R3. iii. Transform {v3, v3, v3} = R3. ii f(AfIB) 72f(A)flf(B). 2. Find an equivalent fraction for 8/16 with a denominator of 8. Practice midterm, no solutions, any help appreciated!. 6. (2 points) Suppose we are writing an integer program, we have a binary variable x E Z. The integer program, we have a binary variable x E Z. The integer program, we have a binary variable x E Z. The integer program, we have a binary variable x E Z. The integer program and a binary variable x E Z. The integer program and the program answered Question 1 < > 0/5 pts ' 655 Evaluate oxy da + x'dy, where C is the rectangle with vertices (0,0), (3,1), and (0,... how to answer. Information Sheet UC2.1 SUBSETS OF REAL NUMBERS ing Objectives: eading this INFORMATION SHEET, YOU MUST be able to: Demonstrate how sets of real numbers work Discuss the sets and subset... Asap Please . Ha (iii) The chemical formula for water H2O can be represented by the graph We have two hydrogen atoms and one oxygen atom. Hydrogen atoms and one oxygen atom. Hydrogen atoms and one oxygen atom chemical formula for water H2O can be represented by the graph We have two hydrogen atoms and one oxygen atom. buses are restricted to no more than 45 feet in length. Was the whale shark longer or shorter than the maximum school bus length? [1 m = 3.28 feet] Show your work.... 1) Explain, making reference to operations on sets, why the statement "He plays soccer or rugby and cricket" is ambiguous. Find and classify all singularities of the following functions. Be sure to justify your answer f(z) = z 3 (z 2 + 1) e - z and f(z) = z s i n z z + 1 Solve x(k), if the difference equation is given: x(k) - 3x(k - 1) + 2x(k - 2) = e(k), where e(k) = 1, k = 0, 1, 0, k > 2 and x(-1) + 2x(k - 2) = e(k), where e(k) = 1, k = 0, 1, 0, k > 2 and x(-1) + 2x(k - 2) = e(k), where e(k) = 1, k = 0, 1, 0, k > 2 and x(-1) + 2x(k - 2) = e(k). 4×3 IVIAIAIAIA OAOIN 3×1 '2' 1, (2) Apply Bender's decomposition... 5X 3. Given: KL = 3(PM) Substitution 5x = 3(2x - 4) Property a. 22x 4 5x = 6x - 12 b. 1 - X = -12 C. x = 12 Note: Show complete/detailed computations. Excel, Matlab, or hand/long computation). Decimal values should be up to 4 decimal figures. Problem: The velocity of a moving particle was recorded ... The original zombie population was 5 zombies . These zombies have the power to turn 4 humans per day . Complete the following table below to show what will happen during the first 10 days... please help. Confidence level Critical value 0.90 $z^* = 1.645 0.95 z^* = 1.960 0.99 z^* = 2.576 359860.2293334.qx3zqy7$ Start In a poll of 1000 randomly selected voters in a local election, 885 voters we... Question 1: Consider the following sets: (a) $A = \{(11, 12) \in R' : [mi] + (12) < 1\};$ (b) $B = \{rER' : Onmrs\};$ (c) $C = \{me R3 : 12 < (1)^{"}\};$ (d) (Bonus question) $D = \{(11, 12) \in R' : [mi] + (12) < 1\};$ (e) $R3 : Qa For eac... A small toy rocket is launched from a 12-foot pad. The height (h, in feet) of the following sets: (a) <math>A = \{(11, 12) \in R' : [mi] + (12) < 1\};$ (b) $B = \{rER' : Onmrs\};$ (c) $C = \{me R3 : 12 < (1)^{"}\};$ (d) (Bonus question) $D = \{(11, 12) \in R' : [mi] + (12) < 1\};$ (e) $R3 : Qa For eac... A small toy rocket is launched from a 12-foot pad. The height (h, in feet) of the following sets: (a) A = \{(11, 12) \in R' : [mi] + (12) < 1\};$ (b) $B = \{rER' : Onmrs\};$ (c) $C = \{me R3 : 12 < (1)^{"}\};$ (d) (Bonus question) $D = \{(11, 12) \in R' : [mi] + (12) < 1\};$ (e) $R3 : Qa For eac... A small toy rocket is launched from a 12-foot pad. The height (h, in feet) of the following sets: (a) A = \{(11, 12) \in R' : [mi] + (12) < 1\};$ (b) $R3 : Qa For eac... A small toy rocket is launched from a 12-foot pad. The height (h, in feet) of the following sets: (a) A = \{(11, 12) \in R' : [mi] + (12) < 1\};$ (b) $R3 : Qa For eac... A small toy rocket is launched from a 12-foot pad. The height (h, in feet) of the following sets: (a) A = \{(11, 12) \in R' : [mi] + (12) < 1\};$ (b) $R3 : [mi] + (12) < 1\};$ (c) $R3 : [mi] + (12) < 1\};$ (d) $R3 : [mi] + (12) < 1\};$ (e) $R3 : [mi] + (12) < 1\};$ (for eac... A small toy rocket is launched from a 12-foot pad. The height (h, in feet) of the foot pad. The height (h, in feet) of the height (h, in rocket t seconds after taking off is given by the formula h = -2t - 2t + 12. How long will it take the rocket to hit... Need assistance with Math task. Written Homework 1 Math 207 1. a) Show that the function y = Csin (x) solves the differential equation $x - d'y - dy + 4x^3y = 0$, where C is $dx^2 dx$ any real-valued constant... A mining company is going to continue operating in a certain area for the next five years. There are four mines in this area but it can operate at most three in each year. Although, a mine may not ope... Calculate the latitude and longitude angles for the following Cartesian coordinates. a.) (x=-2, y=7, z=-1) b.) (x=5, y=-1, z=3) i will upload this question 3 times then you can paste same answer there so it will treated as 3 questions please solve complete question on page with clear handwriting . Q4. Support Vector Mach... In the graph to the right, is A, C, B, D, F, E a path? A B D E F The qualified applicant pool for three management trainee positions consists of eight women and six
men. 364 (a) How many different groups of applicants can be selected for the positions "b) How ... Game theory assignment: For each scenario, draw the game tree, circle the preference branches, circle solution. The drop rate is 30 gtts/min with microdrip tubing. How many mcg/kg/min is the patient receiving? Conditional Value-at-Risk investing In this problem max, ux, s.t. CVaR(x) 5 7, TEX, where X is a suitably defined feasible set of portfolios.. {a) Wealth managers are typic... In a stock, the current stock price is 90. The stock pays dividends continuously at a rate proportional to its price. The dividend vield is 5%. The stock's volatility is 15%. You use a three-period fo... OUESTION 5.1 POINT Your company provides a 50% matching toward your retirement. If you deposit \$200 each month into a retirement account with an APR 5.99%, what would you type into Excel to find the... Let's do some reverse engineering. In the first part of this question, you will write a "problem statement" for a given LP model. In the second part, you will be challenged and surprised by ... Dada la function f(x, y,) = a + xy + y' + 2y. del punto (0, -1) es un minimo? Cuanto debes ahorrar al final de cada trimestre en una cuenta bancaria que paga el 4% anual, capitaliza le trimestralmente, para que al cabo de 2 años puedas dar el enganche de un carro \$45000 Give a recursive definition 1 of section 5.3, (a) Give a recursive definition of the s... In a class of 55 students 21 study physics and 24 study geography and 23 study economics and physics if x study all three subjects and 2x study non find the value of x, the number of students that stud... business mathematics. UNIVERSITY Tugas Kelompok ke-1 ONLINE LEARNING Week 3, Sesi 4 1. Current ratio dari produk Precision Machine adalah 3,8. Jika current asset perusahaan adalah \$ 570.000, Berapa cu... a continuación se muestra un ejemplo de cómo realizarlo: . Dadas las siguientes matrices de transicion (de un paso) de una cadena de Markov, determine las clases de las cadenas de Markov y si son r... Create a children story, or fairy tale, etc,... with these math principles: Other Problem Solving with Combinations Permutations with identical objects Pascal's triangle Probability & Counting The ... Please provide Handwritten answer. 13) Find the normal equations, Don't solve) please help. 14. Determine if the following scenarios would have a cause-and-effect relationship. Explain. (6 marks) a) Toronto's temperature goes up and then the world stock market prices go up the s... please help with 3.2 and 3.3. 3.2 Explain how learning strategy to illustrate their understanding of place value. 3.3 Content knowledge alone is n... Sir i am stuck for this question . "Everybody comes here. Someone does not go there. Therefore, if anyone comes here, then s/he does not go there." (a) Put the above argument into standard ... If she sells \$25 000 worth of goods, how much commission can she expect to receive Beskou die funksies / Consider the functions f(x) = xcos(v2x) en - and g(x) = -xIn(3x). Tensy anders gespesifiseer, gebruik die snylynmetode. 1 Except specified, use the secant method for approximati... QUESTION 3 . 1 POINT Sarah will ship packages for anyone. She charges \$4 for her services and then \$3.50 per item. Put the pieces together to write the model as y = mx + b. (Do not use \$ in the equati... You took out a \$15000 loan for graduate school with a ≤ 6 ? ≤ 4 3? + 2? ≤ 17 ? — 8? ?... Una empresa tiene la siguiente función de costos, donde x representa el número de unidades fabricadas, determine cuantas unidades fabric (provide arguments)? For each chosen problem in the following sections, identify at least one fallacy and explain in detail why the fallacy and explain in detail why the fallacy leads to a contradiction... Hi I really need help if possible, ill be sure to leave a rating! I really appreciate it :). The data represents the heights of eruptions by a geyser. Use the heights to construct a stem and leaf plot... Please provide Handwritten answer. Consider the conformal mapping to : Bug's, 1where a = I + 5:1; is a complex variable. {a} What kind of curves in the s—plane map to straight lines in the w—plan... Make a questionnaire (at least 10 questions) to gather data about the topic Coronavirus pandemic: State the topic chosen & what information you hope to gain by conducting the questionnaire. Give ... Explain this well. 2. A bank offers 0.25% annual simple interest rate for a particular deposit. How much interest will be earned 1 million is deposited in this savings account for 1 yean Given: P = 1,... If the boundaries e = 0 and 8 = n of a semicircular plate of radius 2 are insulated, then we have du de (r, 0) = 0 and de (r, 1) = 0. 0 < r < 2 Find the steady-state temperature u(r, e) if U (2, ..., Could you help me with this guestion? Not sure about what the discussion of time-scales? Thanks in advance!!! . O1: Consider the logistic equation with a concrete set of parameters p' (t) = 0.1 p p... please show all working. Simultaneous Equations in Cuadratic Solve the following 4 pairs of simultaneous equations in which 1 of the equations in which 1 of the equations is a quadratic competition. The question asks me to sketch different phase lines around different equilibrium (there are three in total). I a... As Nelson is taking a bath, the soap falls out of the soap dish and he steps on it with a force of 450 N. If Nelson slides forward and the frictional force between the soap and the tiled floor is 3... Janet deposited \$1200 into an investment fund every month for 20 years to save for her retirement. Throughout the 20-year period, the investment fund paid 5.35% per annum compound interest, compoundin... need help with discrete math... PLEASE ANSWER IN AT LEAST FOUR PAGES a) Describe the history of the Chinese remainder theorem. b) 50 pens equally how many pens will be left over When Diana's daughter was 1 year old, she invested \$777 every month until her daughter was 25 years old.find the value of the account... (a) Examine the linear independence and orthogonality of the three vectors, U1, U2, U3 ERS, where U1 = 1. 12-1 - and us = . (5 points) (a) Consider the matrix -1 0 0 A = 1 - 2 0 2 3 - 3 Examine whethe... Please solve the following question. Following programming use different n values. Plot ... Two examples of computations of the investments and loans schemes each financial institutions. Show that 1+1/2+1/3+...+1/n = O(Inn) using approximation by integrals. 3 5 6 7 7. In the graph shown, f(x) = x and $g(x) = \log (x + 3)$. For what value of x is $x = \log (x + 3)$ when x = [-4, 4]? a. x = -2.0 C. X = -20.8 b. x = 0.8 d. x = 2.0 a + Select the correct negation of the following statement. Some fellas are lucky 2) Some fellas are lucky 2) Some fellas are lucky 3) Some fellas are lucky 4) All fellas are l group of candidates that shows this informa got a chemistry ci... question 1 question 2 question 3. An investment of \$2000 is deposited in another account at the same rate. At the end of the secon... a pond has 5000 gal of water it loses 1 quart of water due to evaporation. how many minutes it be before the pond is empty? If Sally pays \$825.76 every month on a 25 year loan, how much will she pay back in total payments? Please provide Handwritten answer. P7.4.3 In some situations, it is necessary to solve the linear system (A + z/)x = b for many different values of z E R and b E R". Show how this problem can be... We will find

the solution to the following lhcc recurrence: an 2 - 1 an 1 + 2 an 2 for n 2 2 with initial conditions a 0 = 4, a 1 = 6. The first step in any problem like this is to find the characteristi... A 70 kg man and a 50 kg woman are standing 4.0 m apart on frictionless ice. Find the distance from the man to the center of mass of the man-and-woman system. 2.3 m 1.7 m. 4.0 m. 2.9 m. 1.1 m. Proof by Structural Induction for Binary Trees (BT) properties . Question Description In June 1999, Charles Schwab offered invested amount plus \$200 a... The following is a function given in table form. Use the table to evaluate the function and apply the operations of functions given for parts a., b. and c." Find the optimal solution. Indicate if there are any special cases. Maximize Z = x 1 - ... Problem 4. A chemical plant produces three chemicals: A, B, and C using three ingre- dients: X, Y, Z. Currently, the firm stores 4 litres of Y, and 4 of Z. Producing one li... Of the 1000 men and 900 women surveyed, the following results were determined when asked whether the individual believed he or she drank too many sodas each week. . 675 men and 325 women said they dri... An airplane flies from one city in a straight line to another city, which is 360 kilometers north and 150 kilometers west of first city. How far does the plane fly? 150 km 300 km 3... A \$2,600 loan at 71% was repaid by two equal payments made 45 days and 90. days after the date of the loan. Determine the amount of each payment. Use the loan date as the focal date. (Use 365 days a y... 1107 A 2 ft 5 3 4 110 1b 4 ft 400 1b. ft X C B 3 ft 10 1b 22 The structure shown is fixed at A and is in equilibrium.. Part Description What is the horizontal reaction, the question is returned to me unanswered saying it "needs to be revised" or something, but no other feedback. The... What value of a will make ab2+30b+25 a square of a binomial Public relations specialists create and maintain a favorable public image for the organization they represent. organization and to increa... Please specific describe the concept and formulas of marginal distribution.. 7. (contingency tables) The following 2-way table shows students by major and home state for a... Question 30 Not yet answered Marked out of 1.00 P Flag question Lloyd runs at an average of 10 kph. If he needs to run a 20.5 km marathon. How long would it take him to finish? a. 12 hours b. 11 hours... Please help me. 1-8x Diketahui $f(x) + 5 = 3 \times 3 + 10x - 3$ dang(3x - 1) 2x + 2 a. f(x) dang(x) C. (f + 3x)(-6) d. (\$9) (x) How far does the ball travel before it hits the ground? b. What is the highest height the ball reached? c. At what horizontal distance did the ball reach the highest point? d. At what horizontal di... An appliance store had an inventory. Calculate the percent change in the number of w... Help me answer the following question. . The mean of a continuous random variable is its expected value. 0 True C} False. In the exponential distribution with parameter 1, the mean and variance are b... Answer the following word problems: A car from rest (0 m/s) speeds up to 30 m/s for 20 seconds. What is the car's acceleration? Given: v 1 ... erererrererererer. Question 4. (3 Marks+ 1 Bonus mark) (i) Find the eatremal a: = a:* (t) for the following : / 1(4d:2 + w2)dt, 31(0) = 0, 53(1) = 1. i. e. satisfying (1) (Zoe (tn - as *t(> ... Coca Cola company ordered 2100 more 250Ml bottles than 390Ml bottles. The cost of the 390Ml bottles than 390Ml bottles. The cost of the 250Ml bottles was \$.11 each. The total cost was \$310.50 not i... Let p: Anne is majoring in Political Science, q: Anne plans to go to law school, r: Anne will make a good Governor for Colorado Write each statement below. A.......... X Estimate the average rate of change from x = 1 to x = 4. Enter your estimate as a decimal number (not as a fraction), rounded to on... Question THREE a) Assuming Xo = 6,827, determine the next 10 random numbers using the mid square method. 10 Marks b) Given Xo = 891, a = 1,563, and c = 3,561, use a Modulo 111 algorithm to determine t... MATHEMATICS: LOGIC . Direction: Determine whether each statement is A, E, I or O proposition. 1. Every problem has a solution. 2. All her... 4.- Sean p, q, r, tres proposiciones tales que r es falsa, ($p \Rightarrow -q$) y ($q \Rightarrow r$) son verdaderas, deducir el valor de p. Please provide Handwritten answer. Let V,W is vector space and TiV ->W is linear transformation we define the linear transformation T*: W* * by T* (f) := foT for all few* ch Show that T is one-t... The table below shows the weather forecast of a statistical data for rainfall on 2flflfl-Eflll Year 20 oo 20 o4 zoos 20 12 Rainfall mm a. Find the rate of change of rainfall on 2flflfl-Eflll Year 20 oo 20 o4 zoos 20 12 Rainfall mm a. Find the rate of change of rainfall on 2flflfl-Eflll Year 20 oo 20 o4 zoos 20 12 Rainfall mm a. Find the rate of change of rainfall on 2flflfl-Eflll Year 20 oo 20 o4 zoos 20 12 Rainfall mm a. Find the rate of change of rainfall on 2flflfl-Eflll Year 20 oo 20 o4 zoos 20 12 Rainfall mm a. Find the rate of change of rainfall on 2flflfl-Eflll Year 20 oo 20 o4 zoos 20 12 Rainfall mm a. Find the rate of change of rainfall on 2flflfl-Eflll Year 20 oo 20 o4 zoos 20 12 Rainfall mm a. Find the rate of change of rainfall on 2flflfl-Efll Year 20 oo 20 o4 zoos 20 12 Rainfall mm a. Find the rate of change of rainfall on 2flflfl-Efll Year 20 oo 20 o4 zoos 20 12 Rainfall mm a. Find the rate of change of rainfall on 2flflfl-Efll Year 20 oo 20 o4 zoos 20 12 Rainfall mm a. Find the rate of change of rainfall on 2flflfl-Efll Year 20 oo 20 o4 zoos 20 12 Rainfall mm a. Find the rate of change of rainfall on 2flflfl-Efll Year 20 oo 20 o4 zoos 20 12 Rainfall mm a. Find the rate of change of rainfall on 2flflfl-Efll Year 20 oo 20 o4 zoos 20 12 Rainfall mm a. Find the rate of change of rainfall on 2flflfl-Efll Year 20 oo 20 o4 zoos 20 o4 zoos 20 12 Rainfall mm a. Find the rate of change of rainfall on 2flflfl-Efll Year 20 oo 20 o4 zoos 20 zoos following equation (where t is time in months and profit is in millions of dollars): P... 2-8 SOLUTION IN INTEGRAL FORM Using (6), obtain the solution of (1) in integral form satisfying the initial condition u (x, 0) = f(x), where 2. f(x) = 1 if |x| < a and 0 otherwise 3. f(x) = 1/(1 + ... [-/3 Points] DETAILS BBUNDERSTAT12 4.R.010. Does it pay to ask for a raise? A national survey of heads of households showed the percentage of those who asked for a raise and the percentage who got ... Una palanca AB está articulada en C y se encuentra unida a un cable de control en A. Si la palanca AB está articulada en C y se encuentra unida a un cable de control en A. Si la palanca AB está articulada en C y se encuentra unida a un cable de control en A. Si la palanca se somete a una fuerza vertical en B de 75 lb, determine a) la tensión en el cable y b) la reacció... Ano nga property ang gina pakita sang masunod nga multiplication sentence 1 2. 3. Fill in the blank - Is the study is an observational study or controlled experiment or anecdote. (Do not use capital letters) a. A student watched picnickers with a 1... Sir i am stuck for this question . QUESTION 5 Calculate the area between y = ax2 + bx+ c and y = dx + e for between 0 and 1 With a=2, b=6, c=6, d=1 and e=1 Round your answer to the second decimal.... how to solve it?. 16 Hari Guru diraikan pada 16 Mei setiap tahun. Lembaga Pengawas SMK Wira bercadang untuk membeli hadiah kepada semua guru di sekolah itu dengan menggunakan duit dari sumbangan Persa... Prove that there exist only one set with no element (3mks). Two dice are rolled. What is the probability that the sum is 8? O O 36 O 36 25 O 36 11 O 18 A group of six people play the game of "odd person whose outcome is not the same as that of a... PDE INTRODUCTION TO X PDE *MATH112-Notes.p X *exercises-week6.pc X ODE Assignment 1.pdf X PDE Quiz1 (3).pdf X *Homework Help - C X + X File | C:/Users/himan/Downloads/exercises-week6.pdf . . . 2 of 2 ... Patterns and Diagrams Reflection symmetry is _point. Alin ang naglalarawan sa sinaunang kabuhayan ng mga tao sa mga pulo ng pacific explain your answer in detail.. 9. (20 points) The profile below shows the preferences of voters in an election with 4 candidates (A, B, C, and D) Number of voters Preference 17 D > also called bilateral sy... If the parabola opens downward then it has a C > B > A... A child pulls on a toboggan with a force of 14.3 N [E]. The force of friction on the toboggan is 3.9 N [W]. The mass of the toboggan is 3.9 N [W]. The mass of the toboggan is 2.23 kg. (a) Draw an FBD of the toboggan is 2.23 kg. Honda Accord Hybird: \$33,200, Residential value: \$,600, E... I'm so confused. Supposed your community has 4,512 students this year. The student population be in three years? Round to the nearest who... Solve the following problem.. Prove that 2! - 4! . 6! . . . (2n)! > ((n + 1)!)". Sketch the area under the standard normal curve over the indicated interval and find the specified area. (Round your answer to four decimal places.) LA USE SALT The area between z = -2.31 and z = -1.7... Let f(x) = V17 - x The slope of the tangent line to the graph of f(x) at (1, 4) is y = -1.7... Let f(x) = V17 - x The slope of the tangent line to the graph of f(x) at (1, 4) is y = -1.7... Let f(x) = V17 - x The slope of the tangent line to the graph of f(x) at (1, 4) is y = -1.7... Let f(x) = V17 - x The slope of the tangent line to the graph of f(x) at (1, 4) is y = -1.7... Let f(x) = V17 - x The slope of the tangent line to the graph of f(x) at (1, 4) is y = -1.7... Let f(x) = -1.7... Let fmx + b for m = and b = Round your ans... a political candidate hears that 65% of the voters are for the vote are him solutions, give both, comma separated, no space. 1:: Please help with this applied math question. In this MATH336 assignment problem, we examines one of the worst-case scenarios of the Simplex Algorithm. Recall that at any step during
the algorithm. names. In Two Thousand twelve, catfish processors in one region bought three hundred million, eight hundred fifty -nine t... Prove that (tn) converges and find the limit. Let (Sn) be a sequence of positive real numbers. Set n2 Sn+1Sn+2... San II Sntk . k=1 Please answer all parts since it is one whole question. Thank you very much for your help.. Notice that for units of pressure: 1N/m' = 1Pa = 9.87 x 10-atm = 0.0075mmHg or 1mmHg = 133N/m and for units ... Just about making the equation.. 2. (10 points) The fact that organisms need time to grow can have important implications for ecosystems. Consider a population of deer (D) that feed on plants (P). ./T... How to find the minimum and maximum values of the objective function? Could you please help me with this question and explain it?. For each of the following sets Xi, decide whether it is a subspace of the given vector space U5. If it is, show that it is non-empty and ... Derive the optimal pos xy expression From the K map. 2 O 6 Each year your grandparents give you \$120 for your birthday for you to put in your college fund. They Total from calculator: started a money market (4.48%) for you when you were born. Calculate the to... A 6.58 x 10 4 N upward tension force is exerted on a 521 kg downward-moving elevator. (a) Draw an FBD of the elevator. (b) List ALL the action-reactions pairs of forces of the elevator.(c) Determine... Need to solve this in two hours ! Thanks!!!. QUESTION 6 4 points Save Answer The veterinarian wants to make up a 250ml bottle of anesthetic premedication cocktail with the following drugs: Buprenorphi... Notations reference: Please help with the following problem (provide a counterexample and explain):. The next six questions are about subsequences, upper limits. Let (In), be a sequ... 9 (x) e 4 x - 1 Another survey was done at Center Hospital to determine how long (in months) of 20 clerical staff members were as D Question 13 4 pts Suppose a sequence {an} is recursively defined by a, and a formula an, , = f(an) for all non-negative integers n. [-/1 Points] DETAILS TANAPCALCBR10 3.6.060.NVA MY NOTES ASK YOUR TEACHER PRACTICE ANOTHER Blowing Soap Bubbles Carlos is blowing air into a spherical soap bubble at the rate of 10 cm/sec. How fast ... The statement r is false, and we do not know the truth value of the statement s. Determine that you're a consultant for a city that is considering changing its election rules. Currently, as is usual in elections, each voter votes for one candidate from the list of those running. A m... [4,4,6] 3. Find the shaded area for both parts and the perimeter of the shaded region for part b) only. 2.50 m 14 cm a) 88 cm 4 mm Each set of numbers below represents the lengths of the three sides of a triangle. One of them is a right triangle. Which set forms a right triangle? Explain. set 1: 15, 18, 26 set 2: 25, 60,... help. 1. a) Show a minimal face coloring of this graph? b) Show a minimal edge coloring of this graph? (a) (a) Consider the complex—valued function IO?) = aw?)—Let us write 2 = :1: + iy. Give the real u(:1:, y) and imaginary t:(1:, y) and imagina of all parts. Analyze the data in the following problems using median and up/down run tests with 2 =: 2 a. Given the following scenarios would have a cause-and-effect relationship. Explain. (6 marks) a) Toronto's temperature goes up and then the world stock market prices go up the same day. b) B... The straight line L passes through pointsA (4,-3) and B(-1,7). (a) Find the equation of L. Write your answer in the form ax+by+d=0, a , b , $d \in \mathbb{Z}$. Line M with equati... Hello, I really need your help right now and I need you to provide correct answer and solution for this one as fast as you can. Thank you! (6-10). Solve the rational equation Marked out of 1 V Flag qu... Kyd and North are playing a game. Kyd selects one card from a standard Ell-card deck. If Kyd selects any other type of card, he pa... Para C (x) = 0, 4x + 8x + 114, p (x) = 0,5 (26 - x), determine la funcion ingreso marginal Thanks for solving this question. Question 5 (20 points) Let S1 = {(x, y, z) : $x^2 + y^2 + z^2 = 1, z > }$ and $s^2 = {(x, y, z) : 4 \times 2 + 4y^2 + z^2 = 4, z^2 1}$. (1) (8 points) Use spherical coordinates t... Formula 6 is shown below. 1. Let x(0) be optimal for 4 x 2 0, [3,3,5]x = min. = u(0). 78 1 Linear Programming Let y(0) be optimal for the dual. Show that x(0) = [},;0], and find y(0). Using formula ... need help with number 3 please show steps on how to solve the problem thank you. also if using any theorems or facts please state. first image is reference . (d 1 K = au cos V y = businv * = 2 ... An ad paid for impressions with a CPM of \$4. It received a click-through rate of 10% and an average engagement rate of 4%. What is the cost per engagement? This project asks you to investigate the Schröder number of paths from the SW corner to the NE corner of ... and drinks milk out of glass that holds 1/8 of a liter. she has 7/18 milk in fridge. how many glasses can she pour? 0 Question 12 ' < > [3 0/5 pts '0 65535 8 97 G) Beta Find the probability that fewer than "k" students are left handed." I have a) and b) only. Thank you Shown in image. 4. (20 points) In a word puzzle, we want to find a way to transform one word to another changing only one letter at a time, and staying in a given list of possible words. So for exam... QUESTION 4 . 0/1 POINTS The more ice cream a person eats, the more that person gets tangled in their sheets. What can you say based off of this statement? X That's not right. O Eating ice cream is neg... A Compute the amount of interest. \$1,506.00 at 4.99% for 11 months. Do not include the \$ sign in your answer.) H Use the results of Exercise 5 and linear interpolation to approximate the following values of y (t). Compare the approximations obtained to the actual values obtained using the functions given in E... Could you help me with this question? Thanks in advance.. 5. Let f E C[Q, R"], Q C Rent in an open set. Let U be a compact set, V a bounded open set such that U C V and V C Q. Suppose further for... Three forces are acting on an eyebolt as shown. All forces intersect at a common point O. Determine the resultant magnitude and direction PART B: APPLICATION (Show all your work and calculations.) 1. Solve: log, (x+2)+log, (2x-3 = 1 This is Project One Jupyter Script Part 7, and I have entered in this block of code, but I keep gett this error message. What am I doing wrong?. Project One Jupyter Script Last Check point: 09/20/2019... Calculate the number of bridge hands (13 cards) that are made of from 6 of one kind of suit and 7 of a different suit. Let $f(x) = \cos 4\pi x$ for $x \in [0, 1]$. Find the best uniform polynomial approximation of f itself). hello. I need help with this. Suppose $f: A \rightarrow B$ and $g: B \rightarrow C$ are functions. (a) Show that if g of is injective then f is injective. (b) Show that if g of is surjective then g is surjective. 7. Describe a way to calculate 304 - 81 men- tally, by using reasoning other than the common subtraction algorithm. Then write a coherent sequence of equations that correspond to your reasoning. the graph to the right, is A, B, D, F, E, C a path? A B D E F oose the correct answer below. A. Yes, it is a path. B. No, it is not a path. It does not include all of the edges. C. No, it is not a pat... Please provide Handwritten answer. Derive a closed-form solution to the optimal-flow equation by minimizing the cost function Eor (d) = > (Vw(x)) d+w, (x) -w (x). Please answer. In a test, students averaged 8.4 marks with a standard deviation of 3.5 marks. A lecturer took a a random sample of 36 students. You are further told that the test marks are skewed to... IIIIS question. I pom(s) possible Find the volume of the shaded region. When appropriate, use the it key on your calculator and round your answer to the nearest hundredth. + 4 m- 12 m 6 m The volume o... please check this problem. Solve Poisson's equation V2u = -xy in a circle r < 1, subject to u = 0 on the boundary. Use the information below to answer all questions: According to the NHSR, the mean height for US men in 69.4 inches. In a sample of 300 men between 60 and 69, the mean height was 69 inches. Public ... There were 35 Bunches of roses and tulips. Each bunch had 12 of the same flowers. There were 7 more bunches of tulips than roses. How many tulips were, there. ... + em and Ti = el + e2 + ... + em and Ti = el - e; for i E $\{2, 3, ..., m\}$. Show that the Gram-Schmidt procedure yields the basis $\{u1, u2, ..., m\}$. Please provide a proof for the following question - make sure to answer all parts. I will upvote!. Recall that a number is composite if it is an integer greater than one that is not prime. (In particu... Please help me answer this question. ckdown Question 5 2 pts If two events, A and B. are independent, then P(AB) = P(A) . P(B). That is, the probability of both A and B occurring is the probability of... Solve the following problem.. Find a recurrence formula for the number un of permutation. Do not solve the recurrence. Linearize f(:17= y) : 1:2 + 21:3; around 11:01 ya. Linearize Afiyfif) - |- B fn(y(t)) - C 2 11:6) around (130(t), 3:005». Solve the differential equation Afiyfif) -|-By(t)| = 0113(t) fo... x y -1 1 0 2 1 3 2 3 3 1 _____ a) Find the equation of the line of best fit b) Find y when x=-2 Homework: Assignment Question 33, 5.2.1 Find the present value of the given future payment at the specified interest rate. \$7000 due in 20 years at 5% compounded annually The present value is approxim... I nsightful description of the reason and how you feel about this table. Here is the bullet point that might help: The table for Brian hotel shows several vital details about its production and labo... Huudhf fhfhhhrhrhheh3uruu74c7\$(&fhf\$'3() details about this table. Here is the bullet point that might help: The table for Brian hotel shows several vital details about
its production and labo... Huudhf fhfhhhrhrhheh3uruu74c7\$(&fhf\$'3() details about this table. thin wire is bent into the shape of a semicircle $x^2 + y^2 = r^2$, $x^2 0$. If the linear density is a constant p, find the center of mass of the wire. Note th... A given sine wave signal can be represented by: $s(t) = (3 \sin(nt +))/2$ Determine the amplitude, frequency, and phase of the signal. [4 Marks] Show all calculations, and draw the sine waves to sh... Here is the glucose.dat data: 86 195 77 165 107 97 83 193 142 128 137 154 189 92 86 99 109 143 149 139 99 100 83 101 87 164 99 140 108 110 79 148 121 158 105 145 79 71 102 119 176 97 129 97 86 125 ... 1. A square piece of cheese covers eight square inches of a plate. What is the approximate length of one side of the piece of cheese? (Approximate to the nearest hundredth inch.) A. 2.81 inches B. 2.82... (1) Find a special solution (ro, yo) of the Diophantine equation 24x + 138y = 18. (2) Solve the Diophantine equation 24x + 138y = 18. (2) Solve the Diophantine equation 24x + 138y = 18. (2) Solve the Diophantine equation 24x + 138y = 18. (2) Solve the Diophantine equation 24x + 138y = 18. (2) Solve the Diophantine equation 24x + 138y = 18. (2) Solve the Diophantine equation 24x + 138y = 18. (2) Solve the Diophantine equation 24x + 138y = 18. (3) Solve the Diophantine equation 24x + 138y = 18. (4) Solve the Diophantine equation 24x + 138y = 18. (5) Solve the Diophantine equation 24x + 138y = 18. (7) Solve the Diophantine equation 24x + 138y = 18. (7) Solve the Diophantine equation 24x + 138y = 18. (7) Solve the Diophantine equation 24x + 138y = 18. (9) Solve the Diophantine equation 24x + 138y = 18. (9) Solve the Diophantine equation 24x + 138y = 18. (1) Solve the Diophantine equation 24x + 138y = 18. (2) Solve the Diophantine equation 24x + 138y = 18. (2) Solve the Diophantine equation 24x + 138y = 18. (2) Solve the Diophantine equation 24x + 138y = 18. (3) Solve the Diophantine equation 24x + 138y = 18. (4) Solve the Diophantine equation 24x + 138y = 18. (5) Solve the Diophantine equation 24x + 138y = 18. (7) Solve the Diophantine equation 24x + 138y = 18. (7) Solve the Diophantine equation 24x + 138y = 18. (7) Solve the Diophantine equation 24x + 138y = 18. (7) Solve the Diophantine equation 24x + 138y = 18. (7) Solve the Diophantine equation 24x + 138y = 18. (8) Solve the Diophantine equation 24x + 138y = 18. (9) Solve the Diophantine equation 24x + 138y = 18. (9) Solve the Diophantine equation 24x + 138y = 18. (9) Solve the Diophantine equation 24x + 138y = 18. (10) Solve the Diophantine equation 24x + 138y = 18. (10) Solve the Diophantine equation 24x + 138y = 18. (10) Solve the Diophantine equation 24x + 138y = 18. (10) Solve the Diophantine equation 24x + 138y = 1variance and standard ... Sir i am stuck for this question 1. If the cost of an asset was \$17,000, scrap value is \$2000 and estimated life is 5 years. Find the depreciation and book value of the asset at the end of 5" year using the following me... Sir i am stuck for this question. 4. Find an equation for the line through P(2, -3, ... The following distribution shows the ages of two groups of young people who participate in the Addiction Prevention Program. A group attends a center in the Metropolitan Area and the other group atten... The Prevention Service asks you to analysis and give your conclusions to the prevention Service. Youth and Tobacco The gr... Solve using Bisection Method.. The saturation concentration of dissolved oxygen in ... Summary of findings in research. Need help: What do i add in my paragraph? Statement of the problem: What is the students' level of academic stress? Paragraph: In line with the statement of the ... To model migration (change) of credit ratings, transition matrices are used. Transition matrix is an equivalent of a pdf for discrete data. It represents probabilities of change in rating over finite ... how is answer can be 12?. At a secondary school... One-half of the Year 12 students apply for university courses. One-third of the Year 12 students apply for FE courses. None of the Year 12 students a... Need Help With This Hard Question. All changes stired 4. For the three-part question that follows, provide your answer to each question in the given workspace. Identify each part with a coordinating r... Library books at Grande Prairie Regional College all have bar codes. The bar codes have 14 digits, and the first 8 digits are always 3 1847 000. The remaining 6 spaces can be filled by any digits. An ... An ellipse is drawn using the gardener's method as follows. Two pins are stuck on a corkboard through a sheet of paper at a distance of 4 cm from one another and joined by a length of string. A pencil... Question 1: Consider the following sets: (a) $v_4 = \{(31:32) E 132: |331| + |\$2| S 1\};$ (b) $B = \{\$ER3: 0 < \$1 < m2 < \$3\};$ (c) C: $\{1: E R2: 32051\};$ (d) (Bonus question) 10: $\{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: <math>\{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,\$g,m3) E R3: W - < ... This is the question) 10: \{(\$1,1g,m3) E R3: W - < ... This is the question) 10: \{($ acceptable integer values of 'x' and 'y' for both players to have strictly dominant strategies. Select the correct option. A company underwent a major reorganization of its manufacturing facility and a result,... The following pattern is established involving terms of the Fibonacci sequence. Use inductive reasoning to make a conjecture concerning the next equation in the pattern, and verify it. You may wish to... please answer question 3 oz. 2) (2 points) Identify the price per ounce for each produc... LetX be the set of strings abcd where a,b,c,d E {0, 1,2, ...,9}. (a) How many strings abcd in X are there with a % b 7E 6 7E d (all four digits are distinct)? (b) How many strings abcd in X are the... Consider the following set of constraints: -2x 1 + 3x 2 = 3 (1) 4x 1 + 5x 2 >= 10 (2) x 1 + 2x 2 <= 5 (3) 6x 1 + 7x 2 <= 3 (4) 4x 1 + 5x 2 = 3 (1) 4x 1 + 5x 2 = 3 (2) 5x 1 + 2x 2 = 3 (3) 6x 1 + 7x 2 = 3 (4) 4x 1 + 5x 2 = 3 (1) 4x 1 + 5x =+8x 2 >= 5 (5) x 1 ,x 2 >= 0 For each of the follow... Question 1 of 10 How much did Andrew deposit every month in his savings account if he had \$11,000 after 30 month-end deposits? The money in his savings account if he had \$11,000 after 30 month-end deposits? tomten ar 16 cm hog och har volymen 1 dm' den lilla tomten? Svara i dl.... Let $x_1 = 0$ or $x_2 = 0$. Why can't x_1 and x_2 both be zero? Question 3 of 4 Enumerate the Steps of the Polya's Problem Solving Strategy. (2) points each) Answer with text and/or attachments.. Question 4 of 4 Using the Polya's Problem Solving Strategy, find the ... Bring the business section of a major newspaper to class. Discuss the articles on stocks and bonds. 2. Enumerate words in Margin Call which is important on stocks and bonds, define them using any s... (4] Consider the following complex function sin[z) flz z(z + 100) (a) What are the poles of flz) and what is the order of the poles you have identified? (6 marks} [b] We are given the followin... Please provide Handwritten answer. Question 8. Let f: R' - R3 be $f(x_1, X_2) = (12, 21, "102)$, and w = yody1 A dy2 + dy2 A dy3. (i) Find f^*w by the definition. (ii) Find f^*w by propositions. Gillian receives a yearly salary of \$78,000. She is paid semi-monthly, and her regular workweek is 32 hours. a) What is the equivalent hourly ra... Part A: Readings on Matrix Calculus In Part A, you are asked to write a brief summary on the topic of Matrix Calculus after you have accessed and read the following references: Matrix Calculus: The... . Suppose you have a 2-class classification problem, where each class is Gaussian. Let 9 = {a,p1, 21,p2,22} denote the set of model parameters. Suppose the class probability p(y|0) is modelled via ... assuming you can produce atthe optimal mix, answerthe following: 1. How many of each product is produced per month and what is the total monthly contribution? 2. A manufacturer otters P10 per hour as ... Part D: Communication 1) a) Match each equation with its graph, and explain how you know. Y = 2* I know this is line because
the factor is than 1... Heyy I need really your help ing the coordinates on the chart. Assessment Practice 3 3 Graph and label each point on the coordinate plane at the right. (6.NS.3.6b E(-24 - 13) F(1.5, -2.75) G., Solve the guadratic equation by completing the square and applying the square root property. 2 x 2 + 6 = 9 x Select one: a. {-9-33/4,-9+33/4} { $-\sqrt{87}$, -9 ... Sir i am stuck for this question . 5. [-/3 Points] DETAILS JMODD8 1.3.060. Write the statement in symbolic form, construct the negation of the expression (in simplified symbolic form, construct the negation of the expression) (in simplified symbolic form, construct the negation of the expression) (in simplified symbolic form, construct the negation of the expression) (in simplified symbolic form, construct the negation of the expression) (in simplified symbolic form, construct the negation) (in simplified symbolic form, construct the negation) (in simplified symbolic form) (in simplified symbolic form) (in simplified symbolic form) (in simplified symbolic form) (in simplified symbol) (in single symbol) (in s 12, ||x]| = (En>1 (x, 2) is a norm. Hence d... Question 1: For the oral drug dose application we discussed in class, here is a slightly more complex compartment model with "snuffles," an upper respiratory disease. The rabbit will require the liquid antibiotic Enrofloxacin (22.7 mg/ml) at the dosage of 6 mg/kg. The rabbit weighs 5.2 lb... By graphing only without creating a table of values. find the point of intersection of the following Mo lines. Use the method of the slope and y interoept [4 marks] x+y=5 3x+4y=24 Cash Paid jobs in 3... Login - CVS Health Home - CVS Health In Essay 2: Reverse M.. In Georgia Military Co... G cvs fill Program: Bachelor... time clock wizard @ Dynata - Interviewer.sur... give me the answer. Activity 1 (To be submitted) Determine the unknown sides for each of the following right-angled triangles 25 D 12 cm 50 B (15 em Acly 2 P C 630 AJ 18 cm O 22 cm A B R 3 B 10 cm C 1... Please explain solution. Which of the following utility functions is not equivalent to the others? (a) U(x) = 1 - e(correct)(c) U(x) = 1 - e(correct)(cMirror & Deco Company has five employees which makes three different kinds of hand-crafted mirrors: a wood-framed and vinyl-framed mirror. They earn RM60 for each wood-fr... question 1. 1.) Benchmark - Major Assignment 3 for Math 144 ABC' company's cost function for the next four months is C= 500,000 + 5q. Required: a) The break-even dollar volume of sales if the selling price is Birr 6 per unit. b) What would... Mr. Adkins teaches a Current Events course and is known for making his final exam very thorough. He thinks that with the technology present today, his students should be able to stay current with all ... How can I solve this proble m? Please write all the steps.. (6) Does G(V, E) in (3) contain a. clique with three nodes? Please provide Handwritten answer. Consider the following linear program min -211 + C2 12 + + C5 C'5 + = 12 s.t + 012 12 + 013 03-I1 + (22 12 023 03 C5 2 0. and an intermediate dictionary given by 52... need help on solving this problem. please show steps on how to solve it. thank you. 2. Suppose y(s) is a unit speed curve in 3-space is said to rectify (or straighten) the curve ... Problem 7. (8 points) Consider the ordered bases B = [:]. [-] and c = 1 2 2 Hor the vector space RA a. Find the transition matrix from C to B. 88 b. Find the coordinates of u = in the ordered basis B.... harizer |.. New tab StudyGate: Online T.. M (no subject) - jennif.. All held questions so far. Which of the following is t... Use strong induction to prove that n < 3"/3 for every integer n 2 0. find the cauchy principal value of the following Integral. 2. (Problem 9.25) Find the principal value of the integral, sin T J. (x2 +9)(2 -2) (Don't forget that the residue theorem works slightly diff... 3) (15 points) Solve. (see Illustrations, # 3) A restaurant manager wants to purchase 200 sets of new dishes. One design costs \$25 per set, while another costs \$45 per set. If she has only\$7400 to spe... Sir i am stuck for this question with complete explanation. a. Choose the correct equation for the tangent plane to the surface 2z+2 = 9xey cos(z) at the point P (6, 0, 0). Click for List b. Find a v... Tir Marvin writes a number that shows Att 21 70 parts out of 100. Select all that could be Marvin's number. $0.07\ 7\ 10\ 70\ 0000\ 100\ 0.70\ 70\ 10\ 0.07\ MCQ$. Question 14 (1 point) Saved Which of the following models is stationary? 1) ye = 2y-1 + up(2) y. = 0.803y-1 + 0.082y-2 + ut(4) y = -1.01y-1 + ut real-world systems, it will be important to pick domains that make physical sense. Exercise 1.2.5 Give three possible domains for a function defined by the formula g(X) = x-5. Write the argument in Write the argument that was symbols p, q, and r from used. Is the argument valid? above Premise 2 ... Conclusion... STATISTICS Answer the given problem. Analyze what tool should be used. 1. The data in the following table resulted from an experiment that utilized a completely randomized design. Treatme... An explanation for this project. Thanks. Pick one of the topics below for this project. Thanks. Pick one of the topics below for this project. conjectures as appropriate to the situation, are based on well-planned investigations of geometrical properties A group of 50 tourists can choose between visiting the Aero Space Museum, 29 went to the zoo, and 33 went to Glenbow ... For the following example start node is A and the goal is G. Use Dijkstra Algorithm to solve it. Arrows are showing which cave can be reached from which other cave. For example from B to D is not poss... can you help me?. The first term of an infinite geometric sequence is 4. The sum of the infinite geometric sequence is 4. The sum of the first 8 terms Find the least value of n for ... Bonus: Which box at crackers is the better buy"? Show your thinking. Illustration 11 : Draw a Histogram to represent the following data : Income in < Number of Families 10000-20000 25 50000-60000 18 Solution : Here the cl... Part B: Application Sketch one cycle of the cost of function (radians) y = 2cos 3(x - 4)-1. (5 marks) 6 Amplitude: Period: Horizontal Translation: Vertical Translation: Starting points: I dont know what the answer would be. 160.72 = 1.64 Children must learn and understand in order to fully understand place ... please watch the video and answer 8 In the video below, Elliot was given the problem 1½ ÷ ½. i) Why did he get an answer of 4½, instead of the correct answer 4½? ii) Explain why 4½ is the corr... how do u solve this. 12. The table shows the percent of households with Internet access Percent of Year Households for selected years from 2009 and projected through 2015. 2009 67 (a) Find the cubic f... The selling price per unit of a product is \$35, the fixed costs per month are \$12,500, and the total variable costs per month are \$11,900 at the break-even point. What is the number of units required ... It saves the annual-mean temperature (units required units required and projected through 2015. 2009 67 (a) Find the cubic f... The selling price per unit of a product is \$35, the fixed costs per month are \$12,500, and the total variable costs per month are \$12,500, and the total F) of Missouri from year 1997 until year 2016. Column one is calendar year, and column two is the temperature for each years ago will grow to \$20,155.09 in 3 years and 4 months from now if money grows at 6.44% compounded semi-annually? For my combinatorics class - please include: explanation! For an insurance policy issued to (45), you are given: (i) The policy will pay 100,000 at the moment of death is a... can you please make an example of a program that is round a number and truncate a number and return a double value What's More Exercises: A. Find the equation of the line of the form y = mx + b that passes through the following pairs of points. 1.) (3, 4) and (4, 7) 2.) (8, 4) and (6, 10) B. Find the line are equation (0, 7/2). Let & be the straight line on C containing the point e and the origin. (a) Present S = z-1 z+ 11 in the form $\{x + y\}$ equation(s) on x, y} (b) then draw the... Question 12, 3.6.25-BE HW Score: 75%, 9 of 12 points Homework: 3.6 Hom... Save Part 1 of 3 O Points: 0 of 1 Next Question Suppose a cost-benefit model is given by 6.1x y = 100-X where x is a number of ... 9) (4 points each) Let U = {8,9,10, 1 1, 12, 13, 14, 15} and let A = {x | x is
composite} and B = {x | x is a multiple of 3}. List the elements of the following sets: a) AnB : b) A'UB': Cake problem: Figure 2.26 represents two cakes of different sizes. Each cake was divided into 12 equal pieces. Marla ate one piece from each of the following complex numbers. a. V1 b. -1 C. V1 -i d. B-i e. (-1 + V32) 2. Find all solutions of 23 = -8. Pls answer the following Physics questions:. Question 5 For this question 5 For this question assume that the only force acting on the ball is gravity. A man, standing at a height of 49 metres , throws a stone upwards in ... Q1 In the original equation, x? is an omitted variable to be replaced by its proxy X3. Original equation: $y = Bo + 1 \times 1 + 2 \times 2 + B3x3 + u$ Proxy equation: $x3 = 6 + 63 \times 3 + V3$ a) Substitute the proxy equa... Question 3. (3 Marks) Find the extremals of fo [ic2 + 2x] dt with x(0) = 0 and x(2) = 1 subject to the constraint So adt = 2..2. Let n > 1 be an integer. Prove that 99(7),) divides n if an only if n = 2635 for some integers a > 0, b 2 0. A golf ball is initially traveling at 87 m/s [S] and hits a tree to come to a complete stop in a time interval of 0.82 seconds. The golf ball weighs 0.143 kg. Calculate the net force acting on the... can you please help me with this one. Part III Mang Donald wants to include a map of his property in his advertisements. Draw a map to show the layout of his property. Show the following features: a. ... solve 1 and 2 please. PART D: THINKING (Show all your work and calculations.) 1. Solve for x, Final answer to 2 decimal places. 25(125) 2= (625) [4] 2. Solve the system of equations from R3 to R3 defined as follows: ?(?, ?, ?) = (3? + 5? + ?, -2? + ? - ?, ? - ?) and ?(?, ?, ?) = ... Vraag 1 Question 1 an 50 kg hang af dear twee A 50 kg traffic light is suspended by two inelas- lastlese) 21 m kabels wat 'n massa the (not elastic) 21 m cables which have a mass of heter lengte. Die ... Please provide Handwritten answer. 1. (3 points) Let X be a set of positive integers (me.. , T,) and n 2 5. Prove that there is a subset of X for which it is possible to add or subtract its elements ... the following are business....ex[lain all parts its complete. c. Derive the limiting value function lim UT-1(x) = - -In ((1 - B)x) B 1 - B (1 - 3... Recall that a subgraph H of a graph G is proper if H =/ G. (H does not equal G) a) Prove that if a connected graph G is a tree, then no proper spanning subgraph of G is connected. b) [NOTE: Can be sol... Find one possible missing coordinate so 11131 the point becomes a solution to the given inequality. (2,9) isasolutionno 32-6 5y. z=\ @E Show your work and explain, in your own words, how you arrived... (20) points) A nice grandma owns n cats C = {1, 2, ..., n} (yes, those are their names!). One day she gets fed up with her cats and decides to get a magical potion to turn her cats into dogs. She think... Juwan and his friend Jamie are watching their favorite tech penny stocks in the stock market. The initial value of Jamie's stock was \$4.00, while Juwan's stock's initial value was \$0.00. Because of... can you slove this. (1) Given that 1 = -2, m = 3 calculate the value of Im(m - n) (2marks] (2) If I-PRT/100, find I when P-300, R-\$ and T = 5 (3) If P = 2(L + w). find P when L = 8 and w = 4. (4) Given ... A researcher surveyed 10 selected animal farms in a municipality and found out that the average weight of chicken is 0.8 kilograms Consider the following cost and pricing data of ABC Corp. on its Product X: Price: P120.00.per unit (for quality improvement) Current ... Begin by adding the hundreds, saying the totals as you go, "3hundred, 4 hundred, 8 hundred". Then add on to his partial sum tens in a successive manner and finally the ones. 2. try adding 367+155... Please provide Handwritten answer. (b): Find fourier cosine series of f (x) = (xe 3 0 < x < n. [10 points] Problem set#3: Convex Optimization a. For each of the following, determine the location of extrema check if it is maximum or minimum: a. f(x) = x7 + xz + x2x1 b. f (x) = (xe 3 0 < x < n. [10 points] Problem set#3: Convex Optimization a. For each of the following, determine the location of extrema check if it is maximum or minimum: a. f(x) = x7 + xz + x2x1 b. f (x) = (xe 3 0 < x < n. [10 points] Problem set#3: Convex Optimization a. For each of the following, determine the location of extrema check if it is maximum or minimum: a. f(x) = x7 + xz + x2x1 b. f (x) = (xe 3 0 < x < n. [10 points] Problem set#3: Convex Optimization a. For each of the following, determine the location of extrema check if it is maximum or minimum: a. f(x) = x7 + xz + x2x1 b. f (x) = (xe 3 0 < x < n. [10 points] Problem set#3: Convex Optimization a. For each of the following, determine the location of extrema check if it is maximum or minimum: a. f(x) = x7 + xz + x2x1 b. f (x) = (xe 3 0 < x < n. [10 points] Problem set#3: Convex Optimization a. For each of the following, determine the location of extrema check if it is maximum or minimum: a. f(x) = x7 + xz + x2x1 b. f(x) = (xe 3 0 < x < n. [10 points] Problem set#3: Convex Optimization a. For each of the following, determine the location of extrema check if it is maximum or minimum: a. f(x) = x7 + xz + x2x1 b. f(x) = (xe 3 0 < x < n. [10 points] Problem set#3: Convex Optimization a. For each of the following, determine the location of extrema check if it is maximum or minimum: a. f(x) = x7 + xz + x2x1 b. f(x) = x7 + x2x1 b. f(x) = x7 = xi + x2x1 b. For th... Ted has a 0.78 chance of making par on each hole of golf that he plays. Today he plans to play just three holes. Find the probability that he makes par on exactly two foo the three holes. 1- For each set of ordered pairs, is the relationship a function? Is the inverse a function? a) {(0,1),(1,3), (2,5), (3,7)} b) {(0,3), (1,3),(2,3), (3,3)} c) {(1,1),(1,2), (1,3), (1,4)} 2. For each ... sir i am stuck for this question. 3. (4 MARKS) A probability matrix is a square matrix having two properties: (i) every entry is a nonnegative real number, and (i) the sum of the entries in each row i... 11 Consider the number 2160. a) What is the Number of Factors (NF) of 2160? b) Give the Prime Factorization (PF) of 2160. c) List All Factors (LAF) of 2160. 12 Calculate and illustrate 42... The upper portion of this noble beast is to be approximated using clamped cubic spline interpolants. The curve is drawn on a grid from which the table is constructed. Use Algorithm 3.5 to construct... I need help. Find the future value of each annuity due Then determine how much of this value is from contributions and how much is from interest. Payments of \$5000 made at the beginning of each semia... If 16 out of 28 students in Mrs. Jones' class own a pet, predict how many students own pets if there are 350 students in 5th and 6th grades. 2015 Envision and Engage - E 1 I need answer immediately. If 90 gallons of oil flow through a certain pipe in 18 minutes, how long will it take to fill a 600 gallon tank using this pipe? (Round to the population proportion. O In order to find the exact sample proportion. O In order to find a confidence interval? range of values ... Show the lattice method for calculating 139 x 25 = Sir i am stuck for this question. Suppose that g(u,v) is a differentiable function that satisfies for all points (u,v) 42 = 9. 29 = 2. du If we make the change of variables u = 9x+6y, v = 2xy, then we... Resolve this problem. Convert 300 to radian measure in terms of It. radians Please! :). A veterinarian prescribed Lauren, a 31-pound dog, an antibacterial medication in case an infection emerges after her teeth were cleaned. If the dosage is 7.25 mg for every pound, how much ... determine the amount of semi-annual coupon paid for a 3% bond with a face value of P 100,000.00 which matures after 8 years. How many coupons are paid Question 3 (25%) LaNew's customers are categorised into five different customer group) referring to five different memberships : Internet, Club, Silver, Gold, and Premium. Customers, ... 10) Adding/Subtracting fractions. Find the common denominator and rewrite as two fractions with the same denominator. a) b) ON C) UIIN OOIW WIN Describir el espacio muestral asociado a cada uno de los siguientes experimentos aleatorios: a) Lanzar tres monedas. b) Lanzar matched with V2 is equal to W - [1C\$f[|A| - [N(A)|]- I need help with this question. SECTION B Instruction: C ongpiete ALL questions from this section. Question 1 i. Find the exact value of the expression 2 2 1 +33 2. x56 lab-1 up: ii. Evaluate (0.025... Thank you!. 22:35 7 LTE I webassign.net (X, y, Z) = 1, 2' Need Help? Read It 3. [0/1 Points] DETAILS PREVIOUS ANSWERS HARMATHAP12 3.3.007.MI. MY NOTES ASK YOUR TEACHER PRACTICE ANOTHER An augmented ma... You make and sell purses. The cloth costs \$289.77 a month. The cost of all your materials is \$505 a month. What percentage of your cost is the cloth? (Round to the nearest whole percentage.) Find the Fourier transform of: f(x) = 10, fa' - x', |x| ca |x > a Hence, deduce [3] sin x - X COS X dx = [3] Remember: If a function g(x) is odd, g(x) = -g(-x, y) for 1 < x < 2, y > 0, where C > 0 is an appropriate constant you will identify... Given a A Rnxn, T E R", b E R", and) > 0, prove that f (7) = = AT + b + 2 AT is convex. For this part, you may use the following properties of convex functions: . E: wifi(I) is conv... the first guideline in using manipulatives is to let students play with the material. why do you think this is so? Can someone answer. Solution = F = (AV-B) + 2 AT is convex. For this part, you may use the following properties of convex functions: . E: wifi(I) is conv... the first guideline in using manipulatives is to let students play with the material.) -> " (C-AMB) VUL Pay= mpVE - (AND) - (CA - LAMB JJVAL In (-AMB)V (CA - LAMB JVAL In (-AMB)V (CA - LAMB)V (CA - LAMB) theme, we note that astronomers don't work with cartesian coor- dinates, but with angles. That is, polar coordinates. We
will develop a polar equation for conics. In th... (a) A single particle in an infinite square well which runs from z = 0 to x = a has eigenvalues En - 2m ki and eigenvectors $un(x) = V2/a \sin(kn2)$ where kn = nT/a. Now consider two electrons in the... Use the Bisection method to find solutions, accurate to within 10^3 for the following problems. plz solve part c step by step . C. x - 4x + 4- Inx = 0 for 1 < x × 2 and 2 < x < 4 Please provide Handwritten answer. By multiplying the following scheme, on+1 m - un m a in+1 m+1 + 'm m + - Um-1) = 0, k h h (1) by un+ + un and summing over all values of m, obtain the relation (1 -... The table below shows the number of deaths in the U.S. in a year due to a variety of causes. For these questions, assume these values are not changing. Assuming these values are not changing from year... Hello, Please help with the following questions: 1. What was a \$4400.00 investment worth after 6 3/4 years if earned 5.4% compounded monthly? 2. Payments of \$1300.00 due today and \$1800.00 due in 1 ... [-/1 Points] DETAILS SPRECALC7 6.1.065. This exercise involves the formula for the area of a circular sector. Find the area of a circular sector. Find the area of a circular sector. Acme CoyoteWare (ACW) is given by O = 20E0.6 MO.2 HO.3 where E = the number of engineers that ACW employs. M = the number of engineers that ACW employs. M = the number of engineers that ACW employs. M = the number of managers that ACW employs. M = the number of engineers that ACW employs. M = the number of engineers that ACW employs. M = the number of managers that ACW employs. M = the number of engineers. $M = \text{t$ profit P (in mil... Please see attached and provide full written explanation. 5. A network consists of the following list. Times are given in weeks. Activity Preceding Duration A B E, J a. Draw the network diagram. D. Wh... let $z\neq 0$, f(z)=(Re z) 2/|z|, f(0)=1. solve that is it continuous at the origin? thank you. Problem 3. For eaCh n 2 1, let X" be a uniformly distributed random variable on the interval [0, 1/71]. For a: > 0, what is the limit of P(Xn S 1:) as n -) 00? What is the limit of P(Xn S 1:) as n -) 00? What is the limit of P(Xn S 0) as... please answer the following question below. 3. Use the straight line tool in "Shapes" to help you graph a line whose slope is Label this lino a. Only need problem 3 but problems 1 and 2 provide information. Both are listed as reference. Any attempt towards the right direction is appreciated. Thank you. 1. Let N = {s,a,b,s'}. Let the nonzero ... There are two competing brands of toothpastes in a market. The brands are colget and Akuafresh. A survey was undertaken to determine the extent customers switch over from one brand to another every ... Sir i am stuck for this question a 3: Find all stationary points of the function $B = \{(x, y) \in \mathbb{R}^2 \mid x > -2\}$. Imagine for each s... Which number is in the tenths place of "0.7129"? * 1 point 1 2 7 9 Kiko scores 0.8 of what Shawn scores 60 points. How many points of the function $B = \{(x, y) \in \mathbb{R}^2 \mid x > -2\}$. Imagine for each s... Which number is in the tenths place of "0.7129"? * 1 point 1 2 7 9 Kiko scores 0.8 of what Shawn scores 60 points. points did Kiko score? * 1 point 48 68 72 75 Gabriel... SITUACIÓN CONTEXTUAL N° 02 MINSA: CASOS CONFIRMADOS POR CORONAVIRUS COVID-19 ASCIENDEN A 1 338 297 EN EL PERÚ (COMUNICADO N°440) Problem 3 (12 Points) Solve x1 = x1 + x2 x) = 4×1 + x2, A vehicle travels at 40 kilometers per hour and at t=0 it applies brakes If the deceleration is 3+t meters per second squared when would the vehicle come to a complete stop solve kindly. For the following power series, a. find the radius and the interval of convergence. b. determine the convergence and diligence of the end points of the convergence and diligence of the end points of the convergence. b. determine the convergence and diligence of the end points of the convergence and diligence of the end points of the convergence. b. determine the convergence and diligence of the end points of the convergence. b. determine the convergence and diligence of the end points of the convergence and diligence of the end points of the convergence. b. determine the convergence and diligence of the end points of the convergence and diligence of the end points of the convergence. b. determine the convergence and diligence of the end points of the convergence and diligence of the end points of the convergence and diligence of the end points of the convergence and diligence of the end points of the convergence and diligence of the end points of the convergence and diligence of the end points of the convergence and diligence of the end points of the convergence and diligence of the end points of the convergence and diligence of the end points of the convergence and diligence of the end points of the convergence and diligence of the end points of the convergence and diligence of the end points of the convergence and diligence of the end points of the convergence and diligence of the end points of the end poi entries on the diagonal. Prove that the space of all solutions of x' = Ax is an n-dimensional linear space What are the similarities and differences between Pythagoras Theorem and Fermat's Last Theorem. Be specific and detailed. Test for relative minima and maxima the following real functions with two real variables: f(x,y)= x 3 - 3x + xy 2 f(x, y) = x 3 + y 3 - 9xy + 27 f(x, y) = x 3 + y 3 - 3xy a. Calculate the first partial d... please help with 9.51 thank you. 9.51. Show that the asymptotic lines on the surface $x_i - x_i = C$ and $*_i - x_i = C$ and points) Word Problem Question 3: (You must upload an image of your FULL solution to the question in eConestoga: Course Tools, Assignments, [Final Exam Submission]) Glo... Quantity Description Unit Price Amount 56 Item A \$0.625 180 Item B 8374 126 Item C \$1.16 144 Item D \$1.75 Total (Round to the nearest dollar as needed.) a) True or False {a, b} c a, b, c b) If part a was false, explain why. Don't write in your handwriting because I don't understand I will put a large emphasis of your grade on how well you communicate your solutions... The life span of a certain wood cutting machine manufactured by a factory has a normal distribution with a guarantee that any machine that stars malfunctioning within 36 months of the purchase will ... CALCULUS 1.. Given y = V1 + x3, find dy/dx. Use this result to find the approximate change in the value of y when x increases from 2 to 2.015. (10 marks) Please provide Handwritten answer. Advanced Math Just give an example will do . 12.32 Construct matrices A, and A2 such that (AlA2) * AA). Polya's problem solving. Answer the following question, use the Polya's Problem Solving to solve the problem. 1. The product of a number and 1260 is 798 more than thrice that number. LWC x M Inbox (5) - alexus.garza@linds(x k! Module 2 - 2021 Fall 1 x Lesson 2.3 Certify Mode Quest X + C learn.hawkeslearning.com/Portal/Lesson/lesson certify#! - Save & Exit C... please help with Data needed for question Infected Yes 1 Y rule simplify the equation using Euler rules. x(a + bcos x - c sin x L = lim 1 X40 Common stock X pays a dividend of \$100 at the end of the first year, with each subsequent annual dividend
being \$10 more than the preceding one. Alice purchases the stock at a theoretical price to ... In the figure below, it provides the communication network between two stations, 1 and 7. The probability that a link in the network will operate without failure is shown on each arc. Messages are sen... 3.6b Consider the second-order AR process defined by Xt = XXt-1 + 12Xt-2 + Zt If X1 = 1/3, 12 = 2/9, show that the ac.f of Xt is given by 16 p(k) = +, k = 0, 11, 12, ... 21 21 09 Lester bought a piece of property in Vail, Colorado. The sides of the land measure 1291412914 feet, 80348034 feet, 1201812018 feet, and 1243412434 feet. Lester wants to know the perimeter (sum of al... topic is all about: Measures of Central Tendency . 'I. Examine the followi... Determine the shaded area + 21 ft The shaded area is (Round to two decimal places as needed.) Edit these functions to make it more smooth. show working out how it connect (1st line link to 3rd, Maximum length 200m maximum height 60m ... 1:04PM J H all all \$ 82% X a www.studocu.com E StuDocu Q + 21 ft The shaded area is (Round to two decimal places as needed.) Edit these functions to make it more smooth. V Sample/practice exam 16 20... (b)Some people believe that the Moon controls their activities. If the Moon moves from being directly on the op... PULLIWO IN HI When we multiply 0.48 X 3.9, we first multiply as if the decimal points were not there: 3.9 X .48 312 1560 1872 Then we place a decimal point in 1872 to get the correct answer. Explain c... A loan of \$2400 is due in 7 years. If money is worth 3.3% compounded annually, find the equivalent payments that would settle the debt at the times shown below. (a) now (b) in 3 year... {12 pts} Determine how much it will cost to have the Shirk Brothers fix your floors. Use the floor plan in the Appendix. You only need to include those spaces in the house (not the garage, covered ... Find ?y/dx by implicit differentiation and evaluate the derivative at the given point: a) x^2- 2y^2=0 at (1;1) b) y^2 = x^2-4/x^2+4 at (2;0) business mathematics. Question 50 (2 points) Five-eighths of Jesse Black's inventory was destroyed by fire . He sold the remaining part, which was slightly damaged, for onethird of its value and rece... (12 pts) Explain why or why not f: Z - Z where f(n) = 2n is: (a) one-to-one (b) onto Math Numerical Analysis A-D. This is often called the central difference because the point at which we are approximating... A rectangular garden is 20 m long and 9 m wide. It is surrounded by a path of uniform width. Given that the area of the paths is 170 m 2: Find the width of the path. The fourth-degree polynomial f (x) = 230 x 4 + 18 x 3 + 9 x 2 - 221 x - 10 has two real zeros, one in [-1,0] and the other in [0,1]. Attempt to approximate these zeros to within ... convex function. Question 2: For a E R⁺, check whether the following function f : Rn -> R f (ac) = e- (a,x) is convex. Provide a formula for its gradient and Hessian. i don't know how to solve it. Kertos 2 : Hahagian B Gunaken kertos graf untuk menjawab soalan ini the graph paper to answer this question. Sebush ryaniket penghantarou bendak menghantar bungkuran ke b... Solve the following problem.. Prove that there are no self-conjugate partitions of n, whose third part is 2, when n is an odd integer. Advanced Microcomputer Systems had annual sales of \$31,979,000 with total variable costs of \$20,934,000 and total fixed costs of \$6,211,000. a. What is the company's contribution rate ? b. What annual... A town's population increases at a constant rate. In 2010 the population was 57,000. By 2012 the population had increased to 82,000. If this trend continues, predict the population in 2016. The population in 2016. The population had increased to 82,000. If this trend continues, predict the population at (16 837) - cindyleandred X Homework C www.webassign.net AT(By liberty Dashboard Learn - Study Mater... Orbund Shadowhealth 8. [-/1.15 Points] DETAILS LARMPMT1 7.2.017. 0/100 Submissions Use... Research about tax rates in the Philippines. Based on the existing tax structure, define a piecewise function by giving (a) the function's equation, (b) a table showing some ... 1.- The speed of fall of a skydiver is given by the formula: Where "v" is the speed in m / s, "m" is the mass in kg, " the time in seconds, "c" is the coefficient of friction in kg / s, g = 9.8 m... 9. In R' a function is convex if, for all x and y, g((1 - 0)x + By) < (1 - 0)g(x) + 0g(y) (0<0<1). If g" exists, show that g is convex if g" > 0. A Rhino cement company owns two production plants. Plant 1 costs 21337 per day to operate, and it can produce 275 bags of high-grade cement, 505 bags of medium-grade cement, and 554 bags of low-grade... Each person of a random sample of fifty people was asked to name his or her favourite soft drink. The responses are shown below Pepsi-Cola 18 Sprite Coca-Cola 16 Nehi Orange Mr. Pibb 4 Dr. Pepper S... i am not sure what to do . Seiecl the correct loops to simplify the given function in GOP {sum of products} tom]: Note: To select loops that wrap around the edges of the table, you must select both s... Set up a ratio for the following information and reduce to lowest terms: \$5 per day for 15 employees for 40 days. Please zoom up to see the questions I know some them are not clearly Question 3 1 pts Suppose that each week, you deposit \$34 into a savings account whose annual rate is 2.7% with weekly compounding. How much will you have in the account after 14 years? Round your answ... can you please answer this and give me explanation on how you get the answer. f(2c) = 1/2(2c) + 3 (7). (10 points) Let A E Rnxn be a non-singular matrix, tell if the following statements true or false. (a). There exists a matrix B, such that AB = I. (b). Row vectors of A form a basis of Rn. (c). T... Hi can you help me solve these problems. QUESTION Determine the height of a rider who is 50 m horizontally from the starting point. Show algebraically and graphically... PART 2C: Roller Coaster Safety ... Phase plane portraits are a useful visualization tool for evaluating the behavior of second order ODEs, or equivalently two dimensional linear systems, x (t) = Ax(t), (6) where A is a 2 × 2 matrix. ... {2D points} Suppose a consumer's utility function is 11(x, y] = G'E + ifif. with it and y the amounts of two goods are p, = \$1 and pi... = 52, respec... I need assistance on these past questions.. 8. (10 points) (Lagrange Multiplier Method) Find the maximum value of f(x, y) = 7 + 3xy (for > > 0 and y > 0) along the ellipse + = 1. 25 9 Question 4 [20] 4.1 Factorise fully. 4.1.1 4(a + b) - x (a+b) (4) 4.1.2 t(x - y) - 2(y - x) (4) 4.1.3 p- 1 (4) 4.1.4 5ab- 562 + 5ab (2) F3 x Suppose that you invest in an account with an APR of 6.1%, compounded continuously. Determine the annual percentage yield (APY), to the nearest hundredth of a percent. (a) 4.95% (b) 6.29% (c) 6.05% (d... please help. 6- (a) A Poisson rv X has unknown mean 0. A sample of 500 obser vations from this distribution has mean 9.4. Construct an approximate 95% 2. 17.26 - 0.4587 = confidence interval for 0, using the normal appro... Perform the following operations and do not forget to attach your solutions in classwork for additional points. 1. 16.789 + 0.23 + 1150.4 = * 3. 1594.2 - 83.21... d Consider that an experiment gave four scalar data points y to be 1, 3, 7, 11 at times t = 1, 2, 3, 4respectively. The experiment model is y = c + mt + nt2. Find the best curve (parameters c, m, n) ... pic. Question 11 128 The 3d term of a geometric series is 16 and the first term and the common ratio. [5] b) State the range of values... (a) Determine the level of measurement following variables. A car lists the most expensive cars for 2020. The roster of a basketball team lists the jersey numbers for each of \$11,000 today is to be repaid by 2 equal payments due in 3 years and 7 years respectively. Determine the size of the equal payments at 3.20% compounded monthly. Round your final answer to tw... Consider the problem of classifying D dimensional inputs :1: E R". Suppose we have 2 classes and the output is denoted y E {9, 1}. If we use a binary logistic regression classifier then the model i... Check the right set 1- Sets A and B are equal 2-Sets A and C are equal 3-Set Band C are equal 5-None of these sets are equal to one another Also, remember to explain y... Answer directly no explanation needed, answer as fast as you can this has time limit. Question 7 Consider the function $f(x) = -1 \cdot 2^* + 4$. Not yet answered Marked out of 6.00 The domain is Flag questi... homogeneous system of equations. b+dte+f=0 solve
3a+2b+2c-3d-e-3f+k=0-2b+2c-3d-ab+2c2c+2e+ 2k = 0 The genetic material on a planet is the same as that on the earth, consisting of A, G, C, T, U, but they are just linear Relation X 293124071 Linear Relation X 293124075 Linear Relation X 5293124083 Linear Relation X Untitled.notebook X C. File | C:/Users/khadi/Downloads/293124086 Linea... 3. Find and classify the stationary point(s) of the following functions: (a) k : R3 - R defined by: k(x) = r Ar + b, (4) where: 3A = -13 (5) 1 - 3 and b = 2. Is k(x) = r Ar + b, (4) where: 3A = -13 (5) 1 - 3 and b = 2. Is k(x) = r Ar + b, (4) where: 3A = -13 (5) 1 - 3 and b = 2. Is k(x) = r Ar + b, (4) where: 3A = -13 (5) 1 - 3 and b = 2. Is k(x) = r Ar + b, (4) where: 3A = -13 (5) 1 - 3 and b = 2. Is k(x) = r Ar + b, (4) where: 3A = -13 (5) 1 - 3 and b = 2. Is k(x) = r Ar + b, (5) 1 - 3 and b = 2. Is k(x) = r Ar + b, (7) 1 - 3 and b = 2. Is k(x) = r Ar + b, (8) 1 - 3 and b = 2. Is k(x) = r Ar + b, (9) 1 - 3 and b = 2. Is k(x) = r Ar + b, (9) 1 - 3 and b = 2. Is k(x) = r Ar + b, (9) 1 - 3 and b = 2. Is k(x) = r Ar + b, (9) 1 - 3 and b = 2. Is k(x) = r Ar + b, (9) 1 - 3 and b = 2. Is k(x) = r Ar + b, (9) 1 - 3 and b = 2. Is k(x) = r Ar + b, (9) 1 - 3 and b = 2. Is k(x) = r Ar + b, (9) 1 - 3 and b = 2. Is k(x) = r Ar + b, (9) 1 - 3 and b = 2. Is k(x) = r Ar + b, (9) 1 - 3 and b = 2. Is k(x) = r Ar + b. value of the following series with the help of a suitable Taylor series! 72 7. 24 64 7=1 Note: See e.g. problem 1! Construct a Frequency Distribution Table including all informative columns. Make sure to show the step-by-step solution, just like what is written on your learning material.. INSTRUCTIONS: On the tabl... Linear Recurrence: Problem 7 (1) point) Find the solution to the following linear, homogeneous recurrence with constant coefficients: an = -16an-2 for n 2 2 with initial conditions ao = 8, a1 = 40. The... Calculus MAT1308 asap. Given : =3+ 2ez, fx e - 12 + 18 1. Find domain of f(x) 2. Find V. A and H.A. 3. On What interval f(x) is increasing/decreasing. 4. On What interval f(x) is concave up/down 5. Us... Consider the dynamical field variable u(x, t), where x and t are the usual spatial and time variables, respectively, that is governed by the Hawks in that season. (This will vary by whether the team made it to the playoffs, and how far they advanced.) Use the... Linear Programming: An Algebraic Approach (dont use excel for explanation i just need help to create an equation and everything else I will c alculate on my own) Please help me. R Larren Buffett is concerned after receiving her weekly paycheck. She believes that her deductions for Social Security, Medicare, and Federal Income Tax withholding (FIT) may be incor... The following matrix has an extra term 0.505 beyond what we usually see in a Leslie matrix? Exp... Teacher strategies: FEAP (a)1.b (Attach copy of student activity worksheets for skill practice.) 3. Teacher demonstration: Sebuah perusahaan menjual seluruh hasil produksinya Total penerimaan ditunjukkan oleh fungsi TR = 7Q dan total biaya adalah TC = 60+800. Tentukanlah! Jumlah produksi agar tercapai titik impas dan gamb... The system x + y + z = 3 x = y y = z y = 1 is inconsistent. Select one: True False Create a function to compute $\sum k n = 0 \sum j k = 0 (-1) j (j + 1) n (j k)$. Adoctorprescribesamedicationtoachildwhoweighs50lbandis39intall. The safe dosage for a child is 2-4 mg per m2. Use the West nomogram to estimate the child's BSA and determine the safe dosage for a child is 2-4 mg per m2. Use the West nomogram to estimate the child's BSA and determine the safe dosage for a child is 2-4 mg per m2. Use the West nomogram to estimate the child's BSA and determine the safe dosage for a child is 2-4 mg per m2. Use the West nomogram to estimate the child's BSA and determine the safe dosage for a child is 2-4 mg per m2. Use the West nomogram to estimate the child's BSA and determine the safe dosage for a child is 2-4 mg per m2. Use the West nomogram to estimate the child's BSA and determine the safe dosage for a child is 2-4 mg per m2. Use the West nomogram to estimate the child's BSA and determine the safe dosage for a child is 2-4 mg per m2. Use the West nomogram to estimate the child's BSA and determine the safe dosage for a child is 2-4 mg per m2. Use the West nomogram to estimate the child's BSA and determine the safe dosage for a child is 2-4 mg per m2. Use the West nomogram to estimate the child's BSA and determine the safe dosage for a child is 2-4 mg per m2. Use the West nomogram to estimate the child's BSA and determine the safe dosage for a child is 2-4 mg per m2. Use the West nonogram to estimate the child's BSA and determine the safe dosage for a child is 2-4 mg per m2. Use the West nonogram to estimate the child's BSA and determine the safe dosage for a child is 2-4 mg per m2. Use the West nonogram to estimate the child's BSA and determine the child's BSA and d markah] [40 marks] Jawab semua soalan dalam bahagian ini. Answer all questions in this section. Nyatakan tiga ketaksamaan yung mentukrifkan rantau berlore... Global Waste Management Solutions Ltd. borrowed \$25,000 at 7.2% compounded semiannually. They made payments of \$1,200 (except for a smaller final payment) at the end of every month. 1. How many paymen... Solve the following problem.. For each o with o > 0 and d E Q let Ss = {x E Q: x > 2 -6}. Find So and 630 prove your answer. Management Science - Maximum profit and graph: P = -0.2x 2 + 8x -76 P = -0.1x 2 + 4x - 10 II. Find The Minimum Cost and graph... (10 points) A random variable X has the following cumulative distribution function x 2 F (x) = 1 - 9%?). Find the probability density filnction and the expected value of X. Example problem this guestion is based off of is posted below for reference. Thank you. 2. Let the costs, Supplies, and demands be 9 1 7 S,- = 2,10 (Cu) "--- s . 5 4 0 J} = 4,3,5 Find optimal u, ... Quadratics 4- 2 12. X -2 1. What are the zeroes? 2. What's the equation in standard form? 5. What's the equation in standard form? 4. What's the equation in standard form? 5. What's the equation in standard form? TOP DreaNost, me poremm TONey the patient drinks 180 ml of milk and 450 m of water. What is the patient's total intake? 4. The patient has formula feedings through a feeding tube. She is given 300 ... The answer and explain. [2 marks] mestion d a) An arithmetic progression has first term log, (27x ") [... Next question Determine the shaded area 10 yd 6 yd 8 yd 12 yd The shaded area is (Type an integer or a decimal.) Hello I need some help with this problem. It's the question 11. I've tried to look at the mark scheme but I couldn't understand. Thanks, 10 Simplify 8a2 X 16a3 11 The triangle below is made up of two ... pls solve this as soon as possible. O7) The Home Doctor received a shipment of hand tools with an invoice total of \$800 (including shipping) and sales terms of 3/10 n/30. The invoice is dated June and... En qué porcentaje aumentael usar un espesor de cordón de soldadura de 3mm a uno de 4mm? The Rockville Employment Agency just placed Howard Jacobson in a job as a junior pharmacist. The job pays \$51.2K. The agency fee is equal to 40% of the first three weeks' pay. What is Howard's weekly ... Let H be (¬P → QAR) → PVR. Provide a proof of H using the 2nd classical version of the Sequents inst... Suppose you are managing your company's network security. For each suspicious user activity, you need to decide whether or not to assign a human expert to check if it is malicious. Suppose that a huma... eve and Claire are married, and both lived and worked in North Carolina for the standard deduction of \$600... please answer the following question below. Find the value of a 126 Find the value of b. 54 Find the value of c. 126 Find the value of c. 126 Find the value of f. 54 Find the val sure to include full pr... Sam Long anticipates he will need approximately \$226,300 in 10 years to cover his 3-year-old daughter's college bills for a 4-year degree. How much would he have to invest today at an interest rate of... Linear and affine models in discrete time In class, we introduced continuous-time linear models x = Mx and continuous-time linear and affine models in discrete time. time affine models x = Mx + c; where x and c are
vectors and Mis a squa... Q1. State the property of an estimator that converges to the population parameter of integer, $B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is an even integer}, B = \{x | x \text{ is a$ B) {o} C) { \emptyset } D) { $x x \in Z$ } If A = {1,3,4,8} and B = {3,5,7}, find A U B A) {1,3,3,4,5,7,8} B... urgent please help. (((5.83 x 10 2)) x 1.8) + ((6.53 x 102)) (9.381 x 106)) the answer to the following math question? Show all you... Can you please help me with this. Previous Page Next Page Page 15 of 17 Question 15 (4 points) Word Problem Question 3: (You have to submit an image of your FULL solution to the question in eConestoga... Mario desea ir a la anticuchería "Doña Rita" desde su casa, por lo cual se desplaza desde el punto C (-6;-2) hasta R (4; 5) en línea recta. A partir de la información dada: Indique la ubicaci?... Argue that the (3) is well-posed and discuss conditions that stochastic approximation algorithms converge to the true solution. 2. Argue that the cost random variables C(X_k(theta)) in (1) ... Jim Ryan, an owner of a Burger King restaurant, assumes that his restaurant will need a new roof in 7 years. He estimates the roof will cost him \$10,500 at that time. What amount should Jim invest tod... 4: Using appropriate Fourier series, Show that 4 COS X =- sin 4x + sin 6x + 4 15 35 5: Find the frequency spectrum of the functions, use a graphing paper. One graphing paper for every graph of a rational function. Label the intercepts, asymptotes, domain and range.... Consider an M/M/1 queue where after the completion of service a customer leaves with probability 1 -q. What is the stationary distribution for this system... 9) A 75 kg bungee jumper is 1.8m tall. They drop from a bridge C which is 50 m above the water below. The cord on the bungee rope is at its original length when the jumper is at the edge of the bridge... Convert each of the following binary notations to its equivalent base ten form. (5 points each) a. 1110110 b. .0111 c. 10000000 d. 10.001 e. 1.0011 notes for Math. attached are 2 pages.. What Happened When a Boatload of Lambs Crashed Into a Boatload of Rams? Write the letter of each exercise in the box containing its answer. cream sugar French Sp... vica. Shirts 12/ 8/0 021 U To sson 4 Practice Problems A shopper buys cat food in bags of 3 lbs. Her cat eats # lbleach week. How many weeks does one bag last? Draw a diagram to represent the situatio... Not sure how do go around this, any help will be appreciated. Jamal has some counters in a bag. 36% of the counters are red the rest of the counters are red the rest of the counters into the bag... 1 how many hrs can you legally park if you arrive at 4 pm? 2 according to the top & middle sign, how many hrs can you park if you arrive at 4 pm? 2 according to the top & middle sign, how many hrs can you park if you arrive at 4 pm? 3 according to the lower sign, how many minutes can yo... full answer. Quality Juicy Lid, a non-liquor wholesaler incorporated in Washington, is interested in assessing the effect of the price of a premium juice on the quantity sold. The results in the table... Find the value of n. 36,000 = 150 0 / 1 - 1 n (1+0.5426 %). 0.5426 %. math 101 write up problem. The problem you must solve for Module 3 is: 1. Consider the retirement plan you developed for yourself in the discussion board. Copy the numbers you used there here: [You do... MC 9. 9. What is the maximum number of turning points for f(x) = 10x + 5x - 3x? a) 1 b) 3 C) 4 d) 9 Seorang psikolog mengklaim bahwa simpangan baku dari laki-laki dan perempuan memiliki bias 10% dan 15%. Andaikan dipilih secara random 7 perempuan dan 12 laki-laki dari populasi. Standar deviasi ... Answer E & F. (60 TOIN To). Table Country Equity and bond Funds Year Equity Fund (%) 2012 -7.1 0.9 2013 -13.5 1.3 2014 5.5 2.4 2015 6.5 2.7 2016 7.4 3.1 E. Compute Sample coefficient... calculus 1. By using the given substitutions, show that i. fx(x - 3)5dx = =(x - 3)'(2x + 1) + C, (2x+1)3 dx = -z = 2x + 1 show your steps to get the answer of 24cm for |CD| in cm?. 1 - A B C D AB 5 In the figure ... (8 points) Let B be the set of all real numbers in [0, 1] whose decimal expansion does not contain a 3 or a 8. For example, 1/2 - 0.500... E B and 7/4 - 0.785398... # B. Show that B is a Borel set ... Question Determine the area under the standard normal curve that lies to the left of the z-score of - 1.13. Z 0.00 0.01 0.02 0.03 0.04 0.05 0.06 0.07 $0.08\ 0.09\ -1.3\ 0.0968\ 0.0951\ 0.0934\ 0.0918\ 0.0901\ ...$ Please solve the following complex analysis question. Can you explain with steps thanks. Solve the limit theorems to find the following limits. In addition, graph the function. Show all the work to receive of the following are order relations? (a) - on the collection of subsets of $\{1, 2, 3, 4\}$. (b) (X, P), where X = Re x Re and (a, b) P(s, t) iff (a > s and b > t) (c)... Let n > 1 be an integer and A = $\{1, \ldots, n\}$ and consider the graph with vertices in G? (b... How

can we simply solve this question. A prime number is a natural number greater than 1 which is not a product of two smaller natural numbers. Prove or disprove: For every integer q, if q > 7, the... In theory the correlations should be -Select-equal to 0 equal to 1 equal to 1 equal to -1 indefiniteItem 27 because we want the factors to be -Select-independent of each otherhighly correlatedItem 28. La Familia Risi Queirolo posee un negocio de elaboración y venta de café en granos para una prestigiosa y reconocida cafetería. Pensando en la elaboración de un nuevo producto, observa que sus cos... Correction de l'exercice 14 du chap3 d'optimisation 1 Identify the feasible region of the following set of constraints. Please include the solution and the graph $1.x + 5y \ge 250\ 0.50x + 0.25y \ge 30\ 0.25x + 0.50y \le 50\ x, y \ge 0$ 2. $2x - y \ge ...$ David's new salary? what is (d) A shop buys lawn mowers for E60 and sells them for 678. What percent profit is this? 5.2 Determine the maximum expected payoff given a payoff table. I have to make ppt. Kindly explain it in detail. Hello i really need help on these sums. Q2. (1) Find (7x - 10) dr. [2] (i1) Given that (7x - 10) # dr = 25 = 14, find the exact value of a. [3]. figures, or 1 decimal place in the case of angles in deg... I need to create a chart or a bar chart that represent 3 factors: 1. budget, 2. actual expense, 3. difference between the two. It should be super easy but I don't know how to use excel. I need to crea... Application: Newton's Law of Cooling states that when the temperature difference between a body and its environment is not too great, the heat transferred per unit of time to Fill in the missing values to make the equations true. (a) log, 3 - log: 8 = logs (b) log, 7 + log, = logo 21 (c) 3 log6 2 = log6 All parts please! Thank you! :). VALENCIACOLLEGE 8. H(x) is the function defined by the following table of values: X -30 -25 20 15 -10 -5 O 5 10 H(x) 3 6 12 24 48 96 192 384 768 Part 1.: Evaluate H(-5... Exercises (without a calculator) Convert between binary, decimal and hexadecimal: Binary Decimal Hexadecimal 1102 11102 11 00112 1110 11102 3 7 15 18 21 A D 10 15 1C BE Your student ID describe and illustrate the absolute value of a number on the number in as the distance of a number on the number in the following, briefly justifying your answers. L 650 vertically op X X Is ... Continuous Time Markov Chain.. UMD airline has three special customer service representatives. Each representatives. Each representative helps customers on the phone to reschedule or cancel their flight ticket due to COVID... CloudTrust Limited has a monthly payroll of \$6 million. They choose to make a short-term investmen in an account with a simple interest 0.9% rate. At the end of the month, what is the maturity value ... Here is the data: pdh10/FCBS/Exercises/glucose.dat ... A 0.8 m diameter sphere contains helium at 20 bar and 28 deg C. How many cylindrical drums, 15 cm in diameter and 100 cm long, which are initially devoid of any gas, can be filled to a pressure of 3 b... I need help showing the work and answering these questions. 29. A department store offered a 6 % discount on all small appliances. They also stated that the first 50 customers would receive an additio... . \ Miami's Adult Co My Inbox (17.671) - cindy X Two Important information Sign in to your account x Academics | myLU X Ly Dashboard X _ Modu webassign.net web Student Assignment-Resco onees last7oe... Don't understand problem. Identify the histogram for the frequency (1, 7) [2, 7] [1, 12] 3 [12, 17] 3 [12, 17] 3 [12, 17] 3 [12, 22] 5 [22, 27] 1 douanbald Frequency 7 12 17 22 7 12 17 22 7 12 17 22 7 data... aplikasi fungsi kuadrat dalam ekonomi. Jika fungsi permintaan dan penawaran suatu barang masing-masing sebagai berikut, g=-2p +9 dan g=p +5p+1 maka : a) Buatlah grafik fungsi permintaan nya (10%) b) Bu... Calculating Water Bills worksheet www.liveworksheets.com How many 5 digit numbers can be made using the digits 0-9, with no repetitions if the number must be larger than 30000 and has a 3 and a 4 side by side. T. 1.4. Modeling Change 25 equation, we need a mathematical expression for how the flow. Let's ... HELP ME PLEASE TO ANSWER THEM ALL CORRECTLY FOR AN UPVOTE AND POSITIVE RATINGS. B. Among the topics listed below, choose one and write a discussion about it. Use propositions with logical operators t... Please provide Handwritten answer. 40 -10 -26 -16 31 -9 -20 -12 3 X + 38 -10 -25 -14 -2 25 -5 -16 -12 y=[3 -1 -3 -1]x Does an input (.) exist that can drive the state from $x(0) = [0 \ 0 \ 0 \ 0]$ to x(1) = [0... Problem 8: (5 points) Cauchy-Riemann conditions Expressing complex numbers in their polar form, complex functions can be expressed in the form free) = R(r, 0) and D(r, 0) ... statistics. Suppose that the heights of adult men in the United States are normally distributed with a mean of 70 inches and a standard deviation of 2.5 inches. Wha proportion of the adult men in the ... For my combinatorics class, any help is appreciated! P6. This elementary problem begins to explore propagation delay and transmis- sion delay, two central concepts in data networking. Consider two hosts, A and B, connected by a single link of rate R bps.... Two dice are rolled. What is the probability P(sum is 12)? O O 1 O 36 Estimate the slope of the tangent line to the graph of f(x)=4x/x-1 at the point where x=0 and find the average rate of change for the function over the interval [3,4] Lin is shopping for a couch with her dad and hears him ask the salesperson, "How much is your commission?" The salesperson says that her commission is 5-% of the selling price. a. How muc... You choose to invest your \$3,160 income tax refund check (rather than spend it!) in an account earning 4% compounded annually. How much will the account be worth in 30 years? (Use the Table provided.)... You are the manager of World Wide Athlete, a chain of six sporting goods shops in your area. The shops sell 10 racing bikes per week at a retail price of \$669.99. Recently, you put the bikes on sale a... Can you help me this question f(x) = x - 1|x. (a) Write f(x) as a piecewise defined function. (b) Draw the graph of f. (c) D... Please provide Handwritten answer... Question 23 J Please state one possible violation of standard model assumptions for each plot): 3 a 3 3 c: 3 o :... Russell Container Corporation has outstanding bonds with a par value of \$ 1,000. res and 20 years to maturity. The bonds offer an annual payment of \$ 95 in interest and are currently sold at a unit pr... 3 of 20 Step 1 of 2 e following product. (45.4) (0.11) Estimate the product using rounded numbers. Points college mathematics. Order these numbers from least to greatest. 157 LD 20 7.40, 7 11 7.408 157 9 7.40 7 - 7.408 20 11 nora has 30 more stickers than zaini how many stickers does zaini have? Please provide Handwritten answer. 6. Suppose we have a square domain, bounded by the lines x = 0, x = 2, y = 0, and y = 1. Suppose a thin rubber membrane is stretched across the domain. (a) Find a so... Irene's Boozery is a popular bar downtown. Irene has just purchased a large keg of beer containing 100 gallon, and it cost her \$560.00. How much will 80 gallon cost Irene's Boozery? ?... (ii) Find the coordinates of tic 10 A pond is modelled as a cone with its radius and height in the rate of 7.5 cm per second. (i) Determine the rate at wh... biomathematic. Question 1 1. A park is currently home to a population of 200 rabbits. The park is estimated to be able to sustain a population of 2000 rabbits. Absent any restrictions, the rabbits wou... Cost of food sold for this restaurant? And what is the true cost of food sold? 1. Preliminary cost of food sold \$ 9... business mathematics. Question 11 (1) point) Tamara earned \$74,000 in 2016. If the Consumer Price Index in 2016 was 128.4 and in 2017 was 130.4, what did Tamara have to earn (dollar amount) in 2017 jus... In order to graph your solution solve for tje variable. Show work How to solve problem solving quicker for general math in senior high grade 11. Currently preparing for exams Node 1 Node 2 Node 3 Node 4 Node 5 Node 6 Node 3 UNOHAN Node 4 Node 5 Node 6 Using the distance matrix shown in the figure, draw the corresponding weighted complete graph, and execut... for question 6 I need a full explanation also don't use calculus or college mathematics use Grade 12 academic and explain it very well, for question one use grade 12 advanced function information a... Question 4 10 pts A pipe that is 0.65 m long and open at both ends vibrates in the second overtone with a frequency of 876. In this situation, the distance, in cm, from the center of the pipe to the n... I don't want to learn how to do it. How would you approach a problem like this, I would appreciate multiple ways especially for a beginner in discrete m... Please answer all parts to the following question! I will upvote!. 1. Recall Euler's formula e"i = cos 0 + isin 0 and the multiplication formula 2. (N-1) phil's = e(04)i. Consider the set A = {1,... Harga komoditi A dan komoditi B mempunyai hubungan dalam bentuk A=7/3(B-49). Pada saat harga komoditi A bergerak pada selang 21<A<35. Bagaimanakah harga komoditi B H G What is the chromatic number of this graph?a 2 b 3 c 4 A D A contractor needs to decide on the size of his work force over the next 5 weeks. He estimates the minimum force size bi for the 5,7,8,4 and 6 workers for i =1,2,3,4 and 5 respectivel... Tutorial Exercise Find the weighted average of a data set where 70 has a weight of 2, 80 has a weight of 3, and 90 has a weight of 3, and 90 has a weight of 5. Step 1 xw The weighted average can be calculated using where x is ... E Homework: 2-Ba... < Question 8, *3.2.B.6 HW Score: 32.5%, 6.5 of 20 points Part 1 of 2 O Points: 0 of 1 Save Eight-elevenths of Jesse Black's inventory was destroyed by fire. He sold the remainin... please do this for me and tell me what you did and please
please do it right tanks.. 4. (2 marks] True or false? Circle your choice, no need to show anyr work. a. Determinant is only defined for squar... mathematics polynomials. 1 Express the following in partial fractions: 2 (a) x3 -8 Differential equations using the general formula 2 = 4xy + 4x ii) y' - 4ty - tet 2. Exact differential equations using facto... I don't think this has been allocated?. Consider the function fix) = 4x''. a 5: Complete this table of values [rounding to de if needed]. then sketch the function. 1;]: Compute the logarithm [base... We have to figure out which floor the mid term on by using k= 13, m = 77 Encrypted message = 62. Number Theory, Chapter 18-Powers, Ports and codes. Q. Your Midterm is on NAC Floor. To figure It out t... Compute the line integral of f(x, y, z) = zy along the line segment L starting from A = (0, 0,0) and ending at B = (1, 1, 1). What happens to the line integral if we flip the orientation of L, tha... A = P(1+i)" I = A-P 4) a) Determine the amount(A) of \$875 invested at 8.5% compounded quarterly for 5 years b) Determine the amount(A) of \$875 invested at 8.5% compounded quarterly for 5 years b) and ending at B = (1, 1, 1). What happens to the line integral if we flip the orientation of L, tha... A = P(1+i)" I = A-P 4) a) Determine the amount(A) of \$875 invested at 8.5% compounded quarterly for 5 years b) and ending at B = (1, 1, 1). What happens to the line integral if we flip the orientation of L, tha... A = P(1+i)" I = A-P 4) a) Determine the amount(A) of \$875 invested at 8.5% compounded quarterly for 5 years b) and ending at B = (1, 1, 1). What happens to the line integral if we flip the orientation of L, tha... A = P(1+i)" I = A-P 4) a) Determine the amount(A) of \$875 invested at 8.5% compounded quarterly for 5 years b) and ending at B = (1, 1, 1). What happens to the line integral if we flip the orientation of L, tha... A = P(1+i)" I = A-P 4) a) Determine the amount(A) of \$875 invested at 8.5% compounded quarterly for 5 years b) and ending at B = (1, 1, 1) and (1, 1) and sales taxes (GST and PST or HST). What is the final cost difference between consumers in Ontario an... NOTE: Bonus questions. . PLEASE HELP TO ANSWER THIS CORRECLTY. FOR AN UPVOTE AND POSITIVE RATINGS. . B. Among the topics listed below, choose one and write a discussion about it. Use propositions with logical operators to su... (20 points) Let Xi, i = 1, 2 be independent random variables that have the following distri- butions: X; =1 with probability 1 - p: Xi 1 - p Define B1 = X1 By = Xi + X... please help me in solving this business Mathematics question I can't get it right. A financial obligation was to be settled in two payments. The first payment of \$2,000 was due 1.5 years ago. The seco... Question 4: Consider the problem n min E(x;)2 j=1 n s.t. Co; = 1, j=1 0 < x; < uj, j = 1, ...,n. Q1.a Formulate the dual problem. What is the optimal value? Does the duality relation hold? Q1.b S... 3) (6 points) Plot 5.4545 on the number lines below. All number lines should reflect the base-ten structure. Label all long tick marks the middle short tick marks the middle short tick mark. Here are the three scales for the num... Please help to solve the problem 1. AMS 518 HW3 September 2020 Loss is defined as a function /(x, y) of a decision vector & E X C R" and a random vector y (Y CR". Definition 1 (CDF) ... Create scatterplots using the data in the spreadsheet linked above, adjust the range of values in the horizontal and vertical axes, and create a trend line. Which variables are used in the scatterplot... please help answer these 2 questions.. apter 3 Assignment Unit B: Interest 19. Using the Rule of 72, calculate the doubling time of an investment of \$40 000.00 if the interest rate were 5.8%/a, compou... Please show all work!. Find the General Solution of the differential equation: 1 2xy+x4y'(x) = -x2+y3 Un equipo de básquetbol se compone de 11 elementos; calcular cuántos partidos pueden celebrar sin repetir la misma quinteta. ¿Cuántas son las maneras si hay 2 elementos que en caso de jugar necesa... I need explanation with these. Thank you!. Complete the steps of a one-mean hypothesis test with Population SD known - P-Value approach 1. A doctor is interested in testing the claim that a new medici... Search the database (the whole spreadsheet) to find Italy and also the corresponding medals total refer to image for question. 8. [-/2 Points] DETAILS HARMATHAP12 5.3.040. MY NOTES PRACTICE ANOTHER The total cost function for a product is $C(x) = 750 \ln(x + 10) + 1900$ where x is the number of units... Evalute the following integral... Evalute The Following integral !. 3- x 1 - x + 6 212 The following information on age and number of hours exercised was gathered about 13 members at a small gym. A99 25 36 44 22 5? 25 43 19 33 4D 44 28 25 We 5 4 5.5 2 5 4 7 4.5 3 2.5 6.5 5.5 a) Crea... Please provide Handwritten answer with explanation. Which of the following statements about the heat conduction problem in a 1 point rod below is TRUE? (Use logic, no need to solve.) You must tick AL... MATHEMATICS: OPERATIONS ON PROPOSITIONS . Direction: Determine the reactions at each support. Question 1: Determine the reactions at each support. Question 2: Determine the reactions at each support. support. Question 3: Determine the reactions at the supports A and C of the is a roller, B... [0/3.33 Points] DETAILS PREVIOUS ANSWERS BRECMBC9 8.111.019.MI. MY NOTES ASK YOUR TEACHER PRACTICE ANOTHER The wholesale cost of a birdcage is \$55. The original markup was 46% based on selling price. ... business mathematics. If the salaries are paid on weekly or Bi-weekly basis, then the number of weeks assumed in a year are: @ Quizzes - 2 X Launch Me X Untitled * w Final Revie * * Course He X > cou binary (n - 1, M', d)-code with M' > M/2. Deduce that A2(n, d) 2A2(n - 1, d). The table below represents the closing prices of stock ABC for the last five days. Using your calculator, what is the equation of linear regression that fits these data? Day 1 Value 472.08 Day 2 Value... How many seven digit phone numbers are there subject to the constraints that the number cannot start with zero and no number appears more than once in the phone number? Question 4 1 pt Suppose that every 4 months, you make a \$658 payment toward a 11- year loan whose annual rate is 7.1%. How much was the loan for? Round your answer to the nearest dollar. Consider a zero sum game given by the following matrix for Player 1: Find a Nash equilibrium without using a linear optimization solver. (You may use a cal- culator or computer for linear equations) S... Please provide Handwritten answer. 3. (Prelim problem.) Suppose f, g 2 0 are measurable functions on ([0, 1], m) such that: 1 0 1 1 - = 2 /o f(:c)d3: - 2,] g(3:)dsc 1, and /o f (93)d:c g 7 Let E = ... Sir, I am stuck on this question Sir, it's a humble request please step by step and double-check if I put even a single point wrong they consider wrong. (2 points) A company manufactures x units of ... thx for the help. them pay? 930 m 15. Boat A and boat B are 930 m apart. They start travelling towards each other at the same time. If the speeds of boat A and boat B are 15 m/s and 16 m/s respectivel... please help. The table shows the elevations? Point El... Remaining Time: 1 hour, 59 minutes, 27 seconds 1 2 3 4 5 6 7 8 9 70 11 12 13 14 15 16 17 18 a Question Completion Status QUESTION 8 The following is a L.P.P: Max 10.5X1 3X2 . 12X3 (Hundreds of dollars... Please provide Handwritten answer. For each of the below, demonstrate by providing a semantic validity proof points each) 4. F55 OP - DOP 5. FK (OL AO~L) - OM 6. FB O(A VOB) - (OAVB) 8) (6 points) Show with an area model how to find the answer to = + UIN = ? 4 Explain how to use the area model to explain why the standard algorithm for adding fractions works. Question 2 10 pts The sound level at 1.0 m from you and all talking equally loud at the same time. The... hey I need help solving this one problem. Which number can be placed in the blank to make the number sentence true? 5+3+7 = 5+ If an RNA chain of length 4 is chosen at random , what is the probability that it has : At least two consecutive C's ? I know that sample size is 4^4, and I know that the answer is 41/256. Usi... 4 - 1 Name Course/ Major/ Yr 1. A final teat in Science was administered to a Grade VI class of 50. The teacher wants to improve further the intens for next year's nce. Calculate a quality index that ... pls help me for a and b thx. 51. The figure shows a water tank in the shape of a triangular prism. When 15 cm 3 cubes with side length 5 cm are totally immersed in the water, no water overflows. (a) F... It is known that 1% of children born will have jaundice. If 5 infants are born in the Peterborough Regional Hospital on a given day, what is the probability that (a) two infants will have jaundice?... WORD PROBLEMS: 1. (5pts) The lengths of a particular species of worm are normally distributed with a mean of 21 cm and standard deviation of 1.5 cm. Find the probability that a worm selected at random... please give me the right answrer. Convert the decimal number (0.5625),, to the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point
format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format is possible that the mini-IEEE floating point f 321" (4)+2"Iogn Give an expression for the runtime TYLif the recurrence can be solved with the Master Theorem. In the diagram, O is the centre of the circle. AB is tangent to the circle at A and ABD = 63" D B Calculate the value of ()ZCAD (1) ZCAB (515) CBA What amount increased by 140% is \$85.23? \$60.88 \$35.51 \$204.55 \$36.53 \$119.32 Assignment 4.3 Linear Regression Now let us use both the predictors from modell and model2 to predict pri Use saft_living and waterfront to predict price. Do not model their interact Call this model3.... Please answer this with solutions - An artisan bread maker uses 2,000 grams of flour is needed to make 2 loaves of bread? Thank you!. 22:35 7 LTE . webassign.net 12. [-/3 Points] DETAILS HARMATHAP12 3.3.055. MY NOTES ASK YOUR TEACHER PRACTICE ANOTHER A glass of skim milk supplies 0.1 mg of iron, 8.5 g of protein, and 1 g... coordenadas indica las question.. (25 pts) Define f: [0, 1] -> R as follows: 12-i, te (0, 1] f(x) = 0, t = 0 Is f continuous at 0? Justify your answer. grafik balance. X If the demand function b) Graph the supply function c) Determine the market equilibr... PLEASE ANSWER IN EXCEL DATA TABLING FORM. SEND EXCEL FILE THROUGH GOOGLE DRIVE PLEASE.. Use the Gauss-Jordan technique to solve $3 \times 1 - 0.1 \times 2 - 0.3x$; = 7.85 0.1x, + 7×2 - 0.3x; = 7.85 0.1x, + 7×2 - 0.2x; = 7.85 0.1x, + 7×2 - 0.3x; = 7.85 0.1x, + 7×2 group of 12 people, you randomly select 5 of them. What is the probability that they are the 5 oldest people in the group? Give your answer as a fraction 2. You pick 7 digits (0-9) at ran... N History Bookmarks Window Help mathxl. Fall 2021 Math 1010 K20 Quiz: Q10.3 A Question 1 How many ways can a teacher give four different prizes to four of minimum wages ... Two bags, A and B, each contain balls which are either red or yellow or green. Bag A contains 4 red, 3 yellow and n green balls. Bag B contains 5 red, 3 yellow her 24 students? The minimum wages and the rigidity of employment index for sampled countries are given in the table below sample countries and 1 green ball. A ball is selected a) Use the Gibbs-Duhem equation and the chemical potential for an ideal gas to derive the following equation for a binary system: 8 In p2 c101 p1 (5) T2 b) The vapour curves for the components of a... Recommendations Skill plans Math LE Language arts Science Social studies Sixth grade > H.10 Multiply and divide decimals: word problems GZN You have pri Grace is having a slumber party and wants to... The following method for multiplying 21 X 23 relies on repeatedly doubling numbers (by add- ing them to themselves): 23 + 23 46 2 + 46 21 = 16 + 4 + 192 4 + 92 368 16 483 Th... Question 2. (4 marks) Solve the problem of time-optimal control to the origin for the system 3'31 2 2:192, 5132 = -2a:1 + 471,, where |u| S 1. tri + T 2) The arts communities in 230 cities across the country were rated according to whether or not they have an art museum, a symphony orchestra, and a ballet company. There are 119 cities with an... Discuss with mathematical proof whether the ordinary least-squares estimator(s) for the remaining regressor(s) in the final model which may be a subset of model M1 (below) is biased. After trying m... Solve x + 13x = -42 C = (Separate answers by a comma. Write answers by a comma. Write answers by a comma. Write answers as integers or reduced fractions.) 3 m/s 2 until it reaches a velocity of 15 m/s. It maintains its speed for 10 s and then decelerates to a stop at 1.5 m/s 2. How long does the above... b Hence solve the equation 2x + 3y = 6 a Sketch /1 and /2 on the same axes. Show clearly the ... BAR UNDER ADIABATIC CONDITIONS "Adiabatic" means no heat exchange with the neigh— borhood, because the bar is completely insulated, also at the ... Specification Parameters Group Red Blue Green Purple Yellow Orange Unladen mass 10kg 10kg 10kg 10kg 10kg 0 crate Maximum load 900kg 1 = (V, E 1) and G 2 = (V, E 1) and G back to 3/5 of its height. What will be the height achieved after the third bounce? (30 points in total): (a) (10 points) Suppose that the process Xt = e-ttaBt is a martingale where a is some number and Be is a standard Brownian motion. Find a. (c) (10 points) Apply Ito's lemma to... Detailed explanation please, thank you.. Use Gershgorin's theorem to prove that a diagonally dominant matrix does not have a zero eigenvalue and therefore nonsingular. Please help.. 27. Which of the following is a graph of the function: y = log 10 (x) b. (1,-1> Express 27 = 3 in logarithmic form. A. log, 3=27 3 B. log, 27 = 3 C. log, 3=27 3 B. log, 27 = 3 C. log, 3=27 D. log, 3 Let A = { 1, 2, 3 } . List all one-to-one functions from A onto A [3 marks) Suppose Jacobi method is used to solve the system I+fi=3 \$4+2y=9 starting with (In, ya] = ((1.51 3). Do you expect iterations to converge to the solution (3:, y) = [1,4]? Justify, r your ans... Please provide Handwritten answer. Problem 1 (6 points) We are given a set of n nodes that can potentially all connect to each other over wireless. In particular, we assume that time is divided into t... it's on picture. Question: Question: Question: Question: Research of 6 DATE: FIRST NAME: LAST NAME: LAST NAME: S#: e = f = g = h iv) s(x) = ap(k(x ... It say a shopper buys cat food in bags of 3lbs her cat eats 3/4 lb each week how many week does one bag last draw a tap diagram. CRavia. Smith 17/ stall esson 4 Practice Problema A shopper buys cat fo... Karen has a set of numbers that she is working with. {6, 14, 28, 44, 2, -6} What will happen to the mean if she adds the number -8 to the set? Determine the value of k so that the square form $3 \times 2 + x^2 + 2 \times 3 - 2x1X3 + 2kx2x3$ definite positive. 2. Determine the maximum and minimum values of $2 \times 2 + y + 2 + 2xy + 2xz$ with constraints x + y' + ... please help with question 1. 1. A set S of vertices is an independent set if there are no edges between any two vertices in S (vertices of a common color form an independent set). An edge cover is a se... 31. An economy is based on three sectors, agriculture, \$0.30 from ma... need your help. m H 0 -1 N on Compute the rank of the matrix A = -1 1 Please answer all parts to the question below. I will upvote! . 4. Explain why the inequality ela f(x) dx 0 holds true for all continuous functions f: [0, 1] -R. Draw an array to show you can use a2s fact abd 1 s fact to solve the problem Show that the norm functional on any normed linear space is continuous. Prove that Frank's t-norm and t-conorm (sz - 1)(sy - 1) rTpy = logs 1 + s - 1 xSpy = 1 - (1-x)T;(1 - y), where s E (0, co) \ {1} verify the relation xTpy + xSpy = Ity. A coin is dropped from a hot-air balloon that is 300 m above the ground and rising at 10.0 m/s upward. For the coin, find (a) the maximum height reached, (b) its position and value 0.612, 0.67, 0.6, or 0.069? * 1 point 0.6 0.67 0.612 0.069 Harry purchased a bag for Php 134.60, a book for Php 328.23 and a tie for Php 80.55. How much is left wi... Hi I need help with these matrix and determinant multiple choice = d e and B = 3a 3b 3c . Which one of the following statements mu... only final answer. QUESTION 8 Given the shaded Venn diagram below, select the simplified expression it models: O . (BF UC)nA O b. (En C) . JA Oden (CUA) QUESTION 9. . unknown O d. 300 At QUESTION 11 -... step by step. Directions - Identify the key components, create a compound interest equation, and answer the questions. You invest \$2500 into an account that compounds continuously at 15%. How much mon... I'm stuck on this problem, and I'm hoping some steps will help me out!. The following table gives the percent of the US population living in urban areas as a function of year." Year 1800 1830 186... For a and b draw a minimal system of branch cuts is the domain for a branch of g. If it is possible, it should be a system of branch cuts that do not go off t... Place Value Objectives: Give the place value/value of each digit in the number 27 436 198 1) 2 5) 6 2) 7 6) 1 3) 4 7) 9 41 3 8) ... Consider a classification tree - could it ever be advantageous to make a split where both of the resulting nodes are dominated by the same class? That is, would it be possible that we could split a "b... Use a truth table to determine whether the statement is a tautology, self-contradiction, or neither [d+ $(d \sim vb \sim)]$ Is the statement $\sim [(\sim qA \sim p) < >p]$ a tautology, self-contradiction, or neither? O Tau... MY Denise says that 3 - 2 = 3 and gives the rea- soning indicated in Figure 3.31 to support her answer. Is Denise right? If not, what is wrong with her reasoning and how could you help her underst... 1 2x+50 Show that the equation is equivalent to x2 60 x(x+50) 70x - 3, 000 = 0 for all values of x not equal to 0 or -50. Explain each step as you rewrite the original equation. I am going to make pancakes for a big brunch. The eggs I have in hand weight 750 grams. How much flour milk(liquid) and butter(fat) should I use for my batter with 4 parts e... The following problem referses for a big brunch. to a
closed Leontief model. Suppose the technology matrix for a closed model of a simple economy is given by the following. P M H 0.5 0.1 0.6 Products A: 0.1 0.3 0 Machine... Please provide Handwritten answer. Consider missing reference from your side. By multiplying the following scheme, on+1 m - un m a in+1 m+1 - + 'm m + - Um-1) = 0, k h h (1) by un+ + un and summing ove... Given the following graph a. Evaluate f(3) b. Solve for f(x)=3 Problem 4: The following subproblems are independent from one another. Recall that, given c E R" A E Rmxn and b E Rm, one may define the primal and dual linear programs (P) : maxtern cox s.t. Ax ... The above picture is an example of a Math test with Accommodations. And below are the list of accommodations given. Allow use of a calculator to check the answer. Provide examples of how to solve the ... Problem 1 (20 points) Consider the problem using the steepest descent method (with exac... Question 8 of 10 Your RRSP savings of \$47,500 are converted to a RRIF at 4.19% compounded monthly that pays \$5,212 at the beginning of every month. After how many payments will the function of risk of one of the financial instrument which is in form of polynomial function where y = 2.5x 3, X is interest rate, currently (X 0 = 3) ... Question 20 (4 points) Word Problem Question 4: (You have to submit an image of your FULL solution to the question using kruskal theorem and proof by mathematical induction . 3. Prove that if G is a graph with spanning tree T and e is an edge of G that is not... Find the duration of a 5-year, 6% coupon rate on a par value of RM1,000, non-callable bond that is currently priced to yield 15%. choose the correct written expression for 34-(9÷ 3).. Math (Grade 5) (PartA) PVA (Buzz) (FA21) / Choose the correct written expression for 34 - (9:3). 9 minus 32 divided by 3. The quotient of 34 mi... What's the values of a, b, and c?. a. 24 (atbtc) = 1.8 b. 24 = 1.b C. 24 = 6.6 (atb*() How to simply this proposition using laws of logic? Discrete Math can someone walk me through the steps $p \leftrightarrow p \land q$ QUESTION 16 e table shows the top four leading causes of death for one country in a single recent year sume the total population is 79.5 million. Cause of Death Deaths Heart Disease 262,100 Cancer 158... Consider the Cauchy-Euler equation 4x2y" -9xy' + 3y =0, y(1) = 3. (a) Find the auxiliary equation and its roots. (b) Find a fundamental set of solutions and the general solution for the... Use a rectangular array model to solve the following multiplication problems. Be sure to show the partial products. (a) 68 x 45 = (b) 13.3 x 6.2 10 3 6 0 1 1.1 x 6.2 10 3 6 0 40 68 x 45 = (b) 13.3 x 6.2 10 40 68 x 45 = (b) 13.3 x 6.2 10 40 68 x 45 = (b) 13.3 x 6.2 10 40 68 x 45 = (b) 13.3 x 6.2 10 40 68 x 45 = (b) 13.3 x 6.2 10 40 68 x 45 = (b) 13.3 x 6.2 10 40 68 x 45 = (b) 13.3 x 6.2 10 40 68 x 45 = (b) 13.3 x 6.2 10 40 68 x 45 = (b) 13.3 Mathematics and Applied Calculus (7th Edition) . MAT217 Project 1 GREEN APPLE To: Business Analysis From: Tony the Wildebeest, CEO Wildebeest, complement of G also Eulerian? Solve using LINGO please. (20 marks) A furniture store at location 0 has deliveries to make to customers at location 0 has deliveries to customers at location 0 has delivering 0 has deliveries to customers at location 0 h the function, f (t) = et, over the domain 0 < t < 27. (IMPORTANT: choice of... Here is row 8 of Pascal's triangle: 1 8 28 56 70 56 28 8 1 According to a simplified model, a certain stock goes either up \$1 (U) or down \$1 (D) each day, and is equal... content attribution QUESTION 8.1 POINT Delta has decided to start a side business as a photographer. She purchases a camera for \$1600 but it loses value at 12.5% per year. How much will her camera b... Usted desea entrar a una negocio que le generará un flujo de caja (ingresos o rentas) de \$us10.000 anuales durante los próximos 15 años. Cuanto debería pagar por entrar a este negocio si desea obt... how to solve this question? EXERCISE 4.5 Please solve the following integrals using partial fractions. 2 1. d.x $x(x^2 + 1)$ 13 + 4x + 6 2. I' + 4×2 + 3 - d.x. 4. dx (x + 1)(x^2 + 1) 5. 23 - ... Plano nakaaapekto and naturang konsepto sa buhay ng tao at iba pang nabubuhay na organismo sa daigdig sa kasalukuyan for those two particle question could you help me to fix. (1) Let H C (Q, +) be a subgroup generated by finitely many elements. Prove that H is cyclic. (2) Does there exist an element o E Sis such that... The function g(x) was transformed from the original f(x) = IOQnsX. We know that there was no vertical shift involved. the graph of g(x) has an asymptote of x = 2, and goes through the origin as wel... business mathematics. Question 27 (1 point) Tina, an entrepreneurial business student, wants to set up a business completing tax forms for other students. Her price would be \$50 for each job. Fixed ex... Richard has just been given a 8-question multiple choice guiz in his history class. Each guestion has five answers, of which only one is correct. Since Richard has not attended class recently, he does... Objectives of this laboratory are: To determine the volume of a Government of Guyana \$5 coin by displacement and mathematical equation that you might be able to use an equation with a single unknown to help understand? What is an example of a situation ... Please provide Handwritten answer. Q-using a 3 point (second order) interpolating polynomial, the value at x=1.6 is (Use 4 digits) Xi F(x) 1 3.320 1.75 8.166 2.3 15.780 3.4 59.15 Kindly answer the following questions. Ultimately, using Luhn Algorithm, the sum of the new list of digits will give mod 10. * Your answer This is a required question. Suppose Peter wants to know the ... Answer is 75 (to 3 significant figures) not 74.6 which is not correct what am I doing wrong Giving a test to a group of students, the grades and gender are summarized below A B C Total From a group of 10 people, you randomly select 5 of them. Male 9 19 1D 38 Female I" 2 3 12 Total 16 21... Let (Be)to be a standard Brownian Bridge. (a) Compute the means E(Xt) and the cova... please solve. 1. [-/1.25 Points] DETAILS HARMATHAP12 13.2.009. Evaluate the definite integral. (9 - 2x) dx Need Help? Read It 2. [-/1.25 Points] DETAILS HARMATHAP12 13.2.025. Evaluate the definite int... Please provide Handwritten answer. solve the function.. PQ)= on (x) + by 4 (x) nao If you have a wooden board that is 0.7 metera wide, how long should you cut it such that the Age ra... The table below represents the probability 5 0.29 6 0.39 7 0.1 8 0.22 Question A). Suppose that two digit ra... Can you please help me with this I badly need help.. MARKET EQUILIBRIUM I DISEQUILIBRIUM show complete solution. 1. Refer from the given and complete the table below by computing 1 identifying the qua... Please answer all parts to the following question! I will upvote!. 4. Let Q)
denote the set of rational numbers. Show that card(Q) = xo. What is card(R\Q)? Sebuah mobil seharga Rp 250.000.000 dapat dibeli dengan cara mengangsur 12 kali angsuran bulanan sebesar Rp 24.000.000. Tentukan tingkat bunga yang dikenakan Illian Fok is president of Lakefront Manufacturing, a producer of bicycle tires. Fok makes 1.200 tires per day @ \$12 50 per hour Raw Material 21,00... Math 1320. [0/5 Points] DETAILS PREVIOUS ANSWERS M The values of two functions, f and careful g, are given in a table. One, both, or neither of them may be exponential. Give t enter DNE.) X -2 -1 0 1 2 f (x) ... Determine the A/G factor For 10 years if the interest rate is 2% per month compounded daily, Assume 30 days def month in decimal places) Question 2. Does this graph have an Euler circuit? if so find one. Start at vertex A. Explain your answer. Untuk himpunan-himpunan berikut, tentukan semua subset-subsetnya. (a) {2, 3, 4} (b) {Ø, {2, 3}} (c) {a, b, c, d} D Question 27 5 pts How many positive divisors does 4200 have? Question 27 5 pts How many positive divisors does 4200 have? (2) Extract parts of the lesson plan that exhibits the components of ADIDAS convex. Question 4: (Bonus question) Assume that C is a closed convex cone in R" and consider the problem: min subject to r + y = z I (C. For mulate the dual problem and show that y is the proje... Solve the differential equation t dt + 4v = e. Suppose that you attempt to construct a box with a square base having edges of length 39 cm and a height of 88 cm. However, you aren't very good at measuring accurately and estimate the erro.... Prove the following statement? Our of the following statement? Two cases: x 2 6 and x < 6 O Two case... How do i balance this equation?. 1. Write both mass and energy balance equations for both turbines; there is an ant travelling on edges of a box, going from one vertex to another. The ant never stops, it takes him 1 min to go along one edge. At every vertex, the ant randomly picks one of the 3 avail. Reformulate this problem as an SDP. (Hint: it may be useful for you to add an additional dummy variable that will allow you to move the objective function into the constraints) Paper referenced: . a. For a constant input pressure we call it Poiseuille flow. You could solve this using the orig... Check if the EAN-13 barcode of the product is valid. Show your solution. a. Datu Puti Vinegar (1L) 4 801668 100141 b. Green Cross Isopropyl Alcohol 70% Solution (500mL) 4 800047 820182 Find the ... I need help with this question please.. 3) Prove each of the following statements. a) f E O(g) if and only if O(f) = O(g). b) If f = f1 + f2, g = g1 + 92, f1 E O(91), and f2 E O(92), then f E O(g). c... Determine the eigenvalues and their multiplicities. b. Establish whether the matrix is diagonalizable. c. Determine a basis to achieve the appropriate canonical form (i.e., di- agonal or Jordan for... just part b please. Question 3 (Suggested maxi Eleanor has a gross income of E38 500 for the year. She has an annual tax credit of (3300. The standard rate cut-off point is 633 800. The standard rate ... Consider the following CPM project. Activity Normal Time Crash Time Normal Cost C 13 8 3550 4920 D 11 10 6970 9090 E 8 5 7450 11380 F 7 3 3630 4650 G 9 4 1... In how many ways can change for a \$ 20 bill be made in 81 85, and / or \$1 10 bills The line Crash Time Normal Cost C as h Cost A 11 9 6160 10050 B 13 8 910 1430 C 13 8 3550 4920 D 11 10 6970 9090 E 8 5 7450 11380 F 7 3 3630 4650 G 9 4 1... In how many ways can change for a \$ 20 bill be made in 81 85, and / or \$1 10 bills The line C as h Cost A 11 9 6160 10050 B 13 8 910 1430 C 13 8 3550 4920 D 11 10 6970 9090 E 8 5 7450 11380 F 7 3 3630 4650 G 9 4 1... In how many ways can change for a \$ 20 bill be made in 81 85, and / or \$1 10 bills The line C as h Cost A 11 9 6160 10050 B 13 8 910 1430 C 13 8 3550 4920 D 11 10 6970 9090 E 8 5 7450 11380 F 7 3 3630 4650 G 9 4 1... In how many ways can change for a \$ 20 bill be made in 81 85, and / or \$1 10 bills The line C as h Cost A 11 9 6160 10050 B 13 8 910 1430 C 13 8 3550 4920 D 11 10 6970 9090 E 8 5 7450 11380 F 7 3 3630 4650 G 9 4 1... In how many ways can change for a \$ 20 bill be made in 81 85, and / or \$1 10 bills The line C as h Cost A 11 9 6160 10050 B 13 8 910 1430 C 13 8 3550 4920 D 11 10 6970 9090 E 8 5 7450 11380 F 7 3 3630 4650 G 9 4 1... In how many ways can change for a \$ 20 bill be made in 81 85, and / or \$1 10 bills The line C as h Cost A 11 9 6160 10050 B 13 8 910 1430 C 13 8 3550 4920 D 11 10 6970 9090 E 8 5 7450 11380 F 7 3 3630 4650 G 9 4 1... In how many ways can change for a \$ 20 bill be made in 81 85, and / or \$1 10 bills The line C as h Cost A 11 9 6160 10050 B 13 8 910 1430 C 13 8 3550 4920 D 11 10 6970 9090 E 8 5 7450 11380 F 7 3 3630 4650 G 9 4 1... In how many ways can change for a \$ 20 bill be made in 81 85, and / or \$1 10 bills The line C as h Cost A 11 9 6160 10050 B 13 8 910 1430 C 13 8 b) the length of AB (2 marks) ... KINDLY PLEASE ANSWER WITH SOLUTIONS AND HIGHLIGHT FINAL ANSWERS. Complete the divided difference table and answer the following: X 1 1.75 2 3.2 4.3 0.50 0.78 1.10 1.35 1.50 segment AB has the endpoints A(5,-1) and B(0,7). Calculate the following: a) the midpoint of AB (2 marks) What are the backward lead... Please complete question 2 and 3. All other information is just background info Direct materials \$24 per unit Variable manufacturing costs \$1,235,000 per year Adminis... Help me interpret the following graphs for united health group and what they mean for UHG and how they impact company decision making. Scatter Plot High Stock Price (UHG) UHG HIGH STOCK PRICE STOCK PR... Write the dual of the following LPP. Maximize ? = 3? + 5? + 4? Subject to; ? + ? + ? = 10 2? + ? + ? = 1diagram below shows a few shapes of quadrilaterals K, L and M. Given that each of the quadrilateral has the same perimeter. Arrange the areas of the quadrilaterals in decreasing ... Here is the whole question: A percent of change is the percent of change is the percent of change is the percent of the quadrilateral has the same perimeter. change is called a percent of decrea... Logistic Regression. Consider the logistic regression model $Pw_{y}(y = 1(x) = o(w a + b)$ for a binary classification (i.e., $y \in \{0, 1\}$) with a sigmoid function o (z) = . Assume we train the logistic ... Question 4 (Decision Rules) Mr. D is considering which one of three alternative courses of action A, B and C to take. The profit or loss from each choice depends on which one of four circumstances, I,... 15 a) only thanks. 14. (a) Use Theorem 7.4 to find the number of permutations of (1, 2, 3, 4, 5, 6, 7, 8); which exactly 4 integers are in their natural positions. (b) Check your answer by computing ... Get in loser we're going shopping! Activity 7.1 Can You Picture This? Due: Purpose: The purpose of this activity is to add, subtract and write equivalent fractions using models. Grading Criteria: This... The foundation plan are given to the outside walls. The height of the foundation walls average 1,250 mm. ... PLEASE ANSWER IN EXCEL DATA TABLING FORM. SEND EXCEL FILE THROUGH GOOGLE DRIVE PLEASE. In your biology class, your final grade is based on several things: a lab score, scores on two major tests, and your score on the final exam. There are 100 points available for each score, thus available for each score, scores on two major tests, and your score on the final exam. difference. (Copy and answer in MATH NOTEBOOK) 1. 2 - 2. 4-1 9 3. 3 - 4. 1 - B 5 . 5 - = in the weighted voting system [q: 20 19 16 2 1 1] a two thirds majority of the vote is needed to pass a motion what is the value of the quota q A 7 B 20 C 40 D 59 E none Starting when Karen was born, her parents have deposited \$3750 every year into a college savings account paying 2.5% interest compounded annually. How much will be in the account in 18 years? Formulas Does the explanation make sense to you? Why or why not? I now can make a better judgment in how to invest my money knowing the different formulas. that a continuous rv X has pdf f(x) with f(-x) = f(x) and with variance equal to 1/4. (a) Obtain an upper bound for P(X > 1). In the special case when X is normal, compare t... this question. If you have 150mL of 1/3 strenth formula, how much concentrated solute do you have? Question 11 (2 points)) Listen Match the following measurements. 10mL
1. 1 oz 1/2 tsp 2. 2 tsp 30 mL... Using the pattern found in number 1. calculate the sum of the amounts in the third column. 3. Given the answer in number 2, what will be the best house suited to the investment made by Mr. and Mrs.... Correct How many ways can Nick choose 2 pizza toppings from a menu of 7 toppings if each topping can only be chosen once? Sir i am stuck for this question . 7. Given f(x, y) = xzy and L(f) = xfx + yfy calculate L,2 (f) xty 8. Determine the local extremes for the function f: R3 - R defined through f (x, y, z) = x3 + y2 ... Suppose that there are five corporations competing for six different contracts. If the contracts are awarded randomly, what is the probability that each corporation will get at least one contract? ... Page 8 of 14 PART TWO: Pick the problem that you prefer & answer that problems (some of problem you do not w... Disclaimer: Must have an understanding of set theory to solve. Please solve by proving either side is a subset of the other. I attached resources that may be useful in solving.. 4. Show that for any s... Question 38, 5.5.13 > HW Score: 48.18%, 48.18 of 100 points O Points: 0 of 3 Save A debt of \$19,000 is being repaid by 15 equal semiannual payments, with the first payment to be made six months fro... Topic: Measures of Central Tendency Learning Outcome: To identify the mean of the given grouped data set. 1. Complete the table to find the mean for the grouped frequency distribution. Solution: Class... please help me solve this for my math assignment. QUESTION 3 3.1 Factorise the following a. 2xay - 6xyl + 12xy b. x (y - 3) - t(3 - y) c. 81×8 _ d. x2 - 3x - 18 When under severe stress, females can develop "hypothalamus amenorrhea", a condition in which the hypothalamus stops secreting GnRH, the hormone that stimulates the pituitary. This can cause... Solve the following proportion for x and y, rounding your final answers to 1 decimal place x: 7: 9 = 8: y: 11 For the remaining question, using only the numbers 0, 1, 2, 3, 4, 5, 6, find the number of three digit multiples of 5 without repeated digits. Elephants: When is Enough, Enough? "Ultimately, if a habitat is undesirably changed by elephants, then their removal should be considered -even by culling." National Geographic (Earth Almanac)-Dec... En la receta de arroz con leche de Juan se necesita 1 taza de arroz. En su receta dice que cada taza de arroz? ¿Es cie... Crib Makers provides two models of cribs, called Model A and Model B. Each Model 1 crib is sold for \$300, and each Model 2 crib is sold for \$400. Both models use two types of wood, i.e., oak, and b... Question 11 A Factor the following expression completely: 16y - 20y + 6y Hint: Factor out the... value added tax. 1. 1.2 Determine the number of checkout bags John bought. (21 below 1.1.3 The prices on the till slip include VAT. Determine the total VAT what was charged. for the 1.1.4 Determine th... Show directly, i.e. do not use differential characterizations, that f (x) = at (a, x) + (Ax, x) where a E R, a E RR", and A E Rnx is strictly convex if and only if A is positive definite. (Assum... Economics. Question 4 The country of Shyaway includes an adult population of 450,000 people eith... =. Find If'') dx for each graph of y = f(x), where f(x) consists of line segments and circular arcs. (31 r: 13;" 0246810 6 a' If(x) dx = 0 (Type an exact answer, using 1: as needed.) use A=2. A military radar identified an unknown object flying above Andaman Sea. The Radar Intercept Officer (RIO) justified that this unknown flying object follows a motion equation, s(t) = sint +... The first term of an infinite geometric sequence is 4. The sum of first 8 terms c. Find the least value of n for which Sn>... Lawrence found out that after working for 9 months he earned 12 days of vacation time. How many days will he earn after working for 9 months he earned 12 days of vacation time. areaamong the listed houses. Insert a statistic... For the past elections, El Nuevo Día conducted a survey in which it asked voters to identify the political party for which they voted. What is the correct answer (measurement levels): nominal, ordina... If $\lim f(x) = +00$, then the limit $\lim [x^2 \cdot f(x)]$. O must be equal to zero. O must be equal to too. O must be equal to 1. O does not exit. O It is impossible to determine what is lim [x2- f(x)] fro... Pls show workings clearly. 4. Explain whether the following represents a linear, quadratic or exponential graph. Show your work. (6 marks) (a (b) X y X y 0 30 0 60 1 10 42 2 -10 2 29.4 3 -30 3 20.58 4... Create and solve three real-world, one-step word problems, one for each of the three multiplication and division situations (i.e., equal groups, array, and compare). Use a different type of math drawi... Compare the monthly payments and total costs for the following pairs of loan options Assume that both loans are fixed rate and have the same closing costs. You need a \$130,000 loan Option 1: a 30 year... iron in the asteroid 16 psyche is said to be valued at 8973 quadrillion euros 1) Formulate a linear programming model for this problem. Clearly define the variables, objective function, and constraints. [5] 2) Solve the problem using Excel or Excel QM and answer the following q... 2. Consider an S that follows the process dS(t) = pS(t)dt + oS(t)dW(t). For the first three years, u = 20% and o = 30%; for the next three years, u = 30% and o = 40%. If the initial value of the p... I need help. <)) Rose, Johnny, and Annie went on a 5-mile hike to see a huge waterfall. They put some snacks and water in a backpack before they started, and each person carried the backpack an equ... A world-champion weightlifter does 5.0 x 10 3 J of work in raising a weight from the floor to a height of 2.0 m. Calculate (a) the average force exerted to lift the weight - GRAS (2T,1A) (b) t... Sir i am stuck for this question . Write the statement in symbolic form, construct the negation of the expression (in simplified symbolic form). Drinking caffeinated coffee is sufficient for not slee... I need help with step by step solution for question number 10. (The second question 9... Math 9. (10 pts) Consider the following relation 8 on the set of all points on... Paint my house. Make a proposal budget for three different colors of paint with corresponding brand name If a company has total costs C(x) = $32,000 + 15x + 0.3 \times 2$ and total revenues given by $R(x) = 495x - 0.7 \times 2$, find the break-even points. (Enter your answers as a comma-separated list.) X Need Help? R... Answer the following in R Studio #1)A study was made by a retail merchant to determine the relationship between #weekly advertising expenditures and sales. The following data were recorded: ad.cost &l... Solve the system with Laplace transformation $d^2x/dt^2 + d^2y/dt^2 = t^2 d^2x/dt^2 =$ Tutorial Exercise Compute P6,3 Step 1 Recall the Counting Rule for Permutations; the number of ways to arrange in order n distinct objects, taking n! them r at a time, is Phir = (n -)! where n and r ... Hi can you help me solve this. Problem 1 Create a sketch of a polynomial function that satisfies the following: A QUARTIC function with a positive leading coefficient and two x-intercepts. Problem 2 D... business mathematics. On a trip, a motorist purchased gasoline as follows: 56 litres at \$1.246 per litre; 70 litres at \$1.278 per litre; and 54 litres at \$1.278 per litre; 70 litres at \$1.278 per litre; and 54 litres at \$1.278 per litre; 70 litres at \$ equilibrium poi... Need help with step by step solution. 4. (20 pts) Convert each number to its decimal form. (a) 1011.1011, (b) 257.64 (c) 4E816 (d) ABC16 Focus 12/14 e-mail to the intended recipient, you are hereby no... The complete equations of electrodynamics in a vacuum are 1 V X E(x, t) + -a, B(x, t) = 0, V x B(x, t) = -a, E(x, -J(x, t), V. E (x, t) = 4np(x, t). a) Use E(x, t) = -Vp(x, t)... This is the exact question. Two forces and a moment are applied to the block. Reduce this to an equivalent force-couple system at point A. Express the results in vector notation.. Part Description The... 29:27 QUESTION 2 . 1 POINT Jackson got a raise in his hourly pay, from \$11.50 to \$13.50. Find the percent change. Round to the nearest tenth of a percent. Provide your answer below: % FEEDBACK Complex Mathematical expression that leads to a single number or answer. Let f, g: [0, 1] -> [0, 00) be continuous functions. Prove that if sup{f(:1:) :0 S :1: g 1} = $\sup\{q(:z:): 0 \ S: 1: q \ 1\}$, then there is $oz \ 6 \ [0, 1]$ such that f(oz) = 9(0). [5] 2. Let f: [0, 1]... 2 - Characteristics of Polynomials MHF4U - Polynomi < x ≤ π which is a sawtooth function. (a) Compute the Fourier series of f(x) and using Mathematica plot th... Business math. A group of Bread and Pastry students was tasked to bake banana cake to sell during their Entrepreneurship simulation activity. Their teacher provides them with the following ingredients... Hello, please help with the</pre> following questions!. 7) What is the future value of \$ 8500 after five and a half years if it earns 9.5 % compounded quarterly? 8) Roberto placed \$ 11,500 on October 20, 20... What are the control limits for x-bar control charts with a=0.004 probability limit and sample size of 36? Assume the mean shift is . (. is the process standard deviation, that is udard deviat... if the pattern is the repeating ten numbers in the ones place value, then what pattern can you see in our integers and counting numbers? sir i am stuck for this question. 5. (4 MARKS) Suppose that vi - 205 + 303 = and vi - vz... Q8 Let xo, X1, ..., An be n + 1 distinct interpolation nodes in [-3, 1], such that all the local maximum values of the function $g(x) = 1(x - x0)(x - x1) \dots (x - x1) x E$ [-3, 1] are the same. Find t... Find a streamfunction for the motion with velocity field $u = 2y/(x^2 + y^2)ac - 2x/(x^2 + y^2)ac$ compatible with this flow. List two equivalent fractions that the point
represents. 1/6 and 2/12 O 1/2 and 4/8 O 2/8 and 4/16 1/10 and,5/20 Previous Next (20 points) The profile below shows the preferences of voters in an election with 4 candidates (W, X, Y, and Z). Determine the Borda count winner of this election. Use the table to show your work. ... I need help. Evaluate the interest formula I = PRT using the following values Find the rate if I = \$457 50, P = \$1.500, and T = 2 years The rate is %. (Simplify your answer.) business mathematics. Question 39 (1 point) Drawing Account is where: Salary is received Advance is received Advance is received Advance is received Advance is a (2 a) ! < (a!) 2 4 a / 4, a>=5 (Calculus 1) Evaluate the following integrals by substitution.. 12×4+16 dx x - +4x Which expression matches the statement, 36 divided by (9 - 5) or C. 36 divided by (5 - 9 or D. 36 divided by (5 - 9 10} Red aerial minifiaree are used by some boaters in an emergency. It a flare la fired from the height of 3 metres and readies the maximum height of 3 metres and readies the maximum height of 3 metres are used by some boaters in a emergency. It a flare la fired from the height of 2 metres and readies the maximum height of 3 metres in 3 eemnda: (4 marks] a} problem. Given m training samples (x', y'), i = ... In a study of automobile repair costs, data were collected on cars' ages (in years) and annual repair costs. The kind of Mathematical statement that says that if one thing is true then some other thing has Please provide Handwritten answer Advanced Math Get the surface of this function and graph How Mathematics construct reality? Give 2 concrete examples as to why do you think so. 1 1. Yardwork Yan charges \$20 per hour. Leafblowin Louie charges \$15 per hour plus a \$65 fixed lawn evaluation fee. to be true is known as For how many hours will the companies charge the same amount? Given r E R and y E R, consider the following function f(x, y) = x' - 3x(y - 2) + (y - 2)3 a) Find all critical points of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the Hessian matrix of f. Please show calculation steps. b) Compute the H first five days in a week worked is paid at time-and-a-half pay for hours worked greater than 8 in a day. If mor... Take a picture of a plant, a tree, a building, or an object in your surroundings and discuss how mathematics embedded in your chosen object. normally distributed with average of 5.5 hours and standard deviation of 1.2 hours. What is the probability... Please help with detailed steps, thank you. Suppose G = (X U Y, E) is a bipartite graph with parts X and Y. Prove that if G contains a cycle C, then C must have an even number of vertices and an even ... i don't know how to do it. See your levels If b = (3, -7) and c = (1, 2), find the difference b - c. At a local Dunkin' Donuts, a survey showed that out of 1,040 customers eating lunch, 208 ordered coffee with their meal. What percent of customers eating lunch, 208 ordered coffee with their meal. for 15 months instead of \$260.00 at the beginning of each month for 25 months? ... Iris bought 1 3/4 kg of rice at P75 while Carm bought 3 1/2 kg at P160. Which of them paid less? By how much? Let x(0) be optimal for 4 [3,3,4-20]x = min = p(0) Let y(0) be optimal for the dual. For 0 < 0 < 1 find x(0) and y(0), and draw the sh of will Go hish A is will which A is whi dice Question 6 1 pts Each day, you deposit \$4.11 into a bank account whose annual rate is 3% with daily compounding. How much interest will you have earned after 17 years? Round your answer to the nearest... If the Fourier transform is (x (f), w (F), obtain the Fourier transform of the following functions in terms of (w (F). 1)fi(x) = feix 2) f2 (x) = (f(x))2 3) f3 (x) = f(x)f'(x) = f(x)f'(x)f'(x) = f(x)f'(x) = f(x)f'diagonal entries (1,3, and let ||H represent an arbitrary p—norm. a) What is the matrix condition number MA) rela... (1 point) Write the given third order linear equations with initial values. 2ty'' - 3y'' + y = 1 + (-1) with y(-3) = 3, y(-3) = -3, y''(-3) = -32.75% compounded semiannually for the first three years, and 3.15% compounded semiannually for the subsequent two years. What will be the maturit... Can i please have full working out to this guestion and it's parts, thank you!. Ouestion 5 [15 marks] a] The forces acting on a link of an industrial robot are show on the diagram below: The equation... Problem set trouble, need help. Here is a data set: 138 209 183 157 287 150 208 211 209 279 250 111 198 202 167 211 233 142 165 249 216 251 209 196 170 295 175 195 The goal is to construct a grouped f... 4. XXX Corporation signed a forward contract on August 15, 2020 that will mature on February 15, 2021. The underlying asset is the stock of ZZZ, a FinTech Company. It is believed that ZZZ will not... Please help. Oil Imports from Mexico Crude oil imports to the United States from Mexico for 2009-2013 could be approximated by I(t) = -39t2 + 800t - 3,000 thousand barrels per day (9 5 1 = 13) where t... ~ 3 days 0/8 QUESTION 1 . 1 POINT There is a \$1500 carry-over balance on a credit card with a 19.99% APR and a minimum payment of 6% of the new balance each month. Assume only the minimum payment is m... [-/1 Points] DETAILS SCALC9 9.5.501.XP. MY NOTES ASK YOUR TEACHE Determine whether the differential equation is linear. y' = 2 + 6 X O linear not linear # Show My Work (Optional) ? 12. [-/1 Points... Which fraction is less than . v uil w O 5/7 O 4/6 9/15 4/12 convex please explain the solution, when if $-x1 + 2 \times 2 + x3 - x4 = 0.5$ items 1. Refer to the graph and choose the best answer: * Hamiltonian cycle Neither a Hamiltonian cycle Neither a Hamiltonian cycle Neither a Hamiltonian cycle 2. Tessa wants t... 10.01.6 7. Explain how to use the distributive property to make 31. 25 easy to calculate mentally. Write an equation that corresponds to your strategy. With- out drawing all the detail, draw a ro... Sir i am stuck for this question. 4. Calculate lim un (x, y) = (*n,)n) in each of these cases: 7+00 In1 + In2 + ... + 5 2n-1 n + 1 In1 + In2 + ... + Inn b) x = n x + Vx = n + 1 3 + sin TT... Sy Step-by-Step C X w Homework 7.p X Homework 7.p X 25276797 (312 x | 4 Final (Canez) - x | w Lecture 20 - M x | The Problems | x | G Find the gener X | G x' = (3 - 41 - 1 x |) Mathway | Alg x | G windows.... Solve the following problem. 7. In how many ways can you seat n married couples at a round table if each married couple is supposed to sit together? Verify both the green theorem and the flux versions of the green theorem for the field F = 2xi - 3yj assuming the domain is the disk x^2 + y^2 is greater than or equal to a^2, and it's bounding circle ... The Canada Pension Plan premium deducted from an employee's wages was \$58.62. If the premium rate is 7.34% of gross wages, how much were the employee's gross wages? . Selection of Individual Practice Activity: FEAP (a)1.c On January 1, 2022, Delphia, Inc. signs a 10-year noncancelable lease agreement to lease a storage building from Musselshell Warehouse Company. Collectibility of lease payments is reasonably predictab... Factor by Grouping (Slide 5 of 5) Solve for x: $2 \times 3 + 10 \times 2 + 8x + 40 = 0$ Step 4: Set both factors equal to 0 and solve. Let's move on to the quadratic factor factor, 2x + 8. Set this equal to 0 and solve. Let's move on to the quadratic factor factor, 2x + 8. Set this equal to 0 and solve. Let's move on to the quadratic factor factor. Ar5BCME5gBmkkB2s9T7hyi6f9BgA?e=7iR1QE. 15. a) Verify that for any C the function y = Ce' + 1 + t is a solution of the differential equation y = y-t. Determine the value of C so that t... 90 men and 60 women were asked if they had watched the latest 'Expendables' movie. Altogether 3/5 of the people said Yes. 3/10 of the women said Yes. What percentage of the men said No? (Show your wor... need help with 3a thank you. 5. In calculus we often calculate area as the integral of length. We can formulate this in differential geometry and see just when it holds true. Suppose give a surface pa... Kindly follow the sample format below. Column A contains the Row Numbers starting from 3 in cell A3 up to the last row that will contain data. Row 2 contains the Column Headers starting from B in cell... A recent survey showed
that 60 percent do not. Market experts predict that in a year 10 percent of the non owners will become owners, an... Before boarding his flight to Zurich, Switzerland, Devin purchased CHF850 from his bank when the exchange rate was C\$1 = CHF0.9809. However, Devin had to cancel the trip. Devin returned to the bank to... help this question. (a) Rajah 1 menunjukkan graf y = f(x). (b) Rajah 1 menunjukkan graf y = f(x). (b) Rajah 1 menunjukkan graf y = f(x). (c) Rajah 1 me (b) Diberi fungsi ... Application of quadratic equations. An athlete whose event is the shot put releases a shot. When the shot whose path is shown by the graph to the right is released at an angle of 60, its height, f(x),... Bryson purchased a house for \$857,900. If the municipality assessed the value of their house at 82% of its purchase price, and the tax rate is 1.25% per annum on the assessed value, calculate how mu... Power Generation Inc . has just announced the March 1, 2022 expansion of the R.H. Saunders Generating Station in the Ottawa/St. Lawrence area. Its personnel department has been directed to determine... I really need help. as much monty as For Problems 8-10, evaluate if a = 4, b = 6, and c = 2.8. ab = 9. a+b = C 10. 62 = If it is not fall, then we are not going riding. For each statement, or neither of these. We ar... i hope u can show the understanding working with correct answers. QUESTIONS 10 41 10 a. Given A = 7 10 34, |4| = -21 and minor of matrix A, My = 121 - 10124273 Find A = !. [4 marks] (C2, CLO1, M... Let $f: [0,1] \times R$ be a continuous function such that f(0) > 0 and f(1) < 0. Let $A = \{:1: 6 [0,1] : f(:z:) 20\}$. Prove that there exists a point c in (0,1) with f(c) = 0. Do not use IVT (The p... The radioactive substance cesium-137 has a half-life of 30 years. The amount At (in grams) of a sample of cesium-137 remaining after t years is given by the following exponential function. A(t) = 381 ... Estimate the value of a customer value multiplier for the "customervalue.xls" dataset from the textbook. Also carry out sensitivity analysis. Basically, you need to replica... 25) If a sound wave travels through soft tissue at a velocity of 1.54 mm/microsecond for 2203 ms, How far has the sound wave traveled using the echo-ranging formula d=ct, where d= distance, c= velocit... location of the Absolute minimum and absolute minimum for the function. Find the location of the Absolute minimum and absolute minimum and absolute minimum and absolute minimum for the function. Maximomifor the function O (4, 1) ONone (10,4) O (-4.0... Sir i am stuck for this question . Let b1 a3 and b = b2 ai = = O = b3 Find conditions on b1, b2, b3 such that b E spanfai, as, as}. [20 pts] Is it possible to fill in the payoff matrix below to make the game a potential game? If so, please provide the numbers and the potential function. If not, please explain why. L C R T ?,? ... Make math drawings showing how to represent 1.1 and 0.999 with bundled objects in a way that fits with the structure of the base- ten system. Use these representations. $y = 18.2 + 3.8 \times 1 - 2 \times 2 + 7.3 \times 3 + 2.74$ equilibrium n (steepness) 10 Consider the diagram above. If T=0.4, at what value of n does a Hopf bifurcation take place... A bakery sold 41 blueberry muffins, 27 banana nut muffins, and 20 bran muffins. Estimate the total muffins sold. carila persamaan regress dari data berikut x 3, 4, 5, 6, 7, 8, 9 Thank you so much!. Need Help? Read It Watch It 4. [-/0.65 Points] DETAILS LARMPMT1 9.1.014. 0/100 Submissions Used Place the correct symbol (<, =, or >) between the two rational numbers. (a) ?... What is the logic of this sequence?. Which of the options below follows next in the sequence shown? V A VO 14 4 V A V C Please and thank you. Redeem LateP Due in 31 minutes. Due Thu 09/16/2021 11:59 Show Intro/Instruction Score on last attempt: | 0 out of 1 (parts: * 0/0.5) Score in gradebook: 10.5 out of 1 (p... Adora is preparing for an income fund for her retirement. She wants to receive Php 15 000.00 monthly for the next 25 years starting 1 month from now. The income fund pays 10.5% per year compounded mon... Consider a trainer two-seat (tandem) aircraft with a wing area of 9.2 m 2 and an overall length of 6.2 m. The mass of each major component and their corresponding centers of gravity from the propell... For my combinatorics class, any help is really appreciated! This is a practice exam question with no solution. Exercise 2) Suppose that we perform the cutting plane algorithm on an IP, we solve the LP.... There is a test that is commonly done to determine if data in a sample is derived from a normal distribution. In this test, the null hypothesis is that the variable is normally distributed. A test... A child on a tricycle (total mass of 65 kg) is pushed 19.4 m up a ramp with an effort force of 210 N parallel to the ramp. The tricycle is raised 2.2 m above its initial level. Calculate :(a) the IMA.... pls help he I don't know what to do. Evaluate the expression when b = 9. H +8 = [I need solutions in Excel using the functions! (1) I deposit \$1,000 a month into a retirement fund that has a fixed interest rate of 4.23% compounded monthly for 20 years. What is the TOT... Sir i am stuck for this question. The demand function and total cost function for a product are P = 110 - 3Q, TC = WIH Q3 - 14Q2 + 120Q + observed that the population of species A" grows at a rate of 20% per month, while "species B" grows at 15% p... (2.5 pts) The way Jack dealt with his anger was to eat pie. Suppose he started with a whole pumpkin pie. On the first day, he ate half the pie. Every day after that, he ate half of what was left. ... Let T(V, E) be a graph and for each v E V, set $Ev = \{e EE : the endpoints of e are in I've where I' is defined in Problem 1. (a) Prove that I(Tv, Ev) is a connected subgraph of T(V, E). (b) Prove that... please help me solve this question i cant seem to understand it, thanks Consider the following subsets of a standard English dictionary: A = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is a word that appears before discrete} B = {x | x is | x is a word that appears before discrete} B = {$ x... need help. Let Xk [ox] = () [3] + (a2) [] the solution of a dynamical system. Find specific values for 1 and 12 so that the system has the following behavior (justify your answers): (... ussigniment 5 Remaining Time: 15 Select the comact loops to simplify the given function in POS (jproduct of sums) form: Note To select loops than wirap around the edges of the table, you must select b... Sir i am stuck for this question . 11. Find The equaTion of The plane in R3 ThaT passes Through The following. Thank you.. A multiple choice exam has 10 questions each with 4 possible answers (a, b, c or d). An answer sheet gives the correct answer for each question so ab... urgent please help. Which of the following terms would be considered an exact number? 12 inches = 1 foot 345 8 4 knapsacks O 1000 m = 1 km Why is it true that every (nonzero) scalar multiple of an eigenvector of some matrix is also an eigenvector of that matrix? (Hint: You may find it helpful to draw a diagram.) Please provide a solution for the preceding items. Thank you. "This Time for Africa's total land area is 30,368,609 km?. Find the fract... You deposit \$1000 into a saving plan at the end of the year for three years. The interest rate is 8% per year compounded

annually. (a). Find the value of the annuity after three years. (b). Find th... Sir, I am stuck on this question Sir, it's a humble request please step by step and double-check if I put even a single point wrong. (2 points) A person's utility function is giv... given x = [1,2,3], y = [3,2,1] Using R 3 + , is it true that $x \ge R 3 + y$? Explain why. Plot x - y and R 3 + . I understand the answer is no becaue not all a i >= y i. But how do I plot R 3 + Help. Mathematics d or crea you 4. Lori and Mike Boyd have a combined Electricity \$ 2,960.00 monthly gross income of \$13,395.00. Their Water 1.194.50 ur in heel records show that last year they paid B... 1 [9 marks) Consider the integral / tanx {111: U (a) Approximate the above integral using Simpson's 3 f 8 rule. (1)) Approximate the above integral using composite Trapezoidal rule 1 with 4 points. please do it all in steps and this is Data and Management 4u. thank you . E hwdsb.e|earningontario.ca In this assignment you are going to focus on: Empirical and Theoretical Probability Total Marks: ... Make a tree diagram to show all the possible sequences of answers for four multiple choice questions, each with four possible responses. Assuming that you are guessing the answers so that all outcomes... Classify the following neither as an objective measurement A boy has constructed a rocket out of a cardboard. The shape of the rocket is a triangle on top, a rectangle at the middle and a trapezoid at the bottom. The geometric figures measurements are: a. ... Your employer is trying to select from a list of possible capital projects, along with their cost and benefits, are listed below. The capital budget available is \$1 million. In addition ... You are in level, unaccelerated flight, maintaining 100 knots with a total air temperature (TAT) of 5 degrees Celsius. If you accelerated to 150 knots with all other variables remaining the same, w... Which of the following radian measures is the largest? 3TL d. n C. a. b. 9 4 N 5. The exact radian measure of 210 is: d. a. T b. 4 C. 3 (a) Compute the LU factorization of A using Gaussian elimination without pivoting. Write the elements of L and U in a notation similar to above; i.e., do not write out the matrices L and U in full. (b... Two large plates are 6 mm apart and the space in-between in filled with a fluid. A plate of 1 mm thickness and 10 cm square is pulled parallel to the planes and midway between them with a velocity of ... OX+53. Find the values of a and b so that the graph defined by f(x) = -5x+3 will have a vertical asymptote at x = 6 and a horizontal asymptote at y = -14. (3 marks) I need help answering this please. Divide Using Long Division 8 95 537 6 90 Divide Using Partial Quotients 4 94 78 8 - 4x P. - 7x 2 ? Divide Using Long Division 8 95 537 6 90 Divide Using Partial Quotients 4 94 78 8 - 4x P. - 7x 2 ? Divide Using Long Division 8 95 537 6 90 Divide Using Long Division 8 95 537 6 90 Divide Using Partial Quotients 4 94 78 8 - 4x P. - 7x 2 ? Divide Using Long Division 8 95 537 6 90 Divide Using Division Partial Quotients 37 8 5 9 3 x 20 5 x Q 1 8 50 Example C.1.4. It is standard to endow the real vector space C' [a, b], consisting of functions f : a, b] - IR that are continuously differentiable on [a, b], with the norm llflora, b] = max If' (t) ... GeGe memproduksi permen memiliki beberapa mesin produksi. Berikut ini data mengenai waktu penggunaan jam mesin dan biaya pemeliharaan tahun 2019. Bulan Jam mesin Jumlah biaya pemeliharaan Jan... A bowling ball is launched off the top of a 240-foot tall building. The height of the bowling ball above the ground t seconds after being launched off the top of a 240-foot tall building. The height of the bowling ball is launched off the top of a 240-foot tall building. The height of the bowling ball above the ground t seconds after being launched is $s(t) = -16t^2 + 32t + 240$ feet above the ground. What... I need help with this . 1. Let $E = \{2n: n \in Z\}$. Then (E +) is a group. 2. Consider $M = \{0, 1, 2, 3, 4, \dots 3. \text{ Is } (M, +) \text{ a group} ? 3. \text{ Let } G \text{ be the set all rational numbers except -1. Show that } (G,*) is a gr. ... 8:56 pdsb.elearningontario.ca 4 of 4 4 | Page 10. Determine all the zeros, both real and imaginary, of the polynomial function f (x) = -x6 + 1. [4] Hint: You may need to use difference/sum of cubes or di... Solve the$ following problem.. Let fn be the number of ways to choose a permutation 7 of {1, 2, ..., n} and then color each of the cycles of 7 red, blue, or white. Find a singule formula for f(n) (not... Dada la siguiente función cuya regla de correspondencia se indican; determina: el dominio, la amplitud, el periodo, la traslación horizontal (ángulo de desfase o desfasamiento). . N f(x) = 3 sen X... Fans of a college football team are excited after their team wins the game. They rush onto the field of 100 yards by 50 yards? Make sure your answer includes... I was wondering if I could get help on Rich Eisen assignment A theory predicts that the relative frequencies of various personality traits in the general population are .5 for Type A personality, .25 for Type C. To investigate this theory,... anyone please help me solve this , urgent. QUESTION 2 a) Construct a truth table to determine whether the statements below are equivalent or not. ~[~(pvq) - p]- ~pi~q (5 marks) b) Verify that the prop. solve the following intergral equation. 13- 21 - 21 + 62 Kago spends 510 dollars on meat in the month of June. 2. In July, the cost per kg of meat increased... Explain and iclaws 2. I Here is Amy's explanation for why the com- mutative property of multiplication is true for counting numbers: Whenever I take two counting numbers and mul- tiply them, I always ... Let T, J, D ER", A, BE Rx be symmetric matrices, assume A + B is invertible. Let f(x) be the sum of two quadratic forms: f(7) = (7 - 7)TA(X -) + Show that f can be written as a single quadrat... In how many different ways can three distinct horses finish the race, if all sorts of the system of the system and B is column free. A=; B= A; B SYTEM OF LINER EUQATION.; B= A=; B= step by step. Ian Richard, and Erin invest \$21,000, s12,000, and \$17,000, respectively, to build a boat. After the boat was built, Ian decided to sell his share of the investment to Richard and Erin.... Hi, I am in difficulty when I kept trying to do this question. Could you give me a help to solve this question? Thank you so much. Note: reference and links below mathematics u identified (or any mathematics) is not used at all, what do you Needing help with the following problem: Tim wants to design the vault room for a bank safe. He plans to place safety deposit boxes approximately 6 feet high by the approx length of the room's w... Instructions: Show ALL your workings and submit answers in handwritten format. 1. Wild West produces two types of cowboy hats. A type 1 hat requires twice as much labour time as a Type 2. If all al... please help! for my combinatorics class, I will upvote solution! Compute the ratios of consecutive Fibonacci number, starting with F2/F1, F3/F2 and continuing until you reach F13 /F12 (8 points) The funguses the ratio of consecutive Fibonacci number, starting with F2/F1, F3/F2 and continuing until you reach F13 /F12 (8 points) The funguses the ratio of consecutive Fibonacci number, starting with F2/F1, F3/F2 and continuing until you reach F13 /F12 (8 points) The funguses the ratio of consecutive Fibonacci number, starting with F2/F1, F3/F2 and continuing until you reach F13 /F12 (8 points) The funguses the ratio of consecutive Fibonacci number, starting with F2/F1, F3/F2 and continuing until you reach F13 /F12 (8 points) The funguses the ratio of consecutive Fibonacci number, starting with F2/F1, F3/F2 and continuing until you reach F13 /F12 (8 points) The funguses the ratio of consecutive Fibonacci number, starting with F2/F1, F3/F2 and continuing until you reach F13 /F12 (8 points) The funguses the ratio of consecutive Fibonacci number, starting with F2/F1, F3/F2 and continuing until you reach F13 /F12 (8 points) The funguses the ratio of consecutive Fibonacci number, starting with F2/F1 (8 points) The funguses the ratio of consecutive Fibonacci number, starting with F2/F1 (8 points) The funguses the ratio of consecutive Fibonacci number, starting with F2/F1 (8 points) The funguses the ratio of consecutive Fibonacci number, starting with F2/F1 (8 points) The funguses the ratio of consecutive Fibonacci number, starting with F2/F1 (8 points) The funguses the ratio of consecutive Fibonacci number (8 points) The funguses the ratio of consecutive Fibonacci number (8 points) The funguses the ratio of consecutive Fibonacci number (8 points) The funguses the ratio of consecutive Fibonacci number (8 points) The funguses the ratio of
consecutive Fibonacci number (8 points) The fu Entomophthora muscae parasitizes flies. Before killing the flies, it makes them climb to a high point and get into a special pose, apparently to better spread the fungus' spor... Please can you help with these problems and please can you show all your work. Please use the given lecture notes to help solve the problems. 1. Find the principal argument Argz when - 2 (a) z 1+ 3i (... Finance Practice Problems: Simple and Compound Interest Score: 6/16 7/16 answered . Question 9 < You deposit \$6000 in an account earning 6% interest compounded monthly. How much will you have in th... Try ? < Question 3/51 > 00:22:16 Submit Te Rachel worked from 1:30 PM to 4:45 PM on Sunday and from 3:15 PM to 9:00 PM on Monday. If she makes \$12.50 an hour, how much did she make for those two... Let T, A ER, A, BE Rx be symmetric matrices, assume A + B is inve Let f(x) be the sum of two quadratic forms: - HA(X - T) + I TB Show that f can be written as a single quadratic form plus some ... In the following problem give your answer using the notation n P r or n C r. You don't have to give an actual numerical answer. There are 10 athletes entered in a race. If a gold, silver, or br... sistem persamaan linear. Victoria, Citra, dan Irene masing-masing berprofesi sebagai pembantu, babby sitter, dan tukang cuci di rumah majikan yang berbeda dalam satu komplekserumahan. Karena sebentar ... $\log \{2\}(\{x+7\}) - \log \{2\}(\{s+7\}) = 3 \text{ In reference to model (1), suppose that the researcher obtained data from a sample of 145 workers and estimated model (1) and the appropriate restricted model ($ + 62 = 1R in each of the following unital rings R. That is, exhibit an explicit element a E R and an... Question ONE Consider the narrative below gives the yards gained for the offense in each of four football scenarios. Suppose the defense always defends against the pass and the offense passes with probability p... thx for helping me for question a and b. 4 cm 11/ The figure shows a wooden tray without cover The thickness of the tray is 1 cm 5 cm 1 cm. (a) Find the capacity of the tray. 30 cm (b) Find the volume... c) Calculate the difference in monthly payment for someone with a very good credit rating (780) with someone who has a low credit rating (640). d) Find the total amount of interest paid for someone w... Calculate the real values of x and y such that (x + y)3i3 bigger than 8 10. Find real values of the number "a" from which ai is a solution of the polynomial equation $x4 - 2 \times 3 + 7 \times 2 - 42 + 1$... Please provide Handwritten answer. Advanced Math Axiomatic Proofs . 7. PS4 OP - DOOP 8. FTO(P - DQ) - (OP - Q) 9. FS5 (PAOQ) + (OPAOQ) find the Fourier transform: 1. Find the Fourier transform: 1. Find the Fourier transform of the triangular function, f (t) = A(1 - ct), x 1/c, |ac| > 1/c. just the steps needed. M P, + 2 p1 12 1 2 1/2 Differentiate a with respect to p Instructions: the following include determining the trucking charges associated with each shipment using the conversions, tables and CIFFA – Logistics Canada Trucking Chart found in CIFFA Appendice... Find the Fourier transform of the following function. f(x) = 5e^-2|x-3| (3 points) Describe an infinite list of uncountable infinite sets and explain how you know that your sets are each uncountable infinite. Your description should be clear enough that any classmate ... Find dy and given 2 y - 1x - - 3y. da 2 dy da 1 + 3y2 Note: Answers wit... Prove that there exists no rational number x such that x2 = p, where p is a prime number (A prime number is a natural number (greater than 1) that cannot be written as a product of two smaller natural... Una empresa tiene dos plantas, planta ly planta 2, que fabrican un producto. La funcion de costo total esta dada por: C = f (x y) = 30×2 + 0, 4y2 - 14x - 5y + 2000, donde x y y son las unidades produ... Ryerson University - Calendar x RI my.ryerson Portal x RI Pearson Avecation Applied M X Pearson Portal x RI Pearson MyLab and -> C @ mathxl.com/Student/PlayerHomework.aspx?homeworkid=610008256&questi... Flow problem: You are running a shift and expect to have 500 hours of labor for pick and pack combined. We have singles, LTL's, and donations available to pick and pack. Expected rates are posted belo... Section 2.5 Non-Regular Languages 53. The Regular Languages 53. The Regular Languages 53. The Regular Languages 53. The Regular Languages 54. The regular Languages 54. The regular Languages 54. The regular Languages 54. The regular Languages 55. The Regular Languages 54. The regular Languages 55. The Regular Languag Problem of SDE and Ito Calculus (Bt is a Brownian Motion) 1-Consider the process d X t = -a X t d t + b (Xt) d B t with X 0 = x. a) Use the Integr... Let (0, F, P) be a probability space and (X,), > an iid sequence of random variables such that 3 P(X, = 1) = 10 P(X, = 2) = P (Xn = 3) = 10 and P (Xn = 4) = 10 for each n E N. Consider the sequence of random variables such that 3 P(X, = 1) = 10 P(X, = 2) = P (Xn = 3) = 10 and P (Xn = 4) = 10 for each n E N. Consider the sequence of random variables such that 3 P(X, = 1) = 10 P(Xn = 4) = 10 for each n E N. Consider the sequence of random variables such that 3 P(X, = 1) = 10 P(Xn = 4) = 10 for each n E N. Consider the sequence of random variables such that 3 P(X, = 1) = 10 P(Xn = 4) = 10 for each n E N. Consider the sequence of random variables such that 3 P(X, = 1) = 10 P(Xn = 4) = 10 for each n E N. Consider the sequence of random variables such that 3 P(X, = 1) = 10 P(Xn = 4) = 10 for each n E N. Consider the sequence of random variables such that 3 P(X, = 1) = 10 P(Xn = 4) = 10 for each n E N. Consider the sequence of random variables such that 3 P(X, = 1) = 10 P(Xn = 4) = 10 for each n E N. Consider the sequence of random variables such that 3 P(X, = 1) = 10 P(Xn = 4) = 10 for each n E N. Consider the sequence of random variables such that 3 P(X, = 1) = 10 P(Xn = 4) Do larger universities tend to have more property crime? University crime statistics are affected by a variety of factors. The surrounding community, accessibility given to outside visitors, and many ... Let IT(V, E) be a connected graph with V = n. Prove that |E| > n - 1. Exercise 3.8.36. [S] [Section 3.3] [Goal 3.1] [Goal 3.3] Taxing gasoline. The federal Calculate the purchase price of the \$1000 face value of the bond. (Assume that bond interest is paid semiannually, that the bond was originally issued... create an essay about learnings in general tax on gasoline at the end of 2011 was 18.4 cents per gallon. That hadn't changed since 1993, when gasoline cost j... Question 24 (3 points) mathematics which includes the following topics: simple and compound interest annuities stocks and bonds business and consumer loans You can focus on per... For twoeventsAandB, P(A)=0.4 and P(B)=0.2, $P(B|A)=P(A \cap B)=24.3$. Let A be a 10 x 10 random matrix with entries from the standard normal distribution, minus twice the identity. Write a program to plot "etAllg against t for 0 g t g 20 on a log scale, compa... Out of 9,700 college students surveyed, 194 responded that they do not eat breakfast? Given the production function Q = VK2L write down the isoquant through the point with K = 3 and L = 4 as a function K = f(L). (Suggestion: You may try to use the GeoGebra applet Contour Lines (HKU... y el piso, zcual seria la aceleracion que le causan Jorge e Isela a la caja? A) 2 m/s2 m 3 m/s2 C) 4 mis2 D 5 m/s2 m 3 m de fri... step by step. Richard paid a two-year subscription amount of \$445 to receive a magazine every week. After receiving 21 magazines in the second year, he cancelled his subscription. Assume that 1 year = ... 3 f(x) 24 Problem Set: D (1) State the appropriate formulae used in solving parts (i) and (ii) of this question then demonstrate the use of the formulae in finding your answers. (i) Determine how many... urgent please help. 3.85 x 102 ((1.30 x10) x (1.59×109)) For the above math problem, please choose the appropriate answer in the correct significant figures and in scientific notation. 1.9 x 10-4 1.8... Convert: 1.3 days to minutes 2.1 quart to tablespoons 3.2 weeks to hours 4.16 pounds to ounces 5. 126 inches to yards 6. Robert has 2.673 liters of soda. How many millilite... Assume x * 1 = 1:216, x * 2 = 3:654 have 3 significant figures, then find the relevant steps. 4. (Queue-length stability in wireless channels) Consider a simple model of a discrete-time wireless channel: the channel is ON with probability / and... A computing system has a single printer attached to print out the output of the users. The operating system has a single printer attached to print out the output of the users. The operating system has a single printer attached to print out the output of the users. The operating system has a single printer attached to print out the output of the users. The operating system has a single printer attached to print out the output of the users. The operating system has a single printer attached to print out the output of the users. The operating system has a single printer attached to print out the output of the users. The operating system has a single printer attached to print out the output of the users. The operating system has a single printer attached to print out the output of the users. The operating system has a single printer attached to print out the output of the users. The operating system has a single printer attached to print out the output of the users. The operating system has a single printer attached to print out the output of the users. The operating system has a single printer attached to print out the output of the users. The operating system has a single printer attached to print out the output of the users. The operating system has a single printer attached to print out the output of the users. The operating system has a single printer attached to print out the output of the users. The operating system has a
single printer attached to print out the output of the users. The operating system has a single print out the output of the users. The operating system has a single print out the output of the users. The operating system has a single print out the output of the users. The operating system has a single print out the output of the users. The operating system has a single print out the output of the users. The operating system has a single print out the output of the users. The operating system has a single print out the output of t along a straight track with constant acceleration. Three telegraph poles are set at equal intervals beside the track at p... Marla is helping to make a teddy bear. She needs - yard of grey material for an elephant. Which symbol make... Given the following two sets of cash flows: Option A: \$13,870.08 in 6 years plus \$Y in 13 years time. Option B: \$50,218.90 14 years from today. The nominal rate i(4) = 5.896% makes sense to multiply 4.6 to determine the area of a 4-foot-by-6-foot rug in square feet. (1 point) A survey of 1970 people who took trips revealed that 138 of them included a visit to a theme park. Based on those survery results, a management consultant claims that less than 8 % of trips ... In mid-201?, the number of people around the world who have access to internet is 3.9 billion users. For a YouTube video to successfully go "viral", it must exceed 5 million need help with problems d-h please!. Not Secure - abstract.ups.edu X U AATA Exercises C Which Of The Following Sets Are bra: Theory and Applications ENHANCED BY G Index < Prev A Up Nex 16.7 Exercises. The percent markup on a video game is known to be 96% based on cost. if the seller paid \$36 for one, then what would be the corresponding percent markup based on the sale price? Now we will address the problem that thousands of people encounter on daily basis. Suppose there is a box with socks in the dark room. There are socks of five different colours: black, brown, bl... Divide the following and reduce the answer to its simplest terms. - 10 5 / w 9 Answer 2 Points Need help with step by step solution. 3. (20 pts) Use the Boolean laws to simplify the Boolean expression E. inted by mselel at Nov 29, 2021 8:30:55 AM (fc38d42b99a8d30e641Ebc53d65E544) A . 0 = 0 A . 1... Please provide Handwritten answer. Problem 2: The Jacobian matrix is given by 0 0 0 ((7 - 3)u, + (7 - 1)u?) (3-y)u (1-y)u, y-1 B = of (9) = f' (9) = 2 ao - ull W x 0 (7-1\u; +u;)u, -u.H H-(y-1)u; (1-... Please give your solution in detailed explanation, thanks!. Problem #3 (15 points) - Rolling Two Dices Suppose you have two n-sided dice and you roll these twice. Determine the probability that you ge... Logarithms. Use the logrithms table to elduate the following 4 15- 36830 . 7342 Vo.7423 16. 18 of the tangent line and the normal line at the point (1,V2) eer funds ston of bears pritz... Jose has decided to pay off his \$20,000 car loan. He has been making payments of \$444.89 and has 15 months left to pay. His loan has a 12% interest rate and is to be paid off in 5 years. How much will... ~ 1 hour 0/22 QUESTION 13.1 POINT Anna's history class is easy to navigate with just four categories making up her final grade. Essays (15%), projects (30%), exams (50%), and in class participation ... The following phase portrait belong to a homogeneous SDE v' = Av. Select all the statements that are correct. | I The equilibrium point is a symptotically... Set of all orbit about the Sun, the angle 3 formed by the lines from the Sun to th... Use the following set up for question 14 - 15. In order to advertise appropriate vacation packages, a travel company would like to learn more about families planning overseas trips. In a random sample... Explain why 22.53.92 is not a prime factorization and find the prime factorization of the product. ~ 2 days QUESTION 3 . 1 POINT Leander planted 100 acres with soybeans and he plans to increase his field after 5 years? Round to the near... Math | Give the Correct Answer and Show Complete Solution: I need an MS Word file of this, uploaded to Google Drive and submit here the lin'k. Thanks. Educators have different views about the best way for children to learn their math facts. Some use drill and practice while others use hands-on discovery. Describe the three phases that children learn... 1. For the following vector fields, identify those which are conservative, and those which are not conservative. For those which are conservative, find a potential function F. For those which are ... LUMBER Amy requires 3 different substances A, B, and C, in a ratio of 5 : 3 : 4. If 30 grams of substances A, B, and C, in a ratio of 5 : 3 : 4. If 30 grams of substances A, B, and C, in a ratio of 5 : 3 : 4. If 30 grams of substances A, B, and C, in a ratio of 5 : 3 : 4. If 30 grams of substances A, B, and C, in a ratio of 5 : 3 : 4. If 30 grams of substances A, B, and C, in a ratio of 5 : 3 : 4. If 30 grams of substances A, B, and C, in a ratio of 5 : 3 : 4. If 30 grams of substances A, B, and C, in a ratio of 5 : 3 : 4. If 30 grams of substances A, B, and C, in a ratio of 5 : 3 : 4. If 30 grams of substances A, B, and C, in a ratio of 5 : 3 : 4. If 30 grams of substances A, B, and C, in a ratio of 5 : 3 : 4. If 30 grams of substances A, B, and C, in a ratio of 5 : 3 : 4. If 30 grams of substances A, B, and C, in a ratio of 5 : 3 : 4. If 30 grams of substances A, B, and C, in a ratio of 5 : 3 : 4. If 30 grams of substances A, B, and C, the characteristic vector of a matching M in G. Define P := convex hull of the characteristic vectors of all matchings in G, and P := {TERE : Zee... Select one of the scenarios, then find a similar scenario in your life. Take a photograph of it, with you (or your hand) in it. 4. Tell us about measurements you made and how you used Pythagoras' T... (1) Let A = {a, b, c} and B = {b, c, d} and C = {a, d}. Find A × B × C1 A ladder has 6 rungs on the ladder are 17 in apart and 1.5 in thick. What is the distance from the bottom of the lowest rung? 2 Find: [32/15... A small factory consists of a processing center and a testing station in series, as shown in the figure. The interval time for the rough workpiece to reach the factory obeys the exponential distrib... a) Use a dominant balancing argument to determine the epsilon orders of the results from part (a), together with the relevant perturbation methods, find the firs... (03.03 HC) No calculator is allowed for this question. A function h is dependent on x and is differentiable for all real numbers. Let f be the inverse of h. Part A: Use the derivative of inverse funct... The movement of the progress bar may be uneven because questions can be worth more or less (including zero) depending on your ansu Number of hits at a baseball tournament 30 25 1st 2nd 3rd place place... A company plans to assign six salesmen to six cities in which it operates. The estimates of sales revenue (in thousands of rupees) for each salesman, when allocated to different cities, are given in b... Can you please solve. vestion Acube of side 2 units is constructed with 5 solid faces and fopen face. It is located in a region defined by; OL XL2 OLy L2 OL ZL 2 The open face is the top surface. The ... Consider the data set. 2, 4, 6, 7, 8 (a) Find the range. (Enter an exact number.) (b) Use the defining formula to compute the sample standard deviation s . (Enter a number.) (b) Use the defining formula to compute the sample standard deviation s ... Please convert the following matlab code to python code. (Make sure the answers are the same.) %% Matlab code for Optimization problem %% Here we have to use fmincon ibuilt function for solving clear al... Use Newton Raphson's method to find the solution of the following system of nonlinear equations f 1 (x,y) = x 2 - 2y + 5 = 0 f 2 (x,y) = xMath Q1: Solve this equations by Bessel function? a : Jo(p) = cos (p cos #) de, p - 00 0 Cuanto puede retirar cada quincena 2 años la beneficiaria de un seguro de vida de \$ 450,000 si al principio los inviertes en una cuanta que produce intereses del 6.28% anual compuesto por quincena Please help with this applied math question.. In this MATH336 assignment problem, suppose be R", and A E Roxn where A? = -A (these are usually called skew-symmetric matrices). Consider the LP (P)... probability. The theoretical probability of each result is shown below: all different 2 the same all t math. 1. St is the pricof a nondividend paying stock at time t. St follows a lognormal model. You are given (i) So = 45. (ii) The continuously compounded monthly Prove that for
all integers ?n, [?/7]=(?-3)/7 if and only if ?mod7=3. Let L1 : R3 - R3 and L2: R3 - R3 be linear transformations such that: L1(\$1) = (-1, 2, 1), L2(\$1) = (0, 1, 2), L2(\$2) = (0, 1, 2), L2(\$2) = (0, -2, 2), ... i need the answer. Question 6 (5 points) The arm of a car windshield wiper is 12.75 inches long and is attached at the middle of a 15,00- inches blade. (Assume that the arm and blade are in line.) Wha... Thanks for a lot. By using change of variables, compute the area and centroid of the region $D = \{(x,y): 1 < z + y < 1\}$. KKT: Karush-Kuhn-Tucker. (a) Consider the constrained optimization problem: min x2 - y + 2xy2 + 3y3 s.t. 4x + 12y = 16 i. Show that (x, y) = (1, 1) is a KKT point for this constrained optimization pro... A university student is selecting courses for his next semester. He can choose from 10 humanities courses and 9 science courses. In how many ways can he choose 8 courses if fewer than 3 must be humani... (2) (a) Let f: [1, 2] - R and let An be the dissection {1, 1 + 1/n, 1 + 2/n, ...2}. i) Calculate In and Un, the upper and lower sums for An. ii) Find the smallest n such that Un - Ln < 0.01. iii) ... The linear regression of a student's number of minutes in studying and his score in the examination if he will study in 45 minutes? Using modified Euler's method; Find the value of y where x=1 with h=0.25 from the following equation. dy y X dx y + x with y=0 Use Castigliano's Theorem and determine the vertical displacement of point C. Each steel has cross sectional area of 1500 sq.mm 11. Use Castigliano's Theorem and determine the vertical displace... Question 12.5 pts Karen and Wayne need to buy a refrigerator because theirs just broke. Unfortunately, their savings account is depleted, and they will need to borrow money in order to buy a new on... 0/1 pt 9 2 8 Details Given f(a + 2) = Submit Question (b) Determine the conditions under which the symmetric matrix OA = 0 p where p and q are real parameters, is positive definite. (5 points) Zander's Digital World rents out DVDs. The manager observed that the weekly total number of rentals varies directly with the total inventory and varies inversely with the cost of each rental. Last wee... Jack borrows \$26,942 to pay for a car. The loan carries an annual rate of 5.1% and he wants to be debt free in 5 years by making biweekly payments (26 per year). How much interest will he pay on this ... Jake has 30 fish in his aquarium. Emi has = the number of fish that Jake has and - the number of fish that Tobin has. If the three students combined all their fish in the school's new aquarium, how ma... The gauge on the right is called a tachometer and it indicates how fast the engine is turning. Again, it is a ratio, measured in revolutions per minute (r/m) commonly shortened to rpm. On this ... Indica las coordenadas cartesianas de cada punto marcado de la vasija y dibuja la vasija ... System of Equations of Circle/Line (L1) Can you offer advice on solving this type of system for all solutions (x+1) 2 + y 2 = 85x - 2y = -6Anwer: ... Create a children story, or fairy tale,... with these math principles: Other Problem Solving with Combinations Permutations with identical objects Pascal's triangle Probability & Counting The Rule... From the complex analysis Thank you!. Find art soulation of 2 -. The reciprocal ation walk Quiz Question 1 (2 points) Convert 1/4% to a decimal. Question 1 options: 0.25 0.0025 0.0025 0.0025 Question 2 (2 points) A property has been assessed at \$225 000. The mill rate is 14.5. To find the p... Karen Gaines invested \$11,000 in a money market account with an interest rate of 2 25% co years later, Karen withdrew the full amount to put toward the down payment on a new... Please include full step-by-step solutions, including some side notes as to why you did in steps. I have been stuck on this question for a long long time and would appreciate the help. ... Solve a and b please. MHF 4UI October 5. Solve. Show all you work and calculations. a) (128 -4= (64) 2k+3 b) (3)2*-5(3 2x)-6=01 13, 4] Number theory Question.. pls show all working to this question and any explanation. Thank you - 1 hour 0/ QUESTION 11. 1 POINT The percent of families who own a dog is represented by the equation y = 1.6x - 3197.2 where x represents the year and y represents the percent of families who own a ... saan maaring gamitin ang kaalaman sa pagsasama-sama ng bilang na may 3-4 digit na wala at mayroong pagpapangkat? Please provide Handwritten answer. 4. (P21. page 107, 5pt4) Consider the following IBVP with a forcing term: for 0521 3 0. "(0.0) 1(2 0) 0. for VS. 0. basketball player scores 475 points in 25 games. a) Determine the basketball player's average scoring rate (Hint: How many points does the player score in 1 game?) b) How many games will it take... Let $\Sigma = \{a, b, c\}$. Give a PDA that recognizes language $\{a \land i b \land j c \land k \mid i <= j \land j - i = k\}$ Please give me more explanation, thank you!!. ES Assignment 4 Question paper.pdf (Hii 3/3) ~ Question 2 (20 marks) The population mean waiting time to check out in a supermarket was 10.73 minutes. Rec... a $\Sigma = \{a, b\}, L = \{s : \# a (s) = 2^n, n \ge 0, and s contains least one b\}, and the proof below attempts to show that L \notin CFLs using the CF pumping theorem. It is true that L is not context.f.$ Ryerson University - Calendar x RI my.ryerson | my.ryerson Portal x RI Pearson - QMS110-Applied N. x 3 Pearson MyLab and Mastering X Do Homework... PART 1: LOAN (Present Value Annuity) 1. Suppose you want to borrow money from a bank (either for a business or for education) and you have the option to choose a loan value between \$50,000 and \$100,00... I need 50 oz of calamari to serve 20 appetizers to 30 people. Now I am preparing appetizers to 30 people. Now I am preparing appetizers to 30 people. Now I am preparing appetizers to 30 people. the graph of a derivative function, f'(x). Choose which of the following graphs could be the graph of the function f(x). Justify... Matthew know that a particular species of bacterium will grow at a rate proportional to the number of bacteria present. Sir i am stuck for this question with complete explanation. Suppose that g is a function of two independent variables that has continuous partial derivatives, and consider the points P(14, 10), Q(2, 1... Using diaries for many weeks, a study on the lifestyle variables including how many hours of sleep were obtained... please help this mathematical analysis with clear explanation and also clear steps, thank you so much. 4 Show that for every tERR, there is a strictly increasing sequence of irrational numbers to, tz,... Quarterly payments are to be made against a \$47,500 loan at 5.95% compounded annually with a six-year amortization. 25 marks (5 for each part) a. What is the size of the quart... F e Basie challenge: Determine the value of the integral, I = J; fix} I1): = base it eve. height Given a test function: here let flit] = 1!): Given the limits of integral, I = J; fix} I1): = base it eve. height Given a test function: here let flit] = 1!): Given the limits of integral, I = J; fix} I1): = base it eve. height Given a test function: here let flit] = 1!): Given the limits of integral, I = J; fix} I1): = base it eve. height Given a test function: here let flit] = 1!): Given the limits of integral, I = J; fix} I1): = base it eve. height Given a test function: here let flit] = 1!): Given the limits of integral, I = J; fix} I1): = base it eve. height Given a test function: here let flit] = 1!): Given the limits of integral, I = J; fix} I1): = base it eve. height Given a test function: here let flit] = 1!): Given the limits of integral, I = J; fix} I1): = base it eve. height Given a test function: here let flit] = 1!): Given the limits of integral, I = J; fix} I1): = base it eve. height Given a test function: here let flit] = 1!): Given the limits of integral, I = J; fix} I1): = base it eve. height Given a test function: here let flit] = 1!): Given the limits of integral, I = J; fix} I1): = base it eve. height Given a test function: here let flit] = 1!): Given the limits of integral, I = J; fix} I1): = base it eve. height Given a test function: here let flit] = 1!): Given the limits of integral, I = J; fix} I1): = base it eve. height Given a test function: here let flit] = 1!): Given the limits of integral, I = J; fix} I1): = base it eve. height Given a test function: here let flit] = 1!): Given the limits of integral, I = J; fix} I1): = base it eve. height Given a test function: here let flit] = 1!): Given the limits of integral, I = J; fix} I1]: = base it eve. height Given a test function: here let flit] = 1! 3/14 - 5/11 Please answer all parts to the following question! I will upvote!. 2. Expand (1 + x)" using Newton's binomial formula to show the identity OR + On + ... + On 72 = 2", where Ck stands for the... Use Gauss-Jordan row reduction to solve the given systems of equation 2. The Enormous State University History Department offers three courses, Ancient, Medieval, and Modern History, and the ... Question 3 [15 marks in total] (SF) A software engineer coded a program with two parts but the parts may contain errors) of his c... Suppose p is true, q is false, and r is true, find the truth value of ~ q v(r ^ p). You do not need to make truth table. Question 5 Solve the wave equation problem on a 2-meter long string described by: CUxx = Ull, 0 < x < 2, 120 u (0, 1) = 0, u(2,1) = 0, 120 w (x, 0) = 1 - (x - 1)2, $u_1(x, 0) = 1$, 0 < x < 2, 120 u (0, 1) = 0, u(2,1) = 0, u(future value formula for simple interest to determine the effective an... Sir i am stuck for this question only part 3. Part 2. (Up to 4 points) Explain in your own words what cach parameter A, B, w, and is in the sinusoidal model: f(t) = Asin(wt - \$) + B - Your description... Give what is ask in each item. Thank you!. Pre-Test A. Read and reflect on each item. Answer the questions briefly. 1. What
is Mathematics? Site an instance that you use any concept of mathematics. Ho... Let X be a set. For each A C X, define XA : X - {0, 1} by 1, xEA, XA (X) = 10, x E A. Prove the following: (a) If A, BCX, then XX-A = 1 -XA. (c) If A, BCX, then XA + XB ... Question 8 0/1 pt 9 3 29 @ Details Let f(x) = 2x + 20. Then the equation of the tangent line to the graph of f(x) at the point (2, 9) is given by y = mx + b for m = and h Submit Question 4 0... Please answer. Provide solution if possible. PART 1. PART 2... For items 1-7, refer to the graph of a rational function below. 1. What is the horizontal asymptote? a. y = 0 b. y = 0 b NIW C. y = -4 d. y ... Question 1 1 pts Which of the following is the correct excel formula to find the total loan from a bank that has a payment of \$90 each month for a 1.05% APR that lasts for 6 years? Many times we think of winter as a hindrance to our modes of transportation, but it is not the case for many First Nations communities in Northern li.'.'intario. Many settlements are only accessible... You want to know what percent profit your business is making. The average expenses for the business each month are \$1,389. What is the ... Let the relation R on (1,2,3) be given by the following table: R 1 2 3 1 X 2 X 3 X Which elements need to be added to make R reflexive? Check all that are required, and only those. 0 (1,1) (3,3) O) No... You have a credit card that carries an APR of 19.99% and has a balance of \$2500. If both of you send monthly payment... 9) The flight of one type of rocket at the Symphony of Fire is described by the function: h = -4.9(t - 5) + 124, where h is the height of the rocket, in meters, and t is the time, in seconds, since th... Q9. Consider the Functional integral B I z dx it 4 12 where y' = dy and the dx A boundary points A L B are A : (x, y) = (-1, 1) B : (x, y) = (1, 1) B : (x, y) = (1, 1) B : (x, y) = (1, 1) B : (x, y) = (-1, 1) The curv... Translate the phrase or sentence into a mathematical equation and solve. -Four more than nine times a number is sixteen less than five times the same number. -A number less the opposite of negative ... thanks a lot. Question 4 (15 points) Any point (z, y, z) in the three-dimensional space can be described by the spherical co- ordinates in the following way: x = psin() cos(0) y = psin(p) sin(8) = = ... Consider the following linear program: max 2121 + £62 9313932613 121 - .592 g 1 (4) . \$1 + \$2 g 5 \$1 a \$2 2 0 (a) Make a figure that illustrates the feasible set in ... 03] Four cargo ships will he used for shipping goods from one port to four other ports {labeled 1, 2, 3, 4}. Any ship can be used for making an}, r one of these four trips. However, because of differen... Sir i am stuck for this question . (5 points) Solve the following initial value problem, (12 - 14t + 33) = ywith y(7) = 1. $y(t) = 1/(((t-3)/(t-11))^{n}(1/8))$ with value range <t< Det... Let A > 0 and > > 0 be given, where n = Oh, for 0 < 0 < 1. Let f be some smooth function. Use Taylor expansions for f(x + h) and f(x - 7) in terms of f and its derivatives at r in or... please help me with question b ii. 2. The diagram shows two triangles, ABD and BCD. 4 cm 110 12 em 1 650 6 em (a) Calculate Hitung (i) the length... sole please. Let R be a region bounded by a piecewise smooth closed surface S with utward unit normal n = nr i+ ny j + nz k. et u, v : R - R be continuously differentiable. Show that av dV = U dv + uv... In Sheet1 , enter the last six digits of your student number (in the yellow highlighted cell). Make sure you have one sheet only. Label (rename) it as follows: Sheet1 : Investment Project Step 2: C... What is the accumulated value of periodic deposits of \$40 at the beginning of every quarter for 22 years if the interest rate is 3.99% compounded quarterly? \$0.00 Round to the nearest cent A youth sports league held various fundraisers. They received \$490 from a car wash, \$229 from a bake sale, and \$441 from a used equipment sale. The league decides to invest this money in a 5 year CD t... Boat A is 5 km. The regi... answer this thankyou!. Direction. Answer the following: Finds the roots of equations using required relative error k < 0.001 1. Do three iterations (by hand) of the bisection method, applied to f (... Calculate the amount of th following annuity; a regular deposit of \$1000 at the end of each month for 6years at 3% compounded monthly. 2. (a) Determine the monthly payment on a car loan of \$24,0... Help needed understanding these problems. . Question 5 . Question 5 . Question 10 . Question 9 A sample of size n = IU Is drawn from a population. The data is shown below. Identify the hist... Measure the angles of the following triangle (Fig. 1.1) using Pythagorean theorem. Record the significant figures and the units. Q910 -MMA Letters You may use your own notes. online to solve the number of ways a given word may be arranged. Remember, the wo have to make any sense. 1 20 points How may ways can we arran... QUESTION 1 . 1 POINT There are 3,000 dogs in Mishtook County with a population of 150,000. Calculate the dogs per capita. Provide your answer below: Can you assist?. Shannon received an excellent interest rate for her loan of \$12,000.00. Calculate the nominal interest rate of her loan if it accumulated to \$13,335.75 in 8 years and interest is ... 6) Electronics store 1 22 34 16 Store 2 14 St 40 20 If sales goa... answer please. Question 14 (1 point) Simplify: x - 0.32x Answer bottom portion and explain briefly the formula.. hrome File Edit View History Bookmarks Profiles Tab Window Help MNO 95% O Do Homework - Section 2.2 Homework: Weighted Averages mathxl.com/Stude... Please answer . Indicate where the given set is located on the figure below by clicking the boxes within regions that should be shaded. (Select all that apply.) ACUBCUC fiVA discrete Mathematics(MA 161 USP). Write the logical form of the following argument and use truthfrable to verify its validity "Raj plays soccer only If he is fit or he has soccer boots. Raj is no... Your company obtains a score of 105 out of 115 on a customer satisfaction survey What was the percentage score obtained on the survey by the company please show the work. Suppose the true value of the response variable is 200 when x1 is 5 and x2 is 8. Calc... Please provide your explaination. L Exercise-4:-Computing-the-derivatives-of the functions-below. $V(x)=1+2x-3\times 2$ V(x)=?e $F(x)=3X+2\times 3+4$ - F'(x)=?e H(x)=40000- H'(x)=?e H(x)=4000- H'(x)=?e H(x)=4000- H'(x)=800- H'(x)=1000- H'(x)=800- H'(x)=1000- H10.4% compounded quarterly in order to have Php350,000 in a fund 9 years and 6 months from now? 1. What is the per... Answer True or False. (4 marks) a) Sierra claims that sin 45 + sin 30 = sin 750 b) Sloan says sin'x + cosex is the same as (sin x)' + (cos x). c) When solving quadratic trig equations, there is onl... Please help me solve this question:. 7. Let O be the origin and A, B, C be points in R3 such that OA = itj+4k OB= i+2k OC =-i+2j+k Suppose P is the plane passing through O, A, B. (a) Find a non-zero v... The data file, Plastic Surgery Sales, contains data on 100 individuals receiving plastic surgery. Contained in the datafile is an indicator of whether the patient self-identifies as female (Female=1... Constructing Conics Okay, so now you are going to use some stuff that you probably have in your home to make some conic shapes and explore each type a little further. You will need some type of paper ... (a) Examine the linear independence and orthogonality of the three vectors, uj, U2, U3 E RS, where U1 (5 points) (a) Consider the matrix -1 0 A = 1 -2 2 3 -3 Examine whether the homogeneous set A . x ... Consider a 2-class classification task in the 2-dimensional space, where the data in both classes wj, w2 are distributed according to Gaussian distributed ac question: Do you have pornography in your room? You used the one-coin method described in this section, and 84 people answered "yes." Estimate... question 1: The formula for the conditional probability is P(A|B)=P(AandB)/P(B) If we solve it for P(A and B). We obtain: $P(A \text{ and } B) = [1] \times P... Can you explain this problem$ Suppose a fictitious, pure-exchange economy is composed only of books (B) and food (F). The only two traders in t... (a) Is Bluetooth considered a short- or long-range communication tool? Explain. (b) When two digital devices communicate using Bluetooth, they use spread-spectrum frequency hopping. What is this, a... Exercise 5 (10 points (BT 4.28, extra credit)) Let a and a1, ..., am be given vectors in R". Prove that the following two statements are equivalent. a For all x 2 0, we have a x _ maxi a, X. b) T... p- q 15) (16 points) Use a truth table to determine whether the argument is valid: ~ q . Be sure to ~ p label the columns! P T T T F F T F F Level of Confidence c Critical Value Z 0.70 or 70% 1.04 0.75, or 75% 1.15 0.80, or 80% 1.28 0.85, or 85% 1.44 0.90, or 90% 1.645 0.95, or 95% 1.96 0.98, or 98% 2.33 0.99, or 99% 2.58 20.95 = 196 Furt... An airplane has 210 seats. The prices for full-fare and discounted tickets are respectively \$250 and \$140. The demand for full-fare customers is distributed uniformly (and inclusively) between 20 and ... 1) Draw the network representation of the following network flow problem. The network should be represented with nodes and links (or connections) between them with values (in numbers) to every node an... The on the left showed a fracture line on the x-ray. a. ischium b. ischia c. ischiums d. ischias ADD THE FRACTIONS AND REDUCE TO LOWEST TERMS 5/12 + 22/30+ 14/15 = ? Explain why it would be easy to interpret the drawing in Figure 5.6 A drawing for 4 . 3... The linear equations are solved by row elementary transformation on augmented matrix 2 x, +* +* = 1 4x, +3x, +5x, = 1 6x, $+5\times2 +5\times3 = -3$ After the row elimination of the second step, the augmented ma... please help with part b and c. thanks. 10. Consider the weighted
L2 norm 1I f llw, 2 = V(f, f)w. (16... b. 812812 Base: Exponent: c. 511511 Base: Exponent: 2. Evaluate the expressions: a. 2+12=2+12= b. 53-32=53-32= c. $105-42\times2=3$. Evaluate the expressions: ... Thank you for solving this. Find all the local maximum and minimum points of the function f(x, y) = 23 - 893 - 202y + 4xy2 - 4x+8y. NAME AND GIVE FUNCTIONS OF THE THREE WINDOWS CTRL BUTTONS Hi, I am in difficulty when I kept trying to do these questions. Could you give me a help to solve these questions. Could you give me a help to solve these questions. Could you give me a help to solve these questions. Could you give me a help to solve these questions. Could you give me a help to solve these questions. Could you give me a help to solve these questions. involved... Given the CSG representation of an object S as shown below. ... Question 1 (24 marks) A human-computer interaction (HCI) researcher was interested in examining whether humans are better able to use a joystick or a mouse to point a computer cursor. She therefore co... Sir i am stuck for this question no 4: The differential equation is given: 31" + 3x y" - 8xy' = 0 for x > 0. Find the solution y (x) of the differential equation that additiona... (2). (15 points) Given a subspace V of RA spanned by a vector set S, that is V = span(S), where S = { (1, 2, 1, 2), (3, 6, 0, 3), (4, 8, 5, 9) } (a). Find homogeneous equations whose solution space is... can anyone solve this?. Test #3 Simple Interest 1. CentSmart Inc. deposited \$83 215 into an account that had a simple interest rate of 2.3% on February 27th, 2015. On New Year's Eve, how much interest... A man bought an equipment costing P60,000 payable in 12 quarterly payments, each installment payable at the beginning of each period. The rate of interest is 24% compounded quarterly. What is the amou... Pizza had orders for \$790.00 of pizzas. The prices were \$17 for a large pizza, and \$11 for a small pizza, and \$11 for a small pizza, and \$11 for a small pizza. The number of large pizzas was one less than three times the number of ... QUESTION 9 9.1 What is meant by a problem-centred approach in the teaching and learning of mathematics? What role is played by the teacher in this kind of approach? (7) 9.2 Consider the following chic... [-/2 Points] DETAILS TANAPCALCBR10 3.6.060. MY NOTES ASK YOUR TEAC Blowing air into a spherical soap bubble at the rate of 5 cm/sec. How fast is the radius of the bub... This is for Discrete Structures, thank you in advance.. Question 4 16 pts Three people are participating in a race, with each participant equally likely to either finish the race or drop out of the ra... - 3 QUESTION 1 . 1 POINT Sarah will ship packages for anyone. She charges \$4 for her services and then \$3.50 per item. What is the y-intercept? (Do not include \$ in your answer) Provide your answer be... #11 Order the numbers 0.48, 7/16,38/80, and 5/10 from least to greatest. (Enter your answers as a comma-separated list) Maths. Name: Navjot Date: 2021-11-28 Question 1 [6 points] Apex Consulting has decided to purchase products with a list price of \$710.40 and a trade discount amounting to \$319.68. a) What is th... Sam Longot Date: 2021-11-28 Question 1 [6 points] Apex Consulting has decided to purchase products with a list price of \$710.40 and a trade discount amounting to \$319.68. a) What is th... Sam Longot Date: 2021-11-28 Question 1 [6 points] Apex Consulting has decided to purchase products with a list price of \$710.40 and a trade discount amounting to \$319.68. a) What is th... Sam Longot Date: 2021-11-28 Question 1 [6 points] Apex Consulting has decided to purchase products with a list price of \$710.40 and a trade discount amounting to \$319.68. a) What is th... Sam Longot Date: 2021-11-28 Question 1 [6 points] Apex Consulting has decided to purchase products with a list price of \$710.40 and a trade discount amounting to \$319.68. a) What is th... Sam Longot Date: 2021-11-28 Question 1 [6 points] Apex Consulting has decided to purchase products with a list price of \$710.40 and a trade discount amounting to \$319.68. a) What is th... Sam Longot Date: 2021-11-28 Question 1 [6 points] Apex Consulting has decided to purchase products with a list price of \$710.40 and a trade discount amounting to \$319.68. a) What is th... Sam Longot Date: 2021-11-28 Question 1 [6 points] Apex Consulting has decided to purchase products with a list price of \$710.40 and a trade discount amounting to \$319.68. a) What is th... Sam Longot Date: 2021-11-28 Question 1 [6 points] Apex Consulting has decided to purchase products with a list price of \$710.40 and a trade discount amount at the set of \$710.40 and \$7 anticipates he will need approximately \$226,300 in 10 years to cover his 3-year-old daughter's college bills for a 4-year degree How much would he have to invest today at an interest rate of ... how do I slove?. Instructions: Drag the following fractions in order from greatest to least. a. 7 5 2 10 10 10 b. C. VIA d. UIIN Created by: Linda Pascal this is the question. (a) In a pencil case, there are 8 2B pencils, 15 colour pencils and 2 HB pencils. If 8 pencils are randomly selected from the pencil case with replacement, find the probability t... What mathematical aspect can be use in solving salary variation or how to apply mathematics in salary variation please assist. for manufacturing a particular product can be approximated by 3 L(s;y]: 51:2 +1:1 - 83 - 5y - 2\$y + 222 where z is the number of hours requir... (Conc.1)(Vol.1) = (Conc.2)(Vol.2) (.08)(x, gallons) = (.07)(200 gallons) (x, gallons) = (.07)(20 rounded to the nearest. ty 1 each number to the nearest place value indicated. Rounded to the nearest Number Thousands 1-2. 38 850 3-4. 42 098 5-6. 59 319 -8 87 274 Directions: Read the problem carefully and solve what is being asked using the simple interest formula. 1. Find the interest and amount on P5,000 at 6% simple interest for 5 years? 2 How long will it ... Imagine that you observe several children playing tic-tac-toe, watching, say, several hundred thousand games. Now try and build a Markov model describing the evolution of a typical game. What sort of ... The power series for the exponential function is (a) e-10 is around 4.5 . 10 , so we should have full 15decimal accuracy if we add the series until the terms get smaller than 10 20. How large do y... mathematics economic and business. Q)4. The demand function for laptop bags is given by the equation P = 3000 - 0.6Q) (a) Plot the demand function for laptop bags is given by the equation P = 3000 - 0.6Q) (a) Plot the demand function. employed. Question 6 The country of Mona includes an adult population of 75,000 people. Of those, 58,000 are working full time and another 7,000 work part-t... DE DONDE CONSIGIO LOS LINK NECESITO PARA ESA TAREA QUESTION 8 List all subsets or determine the number of subsets of (1. 2 3. 6) A. 60 B. 64 C. 128 D. 16 Consumer's / Producer's Surplus: Given the demand function D(x) = (x -12) 3. Continuous Money Flow Account: Suppose a continuous Money Flow Account: Suppose a continuous Money Flow Account: Suppose a continuous money flow account is set up where \$2500 is deposited annually for 10... Panuto: Gamit ang mapa ng Asya. Gamit ang mapa ng Asya hangganan ng Pilipinas mula sa kalupaan nito, Isulat sa kwaderno ang sagot. ISKALA - 1... Please help with the following, this is for Discrete Structures 1. Thank you.. Question 10 2 pts Let S = {a, b, c, d} and T = {x, y, z}. There is a function from S to T that is one-to-one. O True O Fal... 1109 G. 1.4 m D 1.0m 2.7 m 250 30 9 The dumpster D of the truck has a mass of 2100 kg and its center of gravity is at G. The dumpster is supported by a pin at A and a pin-connected hydraulic cylind... 1) Write the truth table for the propositions below and determine whether it is a tautology or contradiction. a).[[Not]p([Or]([Not]p)[[And])[[Not]p)[[And]]([Not]p)[[And])[[And]]([Not]p)[[And])[[And]]([Not]p)[[And])[[And]]([And])[[And])[[And]]([And])[[And])[[And]]([And])[[And])[[And]]([And])[[And])[[And]]([And])[[And])[[And]]([And])[[And])[[And]]([And])[[And])[[And]]([And])[[And])[[And]]([And])[[And])[[And])[[And]]([And])[[And])[[And])[[And]]([And])[[And])[[And])[[And]]([And])[[And])[[And])[[And])[[And]]([And])[[An 1 Owen sells mutual funds on a graduated commission structure. He receives 2.4% on the first \$70,000 of sales in a month, 3.2% on the next \$70,000, and 4.1% on all further sales.... pls help me. On your own paper, perform the subtraction problen in Mayan showing all steps. Take a picture of your work and
upload it. Question Help: Message instructor Question 4 C 0/1 pt 9 3 99 0 De... Please!. Va... Lab Activity ... https:/ 22 Adjusting the window 20 8. Complete the table for -x + 20 = y 18 - 16 14 X y Ordered Pair 12 4 10 10 20 Graph the ordered pairs. Draw a line through the poin... here's my question, please provide an explanation. 7. Let g : (-27, 27) - R be differentiable on its domain. Given that g'(-7) = -10 and g'(7) = 10, prove that f(X) is defined for all real numbers and f(x) > 100, then f(x) rationalizing the denominator for the expressio... Tutorial Exercise Allen's hummingbird (Selasphorus sasin) has been studied by zoologist Bill Alther. Suppose a small group of 19 Allen's hummingbirds has been under study in Arizona. The average weigh... write a word problem proportion about this relationship between x and y Let C = -2 Verify that C2 = C holds. Find the eigenvalues and eigenvectors of C. [12] need help with this. Question 9 (2 points) Which table of values models a quadratic relation? How do you know? b) 2 3 4 2 3 C 0.5 2 8 32 128 C 0.5 5.5 20.5 45.5 80.5 H A En el hospital A se encuentran 200 mujeres en la sala de maternidad a punto de dar a luz, en otro hospital llámese B, se encuentra la misma cantidad de mujeres en situación análoga. El hospital la... Suppose that a decision maker faced with two decision alternatives (d1 and d2), and two states of nature (s1, s2 and s3) develops the following profit payoff table: \$880 earn \$170 in interest in 3 years? Select one: a. 4.8% b. 5.9% c. 4.2% d. 6.4%. Let time t = 0 correSpond to 6 A.M., and suppose that the arrival rate (in arrivals per hour) of customers to a breakfast restaurant that is open fiom 6 to 9 AM. is 30. D s t < 1 A(t)={45, ist... Allocate 25 seats for five states whose populations are 12576, 13146, 14105 13578, and 12986 respectively using 1. The Hamilton Method 2. The Adams Method 3. The Huntington Hill Method explain this more........... I don't get how to do the last part of the equation... I know how it got there but how does it come to 0.4845 c) The revenue of the hotel is \$300 per x, and \$100 per (15 ... Gabriela has an apartment that costs) 30% of her monthly budget, which is 3,575. what is the amount of money she has leftover for other monthly expenses after she has paid rent The following table provides descriptives analysis from SPSS. Interpret the Standard error and 95% confidence interval for the variable satisfaction (X12). Descriptives Statistic Std. Error... please help Select the correct loops to simplify the given function in POS (product of sums) form: Note: To select loops that wrap around the edges of the table, you must select both sections that ... I have to write a word problem for the following equation: x + 3x + 4 = 56. I'm trying to figure out what the best situation would be but when you solve it, 3x becomes 4x so I'm not sure if I should s... Remember to explain your reasoning. . webassign.net/web/Student/Assignment-Responses/last?dep=27416895 ATI liberty Dashboard Learn - Study Mater... Orbund Shadowhealth Q Schedule Appointm. Your best ... Paano sumulat ng Isang suring basa batay sa Isang mitolohiyang nabasa Formulate a mixed integer linear programming model for the company, including decisions on procure- ment, production, transportation, storage and sales (use only continuous and binary variables). T... A ceiling is 12 ft by 3 ft suspension panels are needed to cover the ceiling HW - Sequences & Series Problem 1: The first term of an arithmetic sequence is equal to 6 and the common difference is equal to 3. Find a formula for the n th term and the value of the 50 th te... * 19. The liquid in a car's radiator is 75% water and 25% antifreeze. Suppose that 30% of the radiator's liquid is drained out and replaced with pure anti- freeze. What percent of the radiator's liquid. [-/2 Points] DETAILS BBUNDERSTAT 12 6.3.071.MI. Assume that x has a normal distribution with the specified mean and standard deviation. Find the indicated probability (Round your answer to four de... I need help. Find the time it would take for the general level of prices in the economy to double at an average annual inflation rate of 6%. The doubling time is about years. (Round to the nearest yea... Explain in details.. The results of an election with two candidates are shown below. X, Y, Z Prafar Candidate A LL 3:, W Prafar Candidate B Suppose that votes are counted using the following crit.... C] Does the composition of functions display the commutative property? Give an example of each case to illustrate your answer. A(n) matrix is a node-by-node grid of US and 1S, where a 1 in a particular cell means put an edge here and an U means these nodes are unconnected. Group of answer choices adjacency corre... Hi can you help me solve these questions. Rocco and Hill are two keelas sitting at the top of two eucalyptus trees, which are located 10 m apart, as shmn. Rocco's tree is exactly half as tall as Bil... The tooic is Inferential Statistics General Instructions: All computations must be round-off to 4 decimal places regardless of the specific rule. (Follow the instructions to avoid mistakes.) Quest... Show solutions. Question 4 The dose of Amoxicillin in the cat is typically 22 mg/kg PO q8h (22 mg for every kg, by mouth every 8 hours). Fluffy, a16 pound hairless Sphinx cat, will require this medica... You put one ear on a steel railroad track while your friend a distance of 400 m away taps on the rail with a stone. You will hear the sound through the steel rail in _ and through the air wher... Question Find the equation of the line with slope -2 which goes through the point (7, -1). Give your answer in slope-intercept form y = m + 6. Provide your answer below: find value of x. estion 14 e two triangles below are similar. Find the value of ecimal answers are okay. 12 18 X Suppose you're packing for a vacation (remember those?), and you own five bathing suits but you only have space in your bag for two. In how many ways can you choose the ones you'll pack? * Assume S is a recursively defined by the following properties: 1ES n ES - 5n ES n ES - n2 ES need Answers. 18. If a car travelling 80.0mph travels a certain distance in 4.75hrs, how ling will a car travelling 60.0mph take to travel the same distance? 19. If a car travelling 60.0mph take to travel the same distance? 19. If a car travelling 80.0mph travels a certain distance in 4.75hrs, how ling will a car travelling 60.0mph take to travel the same distance? 19. If a car travelling 60.0mph take to travel the same distance? 19. If a car travelling 80.0mph travels a certain distance in 4.75hrs, how ling will a car travelling 60.0mph take to travel the same distance? electrically heated to maintain the inside temperature at ZZDC, when it is ?"C o..., Let X be a finite set. We say that a collection of 33(X) if... [-/1 Points] DETAILS CRAUDOL3 4.4.TB.054. MY NOTES ASK YOUR TEACHER You have a balance of \$15,000 for your tuition on your American Express credit card. If your APR is 21%, you make no further char... meet the total design power output of 2 MW for a steady-state operation (5% difference in mass flow rate of turbines is allowed); Use component or analytical methods. Express your answer in correct no. of significant figures. 1. F = 15 N, 90 CCW from E G = 30 N, 120' CCW from E H = 45 N, 245" CCW from E 2. 1 = 35 m/s, NE J = ... where does these go can u pls help me. Identify the terms, coefficients, and constants in the expression. g + 12 + 9g Term(S) Coefficient(s) Constant(S): 9g :: 9 : g :: 12 #: g, 12, 9g :: 1, 9 :: 1, 9, 1... Thanks for helping this. Question 4 (10 points) By using polar coordinates, compute the area of the region S (inside the right circle) T = $2 \cos(0) r = 1.2$ Find the unit tangent vector T (t) at the point t = 0 T(0) = < > Suppose you want to compare the average calories in popular pies from United States, Great Britain, and Scotland. Complete the following one way ANOVA test used to determine if there is any evidence t... Set the number of factors in the denominator to 3 by clicking the +. Then adjust the roots to 1 graph y = 1 x(x - 3) x + 4) How does this graph compare to the graph of y = (x - 3)x+4) Data Frequency Percentage Nike 10 37.04 Zara 4 14.81 Louis Vuitton 4 14.82 Adidas 7 25.93 Other 2 7.41 What is the mode of these data? 4 What percentage, i.... A manufacturing company sells high-quality wireless headphones through a chain of specialty shops. The demand equation for these headphones is: P =400- 500 where P is the selling price {in \$ per u... Usted tiene dos grupos de objetos muy diferentes, 10 en el primer grupo y ocho en el segundo. Si selecciona un objeto de cada grupo, ¿cuántos pares diferentes, 10 en el primer grupo y ocho en el segundo. Si selecciona un objeto de cada grupo, ¿cuántos pares diferentes puede formar? Examples of Mathematical Treasure Hunt with clues and solution Sir i am stuck for this question with neat explanation. Analyse and Model engineering situations using a range of Mathematical methods. (A) Rewrite the following equations and identify whether polyno... 7.9 Exercises for Chapter 7 333 9. Consider the diffusive exponential growth model with an initial point source, ON = DON a2 + IN. . ER, IE (0, 00), N (0, x) = Nod(x), KER. (a) Show that the solution ... Consider the following argument Some functions are bounded, but not continuous. No funny functions are bounded. a. Translate this argument into symbols b... solve it kindly. PLOD Use the 3-steps format given in the 4 6. kel VK3 + 4 The TFR in Japan in 2014 was about 1.4. What would you estimate the NRR to be? What assumptions did you make? This lesson will help you to become more practical through considering your financial situation before involving yourself with any type of investments or loans. It is important to know the amount that... I'm having trouble with question 2.. a. -VX + 3-6 2. Determine the domain of f(x) -k = -avh - x a. x < -a b. xsh c. x
Sa d. x > h 3. Given the graph f(x) = =x - 5, the inverse function of f(x) c... Business Math - Give the Correct Answer and Show Complete Solution. (See comments also. Thanks) Find the present value and amount of an annuity of P2,500 payable at the beginning of each 3 months whos... This is one of those times when the real world, meets math. Could you help me figure out a solution that makes sense. I am working on a new membership model that allows members to build their membership model that allows m Find the percentage for ea... how your drawings help you sor 4. Which of the following are word problems for 4.1 = ?, and which are not? Explain your answer in each case. a. of the children in a class have black hair. ? have cur... { \left(\dfrac{1}{4} = 9 {a} Find the matrix A such that E = AE, where E is the coefficient vector for aft} = e''{:rl cos[2t] + 1': siuffltj] and i is the coefficient vector for u'(t) = e *{y1 cos[2t] + y; sinflf]... Using a financial calculator, calculate the value of 1554 to the power of 15 The value is approximately (Round to six decimal places as needed.) Q1- Anthony deposits \$376.00 every month into his son's RESP for the next seven years until his son goes to college. Anthony's son will receive quarterly payments from the RESP for the four years he i... what company are you working for ? completely the table (15 pts) (use Python) We discussed Gaussian quadrature as a method for approximationg definite integrals. Recall that we used the zeros (roots) of the Legendre polynomials for the nodes. One can ex... business mathematics. Question 21 (4 points) A vehicle sales, used vehicle sales, use per unit length of 4.02 grams/metre. Use single precision in your answer. A wave ha... business mathematics. Question 17 (1 point) Which of the following is an NOT example of Variable Cost? Commission on Salary OOO Electricity for factory Copper Raw Material what would be the repetitive nearest neighbor algorithm for the solving of traveling salesman problem We want to know how to make consistent monthly payments to pay off a \$15,000 auto loan over four years. The bank charges an interest rate of 9% annually. What values would we substitute into the selec... D Question 22 3.03 pts Write a matrix to display the information. Factory A makes 10 model-A, 7 model-D, and 7 model-M train sets. Factory B makes 8 model-A, 5 model-D, and 8 model-M train sets. If mo... Show Intro/Instru Use the information in the pie chart to answer the questions below. Cal Poly Enrollment for Fall 2004 Business 3 20 Engineering Architecture & Environmental Design 10 NNN Liberal... Please show full work and explanation for all answers You are planning to purchase a house that will require some renovations. 1. You will have a \$350,000 mortgage for 30 years at the rate of 2.... For matrices A = $[1 4 - 1] [2 0 6] B = [2 5] [1 0] [-3 - 1] C = [-5 4 - 3] [10 - 7 6] [8 - 6 5] Find (a) 2A + B^T (2 marks) (b) AB (2 marks) (c) C^- 1 (4 marks) Question 1 C 0/1 pt 5 3 28 Details If 5x + 2x + xy = 1 and$ y(1) = - 6, find y' (1) by implicit differentiation. Round to two decimal places. Submit Question 2 0/1 pt 9 3 29 @ Details If + 25 ... Can anyone just help with part (e)? The hint in the pack of the book suggests differentiating the expression P and then integrating by parts handwritten and clear please...o cutting..readable... scanned image.... Q1: Using a suitable Fourier series expansion, for 0 < t < *, Show that; (1 + sin 5 53 1×3 sint + sin 3t + - - 3×35 8 ... What number system appropriate for its use in the issue discussed in video? (4pts) 3. If the number system. Earlier this year, the Houston City Council voted to increase the water bills for Houston residents. Please read the article and view the news clip . Article: 2, n = 4 a1 = 7, r = 6, n = 3 a1 = 15, r = 6, n = 3 a1 = 12, r = 12, 1,400 1,200 1,000 800 Distance (miles) 600 400 200 0 0 4 8 12 Time (hrs) Distance vs T... Sir i am stuck for this question . 2. Application of brakes according to time t is given by V = 10e-kt where k is a friction... . 92 . Prove by mathematical induction that 4 /2 ") + 3 is a solution to the recurrence relation Sn = 25n_-3 for I with the initial condition So = 7 Please help with the following, it is for my discrete structures class. Thank you in advance. Question 14 4 pts For the binary relation S = (({1, 2, 3, 4, 5, 6, 7, 8, 9}) and ApB - |A| # |B| pick all... Convert to 10-bit float representation: 400 Type the answer without space Convert the 10-bit representation to decimal. Give an exact value: notation Please show all work!. Let X. Y be sets and f: X - Y be a function. Define Idx : X - X by Idx (x) def = x. Prove the following are equivalent: (a) There exists a function g: f(X) -> X such that go... Question One a) Show that X - (YnZ) = (X - Y) U (X - Z) and that Xn Y E XU Y b) The research team at the information and communications University carried out a research to understand learning prefere... Para C (x) = -3x + 580x + 970, determine la funcion costo marginal Assume that x has a normal distribution with the specified mean and standard deviation. LA USE SALT U = 6; 0 = 2 P(5 < x < 8) = Need Help? Read It Watch It Master It Communication 1. True or False: If triangle ABC is similar to triangle DEF, then the following is true: [2 marks] AB AC DF DE EF BC 2. True or False: In a right angled triangle, if one side of the tri... Topic: Inductive and Deductive Reasoning Note: 8-21 questions only . EXERCISE SET 8. Number of Routes Use the map in Exercise 7 to Use Polya's four-step problem-solving strategy and the answer each o... Solve clearly.. Question 13 (0,25 points) b. Determine the marginal probability distribution for X. Question 15 (0,25 points) b. Determine the marginal probability distribution for X. Question 15 (0,25 points) b. Determine the marginal probability distribution for X. Question 14 (0,25 points) b. Determine the marginal probability distribution for X. Question 15 (0,25 points) b. Determine the marginal probability distribution for X. Question 14 (0,25 points) b. Determine the marginal probability distribution for X. Question 15 (0,25 points) b. Determine the marginal probability distribution for X. Question 15 (0,25 points) b. Determine the marginal probability distribution for X. Question 15 (0,25 points) b. Determine the marginal probability distribution for X. Question 15 (0,25 points) b. Determine the marginal probability distribution for X. Question 15 (0,25 points) b. Determine the marginal probability distribution for X. Question 15 (0,25 points) b. Determine the marginal probability distribution for X. Question 15 (0,25 points) b. Determine the marginal probability distribution for X. Question 15 (0,25 points) b. Determine the marginal probability distribution for X. Question 15 (0,25 points) b. Determine the marginal probability distribution for X. Question 15 (0,25 points) b. Determine the marginal probability distribution for X. Question 15 (0,25 points) b. Determine the marginal probability distribution for X. Question 15 (0,25 points) b. Determine the marginal probability distribution for X. Question 15 (0,25 points) b. Determine the marginal probability distribution for X. Question 15 (0,25 points) b. Determine the marginal probability distribution for X. Question 15 (0,25 points) b. Determine the marginal probability distribution for X. Question 15 (0,25 points) b. Determine the marginal probability distribution for X. Question 15 (0,25 points) b. Determine the marginal probability distribution for X. Question 15 (0,25 points) b. D Pylmuch. 3) Friction Mamba Gabriela A print shop manager is using the scale drawing shown below to make a rectangular ban... assignment 2 number 7. Convert -128/10) to each of the following representations using 8 bits. If it is not possible to represent -128 10, enter "NP" (without the quotes) as your answer. N... pls help 4 different problems. + + Berpel 10 26G N if wercues FUG suzMet: 260 wognje 3 be8Ge 10830 401 AGLE TUG SUPMEL TO HIGH-VISPIC' LUGU COMAGLE TUG ouBig EMO Uncups Xoni.... Section 6.3 Diagonalization: Problem 9 (1 point) Given that the matrix A has eigenvalues 1 = 6 with corresponding eigenvector v1 = 3 - 2 and 12 = 2 with corresponding eigenvector v2 = , find A. -5 A = ... please show all working clearly. Two similar cells whose internal resistance have been previously determined are used in the following circuit. Algebraically determined are used in the following circuit. truck for P723 000. The car dealer offers you 0% financing for 60 months or a P30 000 rebate. You can get 7.2% financing for 60 months at the local bank. Which of these ... Option d. Missing 0, 1/4, 1/2, 2/3 or 1 additional question e 8/31 0 1/4 1/2 2/3 1. Name the benchmark fraction to which each of these fractions
is closest, (a) 6 25 O o O H W /N N /H A /M (b) 28 0 O... Two tugboats are towing a ship in a straight line. Tug A is pulling with a force of 50 kN at 60° to the direction in which the s... Please provide Handwritten answer. Verify Menger's theorem for the graphs S F and S Ms. Lopez ordered pizzas and breadsticks for a school party and has abudget of no more than Php 810.00. A box of pizza costs Php 130.00 and breadsticks cost Php 70.00. Write the linear inequality in st... Recall the formulas relating the initial quantity, quantity remaining, decay constant, and half-life of some radioactive isotope we mentioned in class: N (t) = No? 1 t12 Which effectively says you'll... Dystopia county has three bridges. In the next year, the Elder bridge has a 14% chance of collapse, and the Ancient bridge has a 5% chance of collapse, and the Ancient bridge has a 23% chance of collapse.... X Your answer is incorrect. Marge Innoverra. You test 100 light bulbs randomly out of a large shipment and find 8 of them to be defective. What margin of error would you need if you want a 95% confide... Question A firm follows the residual dividend policy. This firm also uses a capital structure policy where the optimal weigh.... Given the two functions f(x) = x - 1 and g(x) = 2' - 2x - 15, find (fg) (a) and ME! and then complete the table below: x-intercepts Domain Range Examine graph 1.2. Compare the trends in flexibility for boys with those for girls. Write out a year-by-year comparison of the two groups. Hypothesize some reasons why the two groups may differ at any... In a certain school, there are 180 pupils in Year 7. One hundred and ten pupils study French, 88 study German and 65 study Indonesian. Forty pupils study both French and German, 38 study German and Ind... Activity 2.5 Assessment of Learning 9 20. Explain how you would use analytic geometry to show that a quadrilateral is a parallelogram, if you are given the coordinates of the vertices. Use a diagram t... to obtain the absolute ages for the four martian regions, you compared the n10 values of the relation established from the n10 values of the regions visited by apollo astronauts on the ... Sir i am stuck for this question . 9. Which of these subsets of the vector space of 2 x 2 matrices are subspaces under the matrix operations? For each one that is a subspace, parometrize its descript... The table below gives the popular and electoral votes for a possible U.S. Presidential Election. The total number of popular votes is 8,424,440. Candidate A 185... The bar graph gives the average atmospheric concentration of carbon dioxide. a. Estimate the yearly increase in the average atmospheric concentration of carbon dioxide. Express the answer in parts per... please help me to solve 2(b) as soon as possible. tq How much interest did Jenny earn on her account over 35 years?. QUESTION 1 . 1 POINT Jenny starts saving for retirement. She contributes \$300 per month with an APR of 2.99%. She plans to do this for 3... Please, help solve this problem Thank you . Recently, the factory began a new production line that is more efficient than the existing production line. However, the factory still needs ball beari... 2 pictures uploaded, but it is the same question... Graph each integer and its opposite. (a) -7 Use the tools to enter your answer. NO SOL WebAssign NumberLine Help (b) 15 Use the tools to enter your a... Q 1: Write the adjusting journal entries for Right Corp. on Dec 31, 2020, for the below situations. 60 marks a. Right Corp. received \$7,070 from customers on Oct 1 for service they will provide over t... Q1. Calculate the indicated quantity. C (7, 4) Q2. A boxed Trifecta ticket at a horse track allows you to pick the first three finishers without regard to order. How many different ti... When they work together, Lexi and Sandeep can do their weekly house chores in 13 minutes less than Lexi can when she works alone. D... The temperature of the ocean water was recorded at the same location on the last day of each month for the first eleven months of the year. The table below shows the temperatures, in degrees Fahrenhei... Froblem 2 Balls for a ball bearing are machined to a deviatio... Given

the following Graphs: Graphs G1 C f Graph G2 k m P Graph G3 t W X (a) Decide which two graphs are isomorphic. Justify this with an isomorphic. Justify this with an isomorphic to the two w... Sir i am stuck for this question . Use 18 rules only to prove the following argument in our system: 1. C= (D . E) 2. (E VF) - G 1..C=G Problem 6.1, 15 (D . E) 2. (E VF) - G 1..C=G Problem 6. points. Consider the following decisional problem DP. Let G be a cyclic group of prime order m and let g, q be generators of G. Consider the experiments associated with an adversary 1:... all are multiple choices (advanced function grade 12). D) ABC 2) WHAT IS THE HORIZONTAL ASYMPTOTE OF 4 = 22-5 ? A) O B) S C 5 D) - Z E) NONE OF THESE 6-7x 3) WHICH FUNCTION HAS INFINITE BEHAVIOUR ... BROADENING OF CONCEPTS LET'S DIG DEEPER! 1. How can we apply the concepts of rational equations and inequalities, there are fo... nothing I can think of. Enter the compound inequality shown by the graph 5 6 7 8 9 10 1 12 13 14 15 The compound inequality shown by the graph is) Using the example 37, describe the procedure for turning a mixed number into an improper fraction, and explain in your own words why this procedure for turning a mixed number into an improper fraction. P 1Q 7 12 v 7Q Of Morgan's Question 5 (1 point) Assume we have the following sales figures 2023 : \$250000 2024 : \$254000 2025 : \$241000 2025 : \$241000 2025 : \$248000 2027 : \$250000 2028 : \$254000 Given this information, what was our average c... Compute the following 1. d (21000 3679 19400) 2. 4 (10!) 3. (81000) by first finding the prime-power factorization. B. Use your answer to part (A) of Problem 4 to compute: 1. 10121600 (mod 81000) ... Sir i am stuck for this question with neat explanation . Task1 (A In a design for a suspension bridge, the following hyperbolic function formula is used to design the shape of the suspension cables... 1st grade math. Performance Task Making a Fruit Bowl Bill has 5 apples and 5 bananas. O He can put only 5 pieces of fruit in a bowl. He starts a table to show all the ways he can put fruit in the bowl... An Inventory of two types of ceiling lights are in inventory? a- The... Write an analytical expression for the membership function $\mu A(x)$ with supporting interval [-1, 9] and α -cut interval for $\alpha = 1$ given as [4, 5]. Let A, B E R are open sets such that A * 0 and B * 0. Prove that A X B is an open set and A X B = [A | B), where "|. |" is the Lebesgue measure. One mean mean. Suppose an instructor reports exam scores as follows: 4 scores equal to (x + 2), 6 scores equal to (x + 2), 6 scores equal to (x + 2), 6 scores equal to (x + 15), and 2 scores equal to (x + 2), 6 scores equal to (x + 2), 7 scores equal to (x + 2), 6 scores equal to (x + 2), 6 scores equal to (x + 2), 6 scores equal to (x + 2), 7 scores equal to (x + 2), 8 scores equal to (x + 2), 8 scores equal to (x + 2), 9 following situations. Show all answers as fractions and percentages. Round to one decimal place. Of the 19 fast fo... Management Science: Give the Correct Answers and Show Complete Solution. Item 4 Choices/Options for A. A firm has prepared the following binary integer program to evaluate a number of potential locati... Find the eigenvalues and eigenfunctions (1-x^2)y"-xy'+?y=0, y(1)=1 and y'(1)=0 during a week of training, Beth Andrews rode her bike 80 miles on thursday, and 52 miles on friday. what is the total number of miles s... (A)Determine the jacobian matrix (J) and the jacobian j of the following bi-linear isoparametric element. (B) identify the values of s,n for which the jacobian matrix is singular. What are the imp... Please solve all of the question 3. Suppose a special type of small data processing firm is so specialized that some ... 9'} Given the following situation, flag whether you need to calculate the Win-sin" or the mm {mm} of the investment or loan. a] James invests \$1000 in a savings account earning 5% compounded annual... Compare and contrast the traditional concepts of literacy 1) A manager of a large corporation recommends a Rs. 1,00,000 raise for a subordinate. What internal and external sources of data can be used to determine if such a salary increase is appropriate? ... Use a truth table to determine whether the statement q/(~PA~q) a tautology, self-contradiction, or neither? O Neither O Self-c... Part b Question 1. 1. Factor fully. Write a division statement. a) f(x) = 2x-3x-8x-3 Topic: Simple and Compound Interest Instruction: Solve the following problems using the application of normal distributions. For Problems 1-3, calculate the number of days for which interest should be... Complex numbers. Q1. The complex numbers w and z are defined such that arg $z = \sim$, |z| = 1 and arg w = -?. Given that arg (w + z) = . Find the value of z), giving your answer to three significant fi... Use Wolfram Mathematica coding to solve. Show comments and pictures for step by step process. 1.) Plot all the given equations in one graph. Label the x-axis, y-axis, and the graph. Differentiate... (5 pts) How many weeks need to go by before they have no more anger? Hint: Make a table to keep track of each one's anger. You may guess and check or use algebra (if that is a skill you would like ... For nos 12. - 15, compare the following decimals and write the symbol < , > or = to complete the statement. 12. 0.0007 _____ 0.0070 13. 54.601 _____ 54.610 14. 80.0012 80.0012000 15. 0.00.. Complete each of the following: Show your work. a. 17 + (-3) + (4) + (-2) = b. 15-3-(-5) + 2 = c. (-27)(54) = d. (113)(-2) = e. (-14)(-100) = f. -34/-2 = g. 322/-11 = Evaluate each of the followi... Hi i need help with this question.. Question 4 Figure Q4 below shows the use of a copper heat sink (of mass, m, specific heat capacity, c and exposed surface area, A) to transfer heat away from a CPU ... ARTICULO PARA LA VENTA LPS 958000.00 CUENTA DE CHEQUES CON EL BANCO DE OCCIDENTE ... multiple linear regression model. The model was built in FIRMO FCTURAS POR COMPRAR MERCADERIA AL CREDITO LPS 278500.00 DINERO EN EFECTIVO LPS 17,000.00 an attempt to better understand why students at area high schools perform differently on the state high school mathematics exam. The average te... Question Graph the line passing through (6, 1) whose slope is m 3. Consider a rod of length L=1.0m and cross-section area A=10""m. The two ends of the rod are maintained at 100 C and 0 C respectively. Using the finite-difference method discussed in class, ... A survey was conducted when the world population was about 7 billion, and 2.03 billion people wanted to stay in their country. Among those in the survey that said they wanted to leave their country, 2... Using the text, Page 43, answer guestion 4A and 4B guestion 5A and 5B (Where the problem requests a mini lesson - provide a step-by-step description of what you would do to remediate the student's err... Name the steps and described the procedure 2/3+3/4÷5/8=8/12+9/12×8/5=136/60=1|36/60 answer please Business . Directions: Find the future value and the present value of each ordin... Replace E, F, G, H with 5, 2, 4, 5, g 2. Determine the instantaneous rate of change of m(x) = (-1jetlgx2 + (-1)/hx + (-1)/fatx = (-1)9+1(g - 1) TYPE WRITE YOUR FUNCTION AND x HERE m(x) at x = can Mathematics Topic: Annuity Solution is needed you help me?. x-5 Find all asymptotes of f(x) = x2-8x+12 from the number theory, thank you!. Problem 1. Let f be a multiplicative number theoretic function, and let god(a,b) = f(d)f(m). What is the horizontal asymptote of f(x) = 3x-15 X+5 a. 3 C. -5 b. 1/3 d. -1/5 2. Find for the vertical asymptote of $f(x) = 31-4\ 6+1\ a$. 1/6 C. -4/3 b. -1/6 d. 4/3 3. Which of the following in not... Help wanted to understand. The boxplot below shows salaries for Construction Workers and Teachers. Construction Teacher 20 25 30 35 40 45 Salary (thousands of \$) If a person is making the minimum sala... Math. Question 11 Use the following diagram to determine AD N FC A B C H G D F 00-0 AF O T AF O O 81 88 1 81 O O The graph below shows the real heartbeat over time, D(t). If you do... What two equal payments, one on October 15, 2021 and the other on February 7, 2022, will replace the unpaid payments of \$2400 on February 14, 2021 and \$3500 on August 2, 2021? Assume that money ear... this is
for o levels GCE maths and I need answers step by step within 5 minutes plz. 4. Brampton is 70 kilometres due east of Abbott. The bearing of Corwood from Abbott is 015" and from Brampton ... A parabolic equation has the following general form: x 2 - 12x - 2y + 42 = 0. Express the general form of the parabolic equation in the standard equation of the parabolic, and there are X times to execute divisions, with q1, q2, q3, ..., etc. for the quotient in each division and r1, r2, r3, ..., etc. for the remainder in (a.) and there are Y times to execute subt... 2. Consider the initial value problem i = Ax, z(0) = 1 where A is a constant. What is its exact solution at t = h? Give the expression of one step with stepsize h of the Taylor series metho... Topic: Functions; Mathematical Modeling using Functions; Mathemati 4), (4,1)) a function? 2. Which diagram represents a funct... Excel spreadsheet that is capable of calculating a students final grade. How could I put this in an excel spread sheet? After it is created, what formulas can be used to arrive at the course grade by ... Jeff and Laura then decided to figure out their Estimated Monthly Expenses, Sales and Profit for 1000-6000 sandwiches. They put their calculations in the table below. Number of Sandwiches Estimated Mo... Problem 4. Show that the process defined by St = sinh(C + + Wt), where (We) is a BM and C = sinh(ro), is a solution of the stochastic differential equation 1 dSt = [V (1 + \$7) + ; St]dt + (1 + S)dW... Quick and Easy Car Lot lent you \$9,000, as an add-on loan, to buy one of their cars. The loan was for 3 years and 7% annual simple interest. How much will you pay monthly for your car? After all the p... What is the lower outlier if Q1 is -17 and Q3 is 110? Using the Empirical Rule, in a normal distribution what percentage of values would fall into an interval of -12 to 60 where the mean is 24 and ... Round to the nearest dollar. How much should you deposit at the end of each month into an investment account that pays 5.5% compounded monthly to have \$2 million when you retire in 42 years? How much ... Elizabeth receives a yearly salary of \$59,800 . She is paid weekly , and her regular workweek is 35 hours. a) What is her gross pay per pay period? b) What is the equivalent hourly rate o... ABC Inc. product X and P y , received when Q x and P y . The prices, P x and P y , received when Q x and P y . The prices, P x and P y . The prices are sold are given by the following functions: P X = ... Advance Operations Management. QUESTION #2 SHORT TERM SCHEDULING 25 MARKS Part 1 (15marks) Five architectural rendering jobs are waiting to be assigned at the Urban Development Corporation (UDC). Thei... plot the following points in the coordinate system A(2, 1 b) Before we analyze the standard division algorithm, let's use base ten blocks to find the quotient to your word problem. You have 231 (represented using 2 flats, 3 longs, 1 one) that you want to dis... Hi I need help on what is the answer to this problems? Below is the question and other concerns will be in the comment section . I hope you can help me and surely I will give you full positive feedbac... You need to rent a car. Cheapo Rental charges \$.25 per mile plus \$50.00 daily fee. Rentals-R-Us charges \$.20 per mile and a \$53.75 daily fee. At what number of miles will the two companies cost the sa... A furniture company is producing four types of furniture. There are 1855 board feet of wood. Product A requires 2 board feet of wood. Product A requires 2 board feet of wood. Product B requires 2 board feet of wood. Product B requires 2 board feet of wood. and y(0) for 0 < 0 < 1, and draw the graph of u(0). For which 0 is x(0) not unique? As 0 increases from zero, where does the perturbation f... There are 60 people at a local Los Angeles Sports pub. 50 like the Los Angeles Lakers? The cost to produce a new product is determined to be \$180.00. You are to calculate the regular selling price for this item accounting for a series of trade discount of 15% and 4%. The operating pr... MC 7. 7. Which equation does not represent a polynomial function? a) fx = x + 2 x - 3 (x - 4) c) fx = x - 2x + 5x d) f(x = $2^{"} - 3$ You are driving at a reasonable constant velocity in a van with a windshield tilted 120.0 relative to the horizontal (Figure 1) As you pass under a utility worker fixing a power line, his wallet f... I Using the example ; + 9, explain why we add fractions the way we do. What is the logic behind the procedure? Make math drawings to support your explanation. Sir i am stuck for this question . 4. By using the formulas and the derivation rules, calculate the partial derivatives of order I and II for the following functions: sts.cameron.edu X Function Composition - MATH X Watch It Player | Cengage Lear X C Math C A webassign.net/web/Student/Assignment-Responses/last?dep=28101051 17. [-/1 Points] DETAILS KMBIALG7CR 11.2.01... LEARNING THE BASICS 5.9 For the following determine P(X) given: N X P(X) a. 5 0.11 b. 12 0.45 c. 14 0.55 d. 8 0.85 An airplane flies 180 kilometers from an airport is the airplane flies 180 kilometers from an airport is the airplane flies 180 kilometers from an airport is the airplane flies 180 kilometers from an airport in a direction of 210. How far west of the O' N airport is the airplane flies 180 kilometers from an airport in a direction of 210. How far west of the O' N airport is the airplane flies 180 kilometers from an airport in a direction of 210. How far west of the O' N airport is the airplane flies 180 kilometers from an airport in a direction of 210. How far west of the O' N airport is the airplane flies 180 kilometers from an airport is the airplane flies 180 kilometers from an airport in a direction of 210. How far west of the O' N airport is the airplane flies 180 kilometers from an airport is the airplane flies 180 kilometers from an airport is the airplane flies 180 kilometers from an airport is the airplane flies 180 kilometers from an airport is the airplane flies 180 kilometers from an airport is the airplane flies 180 kilometers from an airport is the airplane flies 180 kilometers from an airport is the airplane flies 180 kilometers from an airport is the airplane flies 180 kilometers from an airport is the airplane flies 180 kilometers from an airport is the airplane flies 180 kilometers from an airport is the airplane flies 180 kilometers from an airport is the airplane flies 180 kilometers from an airport is the airplane flies 180 kilometers from an airport is the airplane flies 180 kilometers from an airport is the airplane flies 180 kilometers from an airport is the airplane flies 180 kilometers from an airport is the airplane flies 180 kilometers from an airport is the airplane flies 180 kilometers from an airplane flies 180 kilometers from an airplane flies 180 kilometers from an airplane flies 180 kilometers from airplane flies 180 kilometers from airplane flies 180 kil scheme that provides a pension of U600: of final pensionable salary for each year of scheme service on retirement for any reason. Final pensionable salary is the average annual... Find the solution of the following IVP. * 5 points (very)dx + (xexy + sin(y))dy = 0, y(0) = n exy + cosy - 2 = 0 O Option 1 Option 2 2exy + cosy - 2 = 0 exy - cosy - 2 = 0 Option 3... his book Chances: Risk and Odds in Everyday Life, James Burke states that there is a 72% chance a polygraph test (lie detector test) will catch a person who is, in fact, lying. urthermore, there is ap... Hello Tutors, Please help me make a table and a graph for my data presentation. I provided all the data needed, I will be grateful for all the help I will get and it will be very much appreciated, tha... I need help. Find the future value of an ordinary annuity if payments are made in the amount R and interest is compounded as given. Then determine how much of this value is from contributions and how ... A single card is chosen at random from a standard 52-card deck. Find the odds against it being a red queen. It's in french but help me please because i'm very noob. Exercice No3 On s'interesse au script ci-contre. 1. Verifier a l'aide d'un calcul que le scripte annonce 28 quand est clique si l'utilisateur e... Se realizó un estudio para determinar los ingresos anuales de las parejas casadas en las que sólo los maridos prove(an de dinero y aquellos en que ambos cónyuges estaban empleados. La tabla propor... Evaluate I = $\oint z(z^2 + 2z - 3)(5z + 3) dz$ using calculus of residues. Here, C is the closed, counterclockwise circle of radius 2 centered at the origin, |z|=2 Sir i am stuck for this question with neat explanation. (a) Solve the following Indicial equation (42)*2 X (4)(2x-3) = 16 Task 5 Concrete blocks are tested and it is found that, on average, 8% fail to... Check my Janet woo decided to retire to Florida in 7 years. What amount should Janet invest today so she can withdraw \$55,000 at the end of each year for 20 years after she retires? Assume Janet can i... The 2 axis is inclined at an angle of 6 = 13 Minimize Z = 27x + 12ydegrees from the vertical, and the line of action of the force applied at A is vertical.. Part Description What is the moment of the force about the x axis... Use Solver to find the optimal value of the objective function of the following linear programming problem Subject to: 8x+5y &... A student deposited \$X in an account that yields Y% interest compounded annually. If the student is withdrawing an amount of \$Z every month, then a) Set up a recurrence relation for the following functions in terms of f Use the table below; could u please help. Which table of values models a quadratic relation? How do you know? 12 3 3 C 0.5 32 128 0.5 5.5 20.5 45.5 80.5 A H Question 10 (2 points) Which equations model an exponential rela... Question 5 (b) 5 marks A cylinder without a lid can be constructed from the shape below when a fold is made at the point where the rectangle and the circle
meet. The edge that is 18.6cm long is folded... Apps S Side Launch . asslow S Sony Entertainme.. NBA Live Stream - NBA streams, NH.. 1 Texidium: Read & do Who is Even Monk Elon Monk Elon Monk Elon Monk Elon Monk Elon Monk I a screenshot of your macro generated code in word file along with your excel file. Help wanted ... The boxplot below shows salaries for CPAs and Actuaries in a town. CPA Actuary 30 40 50 60 70 80 90 100 110 Salary (thousands of \$) Q If a person is making the first quartil... Please help with this advanced math question. Problem 1 In this MATH336 assignment problem, we consider the following problem: Given a positive integer k, is k a prime number? If not, can we find a no... In the video about applications of math identify all the math tools being used. Please state the purpose and identify some b... Please show all work!. Let X, Y, Z be sets, f: X -> Y be a function, and g: Y - Z be a function. Prove or disprove the following: (a) If go f is injective, then g is injective. (b) If g of is surje... Need help with step by step solution. Find the negation of (~ p -> (~q -> r)) (d) Based on the answers to parts (b) and (c), is there an arm that will never be pulled by Thompson sampling on any round? Justify your answer either way. Hint: use Bayes' rule for posterior computat... Hello. I really need help with a homework assignment and the good news is that I found a document with me pleas... Solve the following problems using Excel solver. Show your solutions by attaching a screenshot of your Excel solver. A businesswoman can travel to city A, city B, or city C. It is 122 miles to city ... On a field trip to the Ontario Science Centre, there are 2 teachers, 14 male students. Calculate: a) the number of possible groups of 5 students b) the number of choosing 1 g... In square ABCD(not shown), point E lies on side DC. If AB=16 and AE = 20, find BE.. 8. [0/1 Points] DETAILS PREVIOUS ANSWERS ALEXGEOM7 4.3.044. MY NOT In square ABCD (not shown), point E lies on side ... On a balance scale, two spools and one thimble balance 8 buttons. Also, one spool balances one thimble and one button. How many buttons will balance one spool? Una persona deposita en una cuenta de ahorros a inicios de cada trimestre un importe constante de 4000 soles. ¿Qué monto acumulará en el plazo de dos años si percibe una TNA de 24% capitalizable ... part 1. For this project assume that bobcats have a mean birth rate of 0.4 with a standard deviation of 0.1 and a mean survival rate of 0.68 with a standard deviation of 0.07. In this model, assume th... Need to be precise and written clearly. 3) (6 points) Plot 5.4545 on the number lines should reflect the base-ten structure. Label all long tick marks the middle short tick mar... Double integral in polar coordinates. valuate SIR (x y2 + 1) dA where R is the region inside the circle x2+ y2 = 4 7) (6 points) If A represents the whole, what are the values of B, C, and D? Explain your reasoning. B A D C Please answer the four multiple choice questions. Give a small explanation for each answer so I know how its done. Thanks!. Question 5 Let 1:, denote some branch of the log function. Assume that h(zo)... help me to find this. Solve for Z: (Round to the nearest hundredth) 6 ft. 3in. 5 ft. 3.75in 7 ft. lin Z Consider the following paired observations: XI = 1 Y1 = 2 X2 = 2 Yz = 3 X3 = 3 Y1 = 5 X1 = 6 Y4 = 7 (x, -5)2 - (1-5)2 + (2-5)2+(3-5)3-29 (a) [(Y, + 2) - (3+2) + (5+2) - 12 (b) EXYI = (1 x 2) + (2 × 3) + (3 x 5... I tired to determine if this question either linear, quadratic, or exponential so far I got nothing. . 3. The following table shows the concentration of medication in a patient's blood after an inje... After two consecutive years of 4% losses, what rate of return in the third year will produce a cumulative gain of 5%? Note: Please make sure your final answer(s) are in percentage form and are accurat... don't know. Excellent! Solve. 1,581 x 2,970 ~ 2,000 x 3,000 6 millions 5 6 8 9 0 4 Please explain. Discuss flow your drawnl wife estimated inmodulus in a polycrystalline material. MATH:3800/CS:3700: Elementary Numerical Analysis. Homework 9. Due 11/05/2021. Justify 2021. Justify your answers and show your work. 1. For the matrix 2 1 E IR 3×3 calculate (by hand) (a) 11/Alloo; (b) 11/A-11/00;... please do this for me and tell me what you did and please please do it right tanks.. 3. (5 marks) Find A- for A = 2.3 " by using Gauss-Jordan method. No marks will be given to other methods. Fin... Problem 5 (8 Points) Verify that y1 = 1 is one of the two solutions of xy" + 3y' = 0, and then find y2, and the general solution. Problem 3. Bayes Optimal us. Logistic Regression. Recall that in classification, we assume that each data point (1;, y;) is drawn i.i.d. from a joint distribution P, i.e. P(X = 1, Y = y) = P(Y = y)P(X... Una compañía de artículos electrónicos fabrica Pantallas de televisión (TV), sistemas de sonido(SS)y cámaras de vigilancia(CV), en dos plantas A y B. La matriz X representa la producción de las ... Hello Tutors, Please Explain All The Steps With Clear Handwriting & Don't copy. I'm just Beginner. Thanks in advance Explain All The Steps With Clear Handwriting & Don't copy. I'm just Beginner. MAKE IT EASIER. THANK YOU. I. Show all necessary solutions and must be submitted either typewritten (doc/pdf file) or handwritten (jpeg/png photo or scanned pdf file... Step 1 First, to find areas and probabilities for a random variable x that follows a normal distribution with mean u = 27 and standard deviation o = 3.3 we must convert the x value to a z value. Use t... Hello, I really need you to provide correct answer as fast as you can. Not y... The following proof is still is yet to be proven. Please explain in depth how you would go about proving the following statement. *I will upvote . Conjecture. For any integer n 2 2, the quantity can... Consider the data set {5, -3, 8, 4, 6, 1, 6, -2, -6} (a) find the first quartile (b) find the first quartile (b) find the first quartile (can... Consider the data set {5, -3, 8, 4, 6, 1, 6, -2, -6} (a) find the first quartile (can... Consider the data set {5, -3, 8, 4, 6, 1, 6, -2, -6} (b) find the first quartile (can... Consider the data set {5, -3, 8, 4, 6, 1, 6, -2, -6} (can be can SOLUTION d. ANSWER In solving for Kinematic Equations solution paper has the following: a.) GIVEN b.) R... Determine the truth of the quantified statement (X < <X) KE XA The domain of discourse is the set of positive real numbers. O True O False. Match logically equivalent expressions. p + q [Choose... 4) (4 points) Why do we need to line up the decimals when adding two numbers with decimals using the standard algorithm? Tech Math 4.2 HW 1. Complete the following table. B C D (2) 5, in. 14 in. 23 in. (b) 23.4 cm 20.8 cm 15.6 cm 9 fi 6 ft C (C) 12 ft Similar triangles (d) 4.5 m 3.6 m 2.4 m 2. Architecture The arc... solve this. 1 Answer the following questions about S-boxes in DES: a. Show the result of passing 110111 through S-box 3. b. Show the result of passing 001100 through S-box 4. C. Show the result of pas... polynomial function. C 3IF P (X) IS A POLYNOMIAL WITH X= 1 AS A ROOT, AND P(X)20 FOR KE (- 0 4] THEN EXPLAIN THE GRAPHICAL 5 SIGNFICANCE Write each set in the indicated form. If you need to use '..." to indicate a pattern, make sure to list at least the first four elements of the set. (a) Roster form: (14, 15, 16, 17) O Q13. Problem 13. (8 points) Determine which of the following transformations: No v 1. T(x) = (5×1 - 4×3, 21 + 3, 2×2) Yes v 2. T(x) = (2×1, 8×2, -3×3) No 3. T(x) = ... Prove that for all x E R, (2x - 9) > 3 if and only if |12 - 3x > x. Genuinely confused. 11. Determine if the function is continuous Discrete Neither (Circle ... Entertainment \$175.00 \$1,301.00 5.50% a. William reduced his entertainment expense by \$50.00 so he could buy additional food. What is his new percent of budget for food? b. What is his new percent ... 22.2. Experiment with solving 60 x 60 systems of equations An: = b by Gaussian elimination with partial pivoting, with A having the form (22.4). Do you observe that the results are useless because of ... Obtain the curves on which the functional 1 (((y')-2vy' + xy) dx with y (0) =0, y(1) =0 is 0 extremum. business mathematics. Question 14 (1 point) A proper fraction has: Numerator > Denominator < Numerator > Denominator > Denomina struggling with a lecture problem, we are currently using R programming, would love if you explained thoroughly. . . Problem 1: This problem is about the multinomial distribution. The m... Given an activity is optimistic, most likely, and pessimistic time estimates of 8, 10, and 12 days respectively, compute the PERT expected activity time and the corresponding variance for this activity... Ex. 2. There are 6 pearls on a circle, which are equidistant. The color of each pearl can be red, yellow, or blue. Circles are allowed to be both rotated in the 2- dimensional plane and turned in the ... Consider the case below and apply the different decision criteria in choosing an alternative: The New Era Toyaction criteria in choosing and alternative: The New Era Toyaction criteria in choosing and alternative: The New Era Toyaction criteria in choosing and apply the different decision criteria in choosing and apply the different decision criteria in choosing and alternative: The New Era Toyaction criteria in choosing and apply the different decision criteria in choosing and alternative: The New Era Toyaction criteria in choosing and apply the different decision criteria in choosing apply the different decision criteria Company, Inc. manufactures children's wooden toys. The company believes that the curr... Please help me to solve these as soon as possible. thanks alot!. Let f(x, x) = x text-x + x + 3 and x = (0,0). (a) Minimize the function $f(x_1, x_2)$ using the following unconstrained optimization methods ... Detailed explanation please, thank you... Let $p =
(0-h)-f(0-h)^2h$ is approximation of f'(0) for f (x) = x5/3. Let the error |4 - f'(0) | is given the table below. Find B theoretically as well as numeri... What is 13.08 in words? * 1 point thirteen and eight thirteen an Cov(X, Y) = 0 when X,... 27 0/34 [-8] The data table values for Food are incorrect. [-9] The data table values for Food are incorrect. [-9] The data table values for M... Which of the following shaded regions in the Venn Diagram represents A n B grade 9 po and triangle inequality theorem. that from shortest to longest if the I Find the value of a unity feedback system is given as K G(S) = \$3(S + 852) + 325(S + 80) + 100 Answer the following-i) Write down the characteristic equation of the given system ii) C... Calculate using the appropriate unit of measurement. Mr. Bennette has 8 gigabyte flash drive. He copied the following files in his flash drive with the corresponding amount of capacity. Practical rese... Suppose the life at a particular brand of calculator battery is approximately normally distributed with a mean at 1'5 hours and a standard deviation of 10 hours. What is the probability that 15 random... What amount 9 months from now is equivalent to \$400 due today and \$800 due in 2 years if money can earn 6% compounded quarterly? As if the zombie apocalypse wasn't enough, humans (H) are now facing off against both zombies (Z) and werewolves (W). Write a system of differential equations to describe this situation, based on the ... A zoo is designing a giant bird cage consisting of a cylinder of radius r feet and height h feet with a hemisphere costs 20 per square foot and the ... Last year, Mrs. Patel's property was assessed at a value of \$180,000 and had to pay \$3,209 in property taxes This year, the same property was assessed at \$155,000. What will be the current property t... Consider the matrix 2 3 A [0 4 and its transpose. (a) Express A as the sum of a symmetric matrix. (5 points) (b) Calculate the eigenvalues and eigenvectors of A and AT. (15 po... Consider a portfolio consisting of two assets with returns r 1? and r 2?, with portfolio is given by r pt = ? 1 r 1? + ? 2 r ... Please help with this advanced math question. In this MATH336 assignment problem, recall the pesky assumption in the KKT Theorem that says the given convex NLP must have a Slater point? The goal of th... Help me answer these questions please. 2 4:3 - i 7133' -20:r:5-log |z|)3e em 79:2 1' (- 2mmfi+m 763:2 -20.1:5-log |a:|+4 (in the formula log arithm). Wri... Use the iteration of the fixed point to locate the root of $f(x) = 2 \sin(\sqrt{x}) - x$. Start on x0 = 5 and iterate until $\epsilon_a \leq 0.06 \%$ 12:03 PM Thu Oct 21 " webassign.net 6. [-/1 Points] DETAILS TANAPCALCBR10 4.1.038.NVA MY NOTES ASK YOUR TEACHER PRACTICE ANOTHER You are given the graph of a function f. Determine the relative ma... @ 5. [-/3 Points] DETAILS HARMATHAP12 6.5.020. MY NOTES ASK YOUR TEACHER John Fare purchased \$18,000 worth of equipment by ... R programming Create the program satisfying the following conditions: The program must return the graph of 3 equations: of the first, second and of the third degree. The program must return the graph of 3.2% with continuous compounding. . Your... Create a set of data, of at least seven points, that are part of a function that can be represented as a polynomial function. and set a task of finding a specific polynomial function. Their consulting company charges \$325.00 per hour for their consulting services. Their consulting services are polynomial function. fixed costs are \$810,000.00 per annum and variable costs are \$30.00 per hour... 1. Give an interpretation that satisfies the following closed formula and one interpretation that satisfies it. $\forall x \exists y p(x, y) \rightarrow \exists x \forall y p(x, y) \forall y p(x, y)$... [-/2 Points] DETAILS BBUNDERSTAT12 3.R.006. Professor Cramer determines a final grade based on 5000 at 8% la, compounded monthly b. 5000 at 8.2% la, compounded annually c. 55000 at 8.1% la, compounded semi... 750 ml = 25.4 oz., 1 liter = 33.8 oz.1.5 liters = 50.7 oz. Margarita SF%: 1.2% attendance, two papers, three major tests, and a final exam. Each of these activities has a total of 100 ... If I generate 200 N of force at a distance of 0.7 m from the axis of rotation, how much torque did I generate? A formula for determining the price per portion for any prepared food is expressed by dividing the price at purchase by the portion divider. The portion divider is determined by multiplying the portio... Draw a graph that models the connecting relationships in the floor plan. Use Choose the correct answer below vertices to represent the rooms and the outside, and edges to represent the connecting door... The ICARE Company has three plants located throughout a state with production capacity 50, 75 and 25 gallons. Each day the firm must furnish its four retail shops RI, R2, R3, & R4 with at lea... The bar has a counterclockwise angular velocity of 5 radfs and a clockwise angular acceleration of 20 radiis2 about the axis passing through the pin perpendicular to the plane of the frame. A 1 0.4 ... please show how to solve. tqvm. A signal function is given as follows: 9, 051<3 f(1) = 3t, 351<5 125 i. Express the function. (1 mark) ii. Find the Laplace trans... Larren Buffett is concerned after receiving her weekly paycheck. She believes that her deductions for Social Security, Medicare, and Federal Income Tax withholding (FIT) may be incorrect. Larren is pa... Hi, Please help with the questions below. from 1 through 12 . Consider a projectile of mass 20kg launched from a height of 0.2 km at an initial angle 0 = = w.n.t. the positive x axis (See sketch bel... business mathematics. "Reducing to Lower Terms' is a terminology used when Equivalent fractions with lower numerator term is obtained by same numbers or set of numbers True False by next year, 80 students will leave the school for secondary high school and 110 new students is unchanged? Also how do I calculate the Z score. Question 1, 10.1.41-T F HW Score: 0%, 0 of 25 points Save Part 1 of 4 O Points: 0 of 6 Voter turnout in a country has dropped from 75% in the 1960s to 60% in the m... Find the shortest route from v1 to v8. V 3 2 6 4 V7 6 V2 2 V1 8 2 4 2 N 9 VA V 6 Question 1 Choose one of the following statements; rewrite as a conditional using If/then. Then write the converse, inverse, and contrapositive of your conditional. All children must go to school. All... answer to b please. Two races that a student runs every year are the 2-mile race in his college town. Complete parts (a) through (d) below. | Student | Othe... please i need help. A. 10 B. 25 JO D. 0 15. Mr. X always gets a P 30 off for every crate of mangoes from his suki. If each crate of mangoes costs P 400, which equation should Mr. X use to determine th... Calculate the original purchase price of the furnitu + value of m culationed (5 pointe) Plz help me out. Word Problem Question 3: (You must upload an image of your FULL solution to the question in eConestoga: Course Toolsen Question 3: (You must upload an image of your FULL solution to the question in eConestoga: Course Toolsen Question 3: (You must upload an image of your FULL solution to the question in eConestoga: Course Toolsen Question 3: (You must upload an image of your FULL solution to the question in eConestoga: Course Toolsen Question 3: (You must upload an image of your FULL solution to the question and the question of the furnitu + value of m culationed (5 pointe) Plz help me out. Assignments, [Final Exam Submission]) Global Waste Management Sol... How to prove the formula. f.dy = Infu +futake Proof. Need Help? Read It Watch It 4. [-/0.65 Points] DETAILS LARMPMT1 9.1.014. 0/100 Submissions Used Place the correct symbol (<, =, or >) between the two rational numbers. (a) ? v 16 6 (b) -21... please help. 1.a) Write x' - 6x + 8 in the form a(x + h) + k where a, h and k are constants b) Hence or otherwise solve the equation $x^2 - 6x + 8 = Q$ QUESTION 6 (a) Given the power series f(1) = 1.2 - 13 and the Chebyshev polynomials To $= 1.1 = 1.12 = 2 \times 2 - 1.13(1) = 4.13 + 3x$, (1) Economize the power series f(r) twice (1) Find the Chebyshev series for ... One difference between natural language and mathematical language do not totally destroy the eff... solve the math problems please show work on paper. Do Build Truth, tables for (PMQ) NR (PVRA (QUR) 2 Same Thing for P=Q, TP27Q FK Vyzo, xzy? Satisfiable? How RbAnd tyAD BRAD, xDy If a2 is pold... A vertical aerial AB 12.65m high stands on ground which is inclined 180 32' 15" to the horizontal. A stay connects the top of the aerial A to a point C on the ground 20.0 m uphill from B, the foot of ... The game is played on a square court divided into four smaller squares that meet at the center If a 3 line is drawn diagonally from one 11 ft corner to another corner, then a right 2 triangle QTS is ... Abstract math proof problem, Notations reference: Prove the following proposition:. The next six questions are about subsequences, upper limits, and lower limits. Let (In) , be a sequence in R. For an... please need the answer. O ON Find the eigenvalues for the matrix A = 1.A restaurant features 7 platters total. A daily record of customers shows that 23 customers per day ordered the Fish Platter, while 66 customers in total ordered one of the other platters. Wha... Please kindly show workings clearly. Section D: Application 7. Determine z. (5 marks) Y 2 his X X 83 W 14.0 ft. 52 46 9.9 ft $Z \sim 1$ hour 0/2 QUESTION 12 - 1 POINT A local business held a weight loss competition. What is the average amount of weight loss participants? 53 46 45 44 38 32 Provide your an... (16 points) If S, I, and O are finite sets, with |S| = 5, I) = 7, and |0| = 2; determine: (a) IS x II (b) The number of functions v : S x I - S. (c) The number of functions w : S x I - O. (d) For ... An employee is paid Php 680.50 per day. Compute his gross
pay for the week by entering the total days worked. How do you know which formula to use? . Nancy wants to create a budget to improve her spending habits. She earns \$3,001] per month and estimates her rent is twice as much as her food costs. The amou... Determine two different Hamilton circuits in the following graph. G Select all that apply. A. A, C, H, I, G, B, F, E, D, A B. A, C, D, H, I, F, G, B, A C. G, F, B, E, A, D, C, H, I, G D. B, G, F, E, D... Un transformador monofásico de 6KV/230V de 25KVA tiene unas pérdidas de Pcu=300W y Pcc=1600W. ¿Cuál es la relación de transformación? sir i am stuck for this question. 2 4. (4 MARKS) Let $p(x) = 2 \times 2 - 3x + 4$ and A = . Find p(A) = (b) p(A) = (b) p(A) = (c) p(A) = 0.1391392 (d) p(A) = 0.1391392 (d) p(A) = (c) p(A) = 0.1391392 (d) p(A) = (c) p(A) = 0.1391392 (d) p(A) = (c) p(A) = 0.1391392 (d) energy E (in J) dissipated by a certain resistor after t seconds is given by E = In (t+ 1) - 0.5t... I am a hard-working person. I study in NEMCO. Therefore, NEMCO students are hard-working (20) (a) (6pts) Find a recurrence relation for the number of sequences of Is, 6s and 9s whose terms sum to n. (b) (7pts) Repeat this problem with the added condition that no 6 can be followed by a ... ACCT 326 Writing Assignment #4 When firms become prime targets for hackers, the attack themselves become front-page news. Financial and personal data have been compromised despite firms having measure... Sir i am stuck for this question . I have a progression that i need help with. it is a simple problem where you add the amount per bet on loss and decrease a little when win. I have a couple small is... plz do it fast. Question 4 [3 points] Census data from a certain country has shown that the number of citizens who have assets in excess of \$1,000,000 is 7,016, representing 3.35% of number. Exercise 1 (5 + 10 + 5 pta). Let X be a continuous random variable with density f(I) = JAe ke, when A > 0,1 20, elsewhere. (a) Compute P(2 < X < 3) for A = 3. (b) Compute P(X > t), P(X > ... logistic regression, as discussed in class, assumes the model 1 P(y = 1/I, 20, "1) = 1 + exp(-00 - Q12) (1) Set a = (40, 01). Below exp(z) stands for ez. (a) Let N N L(a) = [P(y = 1/z., 060, 01) ... UC Berkeley, assumes the model 1 P(y = 1/I, 20, "1) = 1 + exp(-00 - Q12) (1) Set a = (40, 01). Below exp(z) stands for ez. (a) Let N N L(a) = [P(y = 1/z., 060, 01) ... UC Berkeley, assumes the model 1 P(y = 1/I, 20, "1) = 1 + exp(-00 - Q12) (1) Set a = (40, 01). Below exp(z) stands for ez. (a) Let N N L(a) = [P(y = 1/z., 060, 01) ... UC Berkeley, assumes the model 1 P(y = 1/I, 20, "1) = 1 + exp(-00 - Q12) (1) Set a = (40, 01). Below exp(z) stands for ez. (b) Compute P(X > t), P(X > ... logistic regression, as discussed in class, assumes the model 1 P(y = 1/I, 20, "1) = 1 + exp(-00 - Q12) (1) Set a = (40, 01). Below exp(z) stands for ez. (a) Let N N L(a) = [P(y = 1/z., 060, 01) ... UC Berkeley, assumes the model 1 P(y = 1/I, 20, "1) = 1 + exp(-00 - Q12) (1) Set a = (40, 01). Below exp(z) stands for ez. (b) Let N N L(a) = [P(y = 1/z., 060, 01) ... UC Berkeley, assumes the model 1 P(y = 1/I, 20, "1) = 1 + exp(-00 - Q12) (1) Set a = (40, 01). Below exp(z) stands for ez. (b) Let N N L(a) = [P(y = 1/z., 060, 01) ... UC Berkeley, assumes the model 1 P(y = 1/I, 20, "1) = 1 + exp(-00 - Q12) (1) Set a = (40, 01). Below exp(z) stands for ez. (b) Let N N L(a) = [P(y = 1/z., 060, 01) ... UC Berkeley, assumes the model 1 P(y = 1/I, 20, "1) = 1 + exp(-00 - Q12) (1) Set a = (40, 01). Below exp(z) stands for ez. (b) Let N N L(a) = [P(y = 1/z., 060, 01) ... UC Berkeley, assumes the model 1 P(y = 1/I, 20, "1) = 1 + exp(-00 - Q12) (1) Set a = (40, 01). Below exp(z) stands for ez. (b) Let N N L(a) = [P(y = 1/z., 060, 01) ... UC Berkeley, assumes the model 1 P(y = 1/Z, 00) (1) Set a = (40, 01) Advanced Control Systems 2 (ME233) Homework 3, Q2 . Consider a second order system described by where w() and v() are zero mean, white Gaussian random processes with E[w()w(/+:)]=War) a... Consider the following local quadratic model of a twice-continuously differentiable objective function f(x) at the point Ck: qk (2) = fk + 9k (2 - k) + 2 (2) - k) BK(2 - 2k), where fk = f(k), gk = g(k... La población de Estados Unidos fue de 3.9 millones en 1790 y 178 millones en 1960. Sui la población crece exponencialmente, ¿qué estimación daría para la población en el año 2000? Problem 3: Use the Laplace transform to solve the given initial-value problem. y" - y' = et cost, y(0) = 0, y'(0) = 0 Search documents and file names for text Q1. In one year a certain baseball player had the batting record shown below, where 0 is associated with no hit, 1 with a single, and so on. Complete the table. (Round your answers to four decima... A BSC has the error probability p = 0.2 and the input to the channel consists of 4 equiprobable messages x1 = 000 $x_2 = 001$; $x_3 = 011$; $x_4 = 111$. Calculate (a) p(0) and p(1) at the input (b) Effi... The hourly operating cost of a McDonnell Douglas DC 10-10, which seats up to 295 pas- sengers, is estimated to be \$3,885.22 If an airline charges each passenger a fare of \$100 per hour of flight, find... A fixed cost of \$5100 was spent to set up an operation which yields DC 10-10, which seats up to 295 pas- sengers, is estimated to be \$3,885.22 If an airline charges each passenger a fare of \$100 per hour of flight, find... A fixed cost of \$5100 was spent to set up an operation which yields DC 10-10, which seats up to 295 pas- sengers, is estimated to be \$3,885.22 If an airline charges each passenger a fare of \$100 per hour of flight, find... A fixed cost of \$5100 was spent to set up an operation which yields DC 10-10, which seats up to 295 pas- sengers, is estimated to be \$3,885.22 If an airline charges each passenger a fare of \$100 per hour of flight, find... A fixed cost of \$5100 was spent to set up an operation which yields DC 10-10, which seats up to 295 pas- sengers, is estimated to be \$3,885.22 If an airline charges each passenger a fare of \$100 per hour of flight, find... A fixed cost of \$5100 was spent to set up an operation which yields DC 10-10, which seats up to 295 pas- sengers, is estimated to be \$3,885.22 If an airline charges each passenger a fare of \$100 per hour of flight. income at the rate of (1500-50t 1/2) and incurs expenses at the rate of (150 + 150t 1/2). What is the optimal time to terminate t... DIRECTIONS : Provide what is asked for. Identify the given values. Show necessary solutions. Round Off ONLY in the final answer. Round off your final answer to 2 decimal places. Box and label your ... help please ?. P3-matching in an undirected graph G is a collection of vertex-disjoint P3's in G. A P3-matching is maximal if it is not a... The profit function for a microchip company's break-even point, (_____, ___) Please provide Handwritten answer with clear steps. 15. Find an orthonormal basis for the following subspaces of M2 (R) (a) The upper triangular matrices (b) The diagonal matrices (c) The matrices wit... Coding Theory:. Let C be the linear ternary code with generator matrix 10 021 G = 01010 0 010 2 (a) Determine d(C). (b) Consider the code C' = $\{x' = 1234 : X = 1234X5 \ EC, X5 = 0\}$. Show that C" is a... Consider a market for a particular agricultural product in which the supply and demand functions are defined as follows: Offer: Demand: Under the assumption that this market is always in equilibriu... The force of 200 N is required at a follows: point 3 m from the fulcrum to lift a certain ... Please provide Handwritten answer. ry sin[(x + y)t] 1. Let G(x, y) = dt . Find Gy(x, y). t ry provide step by step. B X V The figure shows three forces acting on a vehicle. Force FA has a magnitude of 649 N and make... I need to solve this in 20 min??. Question Completion Status: QUESTION 11 1 points Save Answ What is the fluid deficit for a 50 lb dog estimated to be approximately 8% dehydrated? 500 ml OIL O 2... Solve by: a) Fixed point, b) Newton-Raphson, and c) Secant methods: xex - 2 = 0 For a) and b), let xo = 1; for c) let xo = 0 and x1 = 1 Please provide a detailed, step-by-step answer to the below image. Thank you. Suppose all numbers in the set { 1, ..., 2n + 1} are arranged in increasing order clockwise on a circle (meaning that 2 is... Imagine that you meet Mr. Dickens at a party organized by the Pickwick club, which can only be attended by members of that club or people who, although not from that club, are university professors.... (5) Let $f(x, y) = 2 \times 2 + 2a$. xy + 3y2 - 2x + 12y, where a is some constant. Find Hessian of f(x, y). (b) Find for what values of a the function f is guaranteed to be convex (con... QUESTION 1 . 1 POINT Leander planted 100 acres with soybeans and he plans to increase his field size by 3% each year. What is the growth factor? Provide your answer below: In the past month, Ryan has had five pizzas delivered. He kept a record of how long it took to get the pizzas: 35 minutes, 15 minutes, 15 minutes, 16 minutes, 17 minutes, 18 solution for this one as fast as you can. Thank you! (26-30). Question 30 Not yet answered Solve the rational equa... You are considering investing in Microsoft (ticker symbol: MSFT). Using Yahoo! Finance or a comparable source, determine (a) its effective annualized total return over the five-year period from Octobe... answer the question. Question 9 (1 point) A property has been assessed at \$225 000. The mill rate is 14.5. To find the property tax, you would multiply the mill rate by: a 0.001 Ob 0.10 OC 0.01 O 0.00... A sales associate would like to test the claim that the average number of sales made by a sales associate per year is less than 600 sales. To test the claim the sales associate collects Edmentum - Study . |Classes Other bookmarks OC OD 2. * 10 points Stu bought a bag of loll... which of the following represents the total cost, in dollars of k compact discs at \$15 each? Sir i am stuck for this
question . N 2 4 This problem is about the matrix A = 3 6 Find the eigenvalues of ATA. Find a complete set of orthonormal eigenvectors of ATA. Please help with problem 4. Hint: Use the complement of A. REFERENCES BELOW. 4. 12 points Let u be a measure on a o-algebra > with (X) < co and a sequence (An)nen in E be such that k=1 Prove t... need to solve the questions. A recipe uses of onces of milk recipe. what's the decimal In He sauce in this recipe? gmont ratio 0.33 - 0.25 - 0.10 anyart 6.75 into afraction 1/4 1 / 3 3 / 4 9 / 10... Exercise 16-9: Penny Activities 16-9, 16-10, 16-11, 17-9, 18-14, 18-15 A. Flip a penny in the air 50 times and keep track of how many heads and tails result. Use your sample results to construct a 95%... how many triangle in the figure. Determine the number of triangles (of any size) in the figure. The total number of triangles is Let f(x) be defined on the interval [0, 3] by $f(x \{ 2 \text{ i } f \ 0 \le x \le 1 ; 3 - x \text{ i } f \ 1 \le x \le 3 \text{ compute the sine series expansion of } f$. ie the fourier series od the odd periodic extensio... (5) Let f: Z - Z be a mapping defined by if m is even, f(m) = 2m + 1 if m is odd. (a) Verify that f is one-toone. (b) Since f is one-to-one, find an inverse 9 : Z - Z such that go f = id. Sir i am stuck for this question. You plan to take one boat there and a different boat back. Choose two boats and drag them to the islan... Consider an open Leontief model with input matrix T given by 0.2 0.3 0.2 T = $0.4 \ 0.1 \ 0.2 \ 0.1 \ 0.3 \ 0.2$ Shaw that if A = [I - T] then :1" is approximated by A" = - 0.34 \ 0.64 \ 0.24 \ 0.66 \ 0.30 \ 0.24 \ 1 \dots Sir i am stuck for this question . (3 points) What are the projection points P of the point Q = (1, -3, 4) on: a) the coordinate plane xy; bj the area z = 3x + 6y; c) the area z applied at the end of the first week, • An interest rate of s > 0 is applied at the end of the second week, • An interest rate of t > 0 is appl... Knowledge, Application and Communication Play the following games in the Games Fair: . Three Prize Roller . Word Scramble . Marble Draw . Ten Spinner For each Games Fair game, answer the following que... Please provide Handwritten answer. 1. (4pts) For the Sturm-Liouville problem involving the differential equation, y'' + ly = 0, determine the expression for the eigenvalues, 1, and the correspondi... Can someone help me with these questions?. Like K-means, GMM also needs initialization. Let) = 4,010 = H2 (0) = 10,0,= 4,7(0) = 0.5 be the initialization and let 0(0) denote {u, (0), 61 (0), #2 (0),... You are now viewing the questions you held earlier Please submit an answer or pass. Which inequality is graphed below? Ox < -2 O x 2 - 2 O x > -2 For each of the following linear programming models, give your recommendation on which is the more efficient way (probably) to obtain an optimal solution: by applying the simplex method directly to th... (16 points) Let $E = \{a, b, c, d\}$. (a) What is 23 |? (b) Determine the number of strings in E* of length 5. (c) If x (E* and |23| = 45, what is ||x|? (d) If A = US_En. How many strings have bc as a... Question 1 As part of the nation's vaccination programme for children, all citizens below the age of six need to be vaccinated with a cocktail mixture of Vaccine X and Vaccine Y. One litre ... refer to image for question. Suppose a company has fixed costs of \$34,000 and variable cost per unit of %X + 444 dollars, where X is the total number of units produced. Suppose further that the selli... Please help me answer this with step by step solution. I asked this question fourth time in course hero but they didn't answer correctly, they answer it using online converter. I want to learn how to ... 1 Things did not go quite as planned, you invested \$ 301000 part of it In a Stock with a 12.1 annual return, However, the rest of the money suffered a 6.1. loss, If the total annual income From both i... can someone help me about the question? why the answer is D, i think the domain of g(x) will not <0, because f(x)'s domain is R+. Composition of Functions For the functions R+ -> R; flat) 2 ?... Read the below scenario and then answer the question? in the powerset of B? Write out the powerset of B? 8 In the diagram to the right, AD and BE are altitudes of AABC intersecting at P. C Let g, 13, g and p be the respective position vectors of A, B, C and P relative to an origin 0. M a EXplain why (1? ... How long will it take money to quadruple if it is invested at 7% compounded daily? 8.9% compounded ??years at 7% compounded daily. (Round to two de... Com os dados abaixo, desenvolva um modelo de regressão múltipla para prever as vendas (componentes de tendência e sazonais), utilizando variáveis auxiliares (dummies) para incorporar o fator saz... I need the workings asap. Consider the congruence 9r = continuously? It will take about 21 (mod 33) (a) Does 9 (mod 33) exist? Explain why or why not (b) Is the solution of the congruence $9r = 21 \pmod{33}$ given by $r = 91.21 \pmod{33}$ given by r = 91.21 (mod 33) given by Answer 5: g The result of the futures hedge is EUR24,802,965. but i have no idea how to get to that and the logic behind that solve using truth tables and show work on paper.. Identities pr (qar) = (prq) Appvr) pr (grr = (png) ~ (bar) Distributive loves solution nedded. Anonymous answered this Solution: code: import java.util.Random; import java.util.Scanner; //Lottery Class public class WinningLottery { //These instance variables are used for the lo... Sketch the region that corresponds to the given inequalities, say whether the region is bounded or unbounded, and find the coordinates of all corner points (if any). 2. We suggest you use techno... Consider the primal problem inf ax Ax +b x+c subject to Ex = u FX > V, where A E Roxh is positive definite, b E R", c E R, E E Rmx, u E Rm F E RKX, and V E RK. Use the dual problem to show the following is unsatisfiable? You can only give me tips for any of the following I only need the general procedure. 1. $|=\neg((p\downarrow q)\downarrow(p\lor q)) 2$. $|=((p\land q))$ Sketch a graph (hand-drawn) of the function y = sin(x - 90 o) + 2. Include 2 cycles . the cost of 5 skirts and 3 blouses is 1750/=.mueni bought three of the skirts and one of the blouses for 850/=.find the costs of each item. Of which of the following differential equations is the relationship + very Write 3 different uses of Quadratic Functions in Real Life C 2.8 m 1.5 m F = 295 N DE 0.5 m 30 A B 1.2 m 0.5 m. Part Description the magnitude of the component B... What is the general form of the solutions of a linear homogeneous recurrence relation if its characteristic equation has the roots -1, -1, -1, 2, 2, 5, 5, 7'? I Please explain how you got your answers because I'm using this to study. Thank You. . Haw mamr words of length '1' (not necessarily found in the dictionary) can we make using the alphabet {a,b, ..., physics 191. PHYS 191-HW = 5 The moon's mass is 735 x 10" kg, and it moves around the earth approximately in a circle with radius 3.82 x 10 km. The time required for one revolution is 27.3 days. a... 9:43 4 Done 293124075 Linear Relations.pdf Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: a. ... 9:43 4 Done 293124075 Linear Relations.pdf Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- intercept(s): 2 of 2 Max/Min D.O.O: value: A.O.S: b) Vertex: X- y- in Complete the Calculations Download and thoroughly complete the calculations. De... In a parliamentary system with three parties, a recent election has allotted 40 + X seats to party A, 30 + Y seats to party B, and 25 seats to party C. In order to form a government, a coalition ne... On the magnetic compass, 0 degrees is East, 180 degrees is South, and 270 degrees is West. If a fishing boat leaves port and travels 73 miles due... Problem 1: For the following matrix 13 5 2 A = 2 7 -7 4 8 Obtain the Jordan canonical form of the matrix A, and show that MAM=J where M is a modal matrix that includes generalized eigenvectors. I can't figure out B.. On May 8, Leon's receives a 35% trade discount. Terms of the sale were 2/10, n/30. On ... In a veterinary waiting room, there were a total of 12 individuals, 8 of whom brought dogs, 5 brought cats. Additionally, it was noted that three brought both dogs and cats, and two individ...
Prove that the set of all even integers Z under binary operation "addition" G=<Z, +> H=<Ze,+> Solve all the problems and show all your work on paper. It should look problems below... 6) An amplifier has a gain of +13 dB. a) What is the gain ratio? b) If the input signal ... Solve the problem. Given the following revenue a maximum. [Hint: Find the vertex of R(x)] R(x) = 80x - 2×2; C(x) = 25x + 105 O 20 O 21 O 40 O 19 A sales ir to the example paid a commission of \$8 for selling \$75 worth of goods. If a person has made \$224 in commission what is the dollar amount of goods sold? Search Algorithm Analysis In this task you will be comparing the performance of your selected array search algorithm Analysis. In this task you will be comparing the performance of your selected array search algorithm (ternary, exponential) to the search a... 1- A cat requires 22 mg of Gabapentin at each dose every 6 hours for 7 days. The solution contains 300 mg/10 ml of Gabapentin. Show all steps and include units for me and tell me what you did and please do it right tanks.. x - 2y + 3z = 9 5. (3 marks) Consider the system of linear equations: -x + 3y = -4 (2x - 5y + 5z = 17 Given that th... X-1 Graph the function y = (x - 1)x+3) using the Gizmo. A. Describe the graph at both points of discontinuity (x = 1 and -3). B. How can you simplify the function? C. What is the value of the simpli... please solve. Homework 5.7 Coefficient of Rank Order Correlation A recent study investigated the relationship between the age of a licensed driver and the number of miles driven in a one week period. ... Write an expression for the velocity in terms of acceleration and time la parte de una traba, en una cerradura de coche, es de varilla circular de 3.0 mm de diametro. En cada accionamiento sufre una fuerza de tension que varia de 780 a 360 N Solve the following system of equations: 5x+y=-18 and 6x-y=7 please show all working. Part C More complex quadratic formula to solve the following quadratic formula to solve the following verbal description defines a set. 2. The provinces of the Philippines. 1. The collection of all good-looking students in EAC. 3. The collection of all stu... Nestle sells 15 (1L) Bottles of water at 5.49\$ with a deposit of 1.50\$ Dasani sells 35 (500M) Bottles of water at 4.29\$ with a deposit of 3.50\$ Which is the better deal and why? Question 1 (5 points]: Consider the emissions model and suppose the government is deciding between using an abatement subsidy or an emissions tax. On the diagram below, indicate the following: (a) th... Help me answer the given question. Answer for Letter C only is what I need. Note: Show complete/detailed computations (Excel, Matlab, or hand/long computation). Decimal values should be up to 4 d... Linear Programming: An Algebraic Approach (dont use excel for explanation i just need help to create an equation and everything else I will calculate on my own) Where k is a constant of value 2 x 10-6 liters per cell per day. It is known that initially there is an initial density of P (t) = ... Find the order of the quotient group ($D6 \times Z8 \times A4$)/ < (ρ , 2,(1, 2, 3)) > Pick any 500 companies of your choice in a separate excel sheet, and plot the frequency distribution and draw possible conclusions. Find a and b where (a + 2, 4) = (5, 2a + b). Four years after buying 50 shares of XYZ stock for \$ 40 per share , you sell the stock for \$ 3100 The total return is % (Do not round until the final answer . Then round to one decimal place as neede... 14 (b) Work out 27 x 113 2 Give your answer as an integer. With solution please. PROBLEM SET 4: DIRECT AND INDIRECT PROOF Prove the following statements, directly or indirectly, using the appropriate methods of proof: 1. If n is odd integer then n is odd. 2. ... little help please with math. Decimals by Whole Numbers Divide. Round to the nearest tenth. 072 345.00 Enter Answer poration. All Rights Reserved. Let A = [3, 8], and B = (-oo, 4). Choose sets that are infinite and uncountable. O P(AnN) O B \ Ac OBnO O P(AnO) Thanks for a lot. Question 6 (15 points) Let S be the part of the paraboloid $z = 1 - x^2 - y^2$ satisfying z = 0. Let v = 0i + zj + zk. Use divergence theorem to compute the following integrals: (1) Isv ... Suppose you transmit a 10-bit message is received with at most one error? (b) What ... Kedan Inc. received an invoice of \$62.85 from a supplier. The invoice was dated March 28, 2021 and had the following payment terms: 4/10, 2/15, n/30. Calculate the amount required to set... Agnessa plans to contribute \$900 at the start of every half year to an investment that earns 7.25% compounded monthly. If Agnessa starts contributing on her 36 th birthday, how much will she accumulat... Please kindly show workings clearly thank you. 6. Decide whether you use the Sine Law to solve the given triangle. Then, solve the triangle (find missing sides and angle). (6 marks) S... Question 12 point ow Did I Do? Ive: Vx - 4 = x - 4. ter the exact answers. I need help. A 46-year-old man puts \$1000 in a retirement account at the end of each quarter until he reaches the age of 62, then makes no further deposits. If the account pays 5% interest compounded ... A study stated that 85% of Canadian college graduates 22 to 24 years of age are employed while 80% of Canadian university graduates 22 to 24 years of age are employed. Does this represent descripti... Take k3 value as 3. Calculate the symmetric Fourier series for the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- O Ost < T with the period 27, using on = f(t)- Ost < T with the period 27, using on = f(t)- Ost < T with the period 27, using on = f(t)- Ost < T with the period 27, using on = f(t)- Ost < T with the period 27, using on = f(t)- Ost < T with the period 27, using on = f(t)- Ost < T with the period 27, using on = f(t)- Ost < T with the period 27, using on = f(t)- Ost < T with the peri is a right angle at the water tower. [4 marks] Water Tower 202 m Ranger's Tower 340 266 m The water tower is f... A podiatrist in the making. Suppose you ask the shoe size of each female in your dorm and discover that the data have a normal distribution with a mean of 9. If the standard deviation is 1.7, approxim... The 20 statements test is an example of what; structured questionnaire, unstructured questionnaire, projective test, or biased free test. To measure astronomical distances such as the huge distances in terms of "light-years" (Ly). A... Use the Fundamental Theorem of Arithmetic to prove that: a. If 4 n and 9 n, then 36 n. b. If 12 n and 35 n, then 12 . 35 n. Problem 11: (5 points) Complex Integration I In physics you might encounter an integral pike $1(A) = x^2 - 42$ (1) where A is a positive real constant. That is a challenge since the function has two sing... if mrs cruz invested 120,000 php in a time deposit that pays 0.7% compounded interest in a year? how much interest will mrs cruz gain and how much will be her money after 15 years [-/1 Points] DETAILS HARMATHAP12 5.1.036. MY NOTES PRACTICE ANOTHER If \$1000 is invested for x years at 11%, compounded continuously, the future value that results is S = 1000e.11x What amount will... The input to your code is the following linear program: min cx s. t. Ax = b x 20, where A is a m x n matrix, b is a column vector in RM, c is a row vector in RM, c is a row vector in RM, c is a row vector in RM, c is a matrix, b is a column vector in RM. construction or I do not ride the... Cree una empresa dedicada al rubro de la moda, a la cual se le solicita el diseño y confección de la prenda de despedida de un curso preescolar. Para ello use el modelo matemático de Jenss (1937... Show that if u(x, y) solves Uxx + Uyy = 0, then v(x, y) = u(0112 + 0124, 0212 + 0224) also solves Vxx + Vyy = 0, where O: 011 012 (2) 021 022 satisfies OTO = I, where I is the 2 x 2 identity matrix. college mathematics. A circle with center I is shown in the figure below. (a) Name a chord: (b) Name a chord: (c) Name a cho There are 8 ounces in a cup, 2 cups in a pint, 2 pints in a quart, and 4 quarts in a gallon. 1 L = 0.26 gallons 14.275 kL to quarts ... Lun 04/10/2021 Para: Usted How many milligrams of doxapram should be administered to a 7 lb cat, if the dose range is 1-5 mg/kg IV and the concentration on the bottle is 20 mg/ml? O 9.5 O 0.59 O 21 O... Fuente de Vida distributes bottled water in Panama. The company serves customers from the traditional (mom & pop stores, kiosks, small restaurants, etc.) and modern channel (convenience stores and... T 3. For a normalized 2-D data set X = , ? (a) If X need to be
transformed to a new co-ordinate system for capturing maxi- mum variance, what will be percentage of variance captured by each directions. ... Using Desmos to design a roller coaster that must include quadratic, circular, hyperbola, sine, cosine functions, linear. Show working out for all equations. Maximum length 200m Maximum length 400m 20-ft standard 232 in 90 in 90 in 20,000 kg 40-ft standard 474 in 90 in 25,000 kg 40-ft standard 474 in 90 in... Make sure you show your work. e. Now suppose your company issues two julicles. The risk of fire is independent across the two policies. Make a table of the trace possible payouts along with their ass... question 1. Consider the functions f: $Z \times Z \rightarrow Z$ Which of the searce surjective? Note that [x] represents the celling function. 1. f (v, w) = 12 - w 11. f(v, w) = 3/v1 O a. Only ... Name: Date: Follow the directions for each problem. 1. Which of the following numbers is 2. Which of the follow you know. a. b. C. d. ... An eigen vector corresponding to one of eigen values H 2 01 is given by 0 for the matrix 0 3 0 1 0 2 The product of rest of the eigen values is Una cadena de oro de 18 quilates pesa 80 g, se funde con otra cadena? be answered by calculating 4 0. 2. a. Discuss the meaning of 4 . 5. Include a simple word problem and a math drawing in your discussion. b. Discuss the meaning of 4 . 5. Include a simple word problem ... Consider the retirement plan you developed for yourself in the discussion board Copy the numbers you used there here : (You do not need to repeat the calculations again, but simply restate your conc... Sir i am stuck for this question. 4. [-/1 Points] DETAILS JMODD8 1.2.012. Consider the symbolic representations given below. p: A person is an American citize... INSTRUCTIONS: 1. REATE "Analytic Review of Variations" of the given graphs and figures below Reference 1 PRICE STOCK SECURITY ANALYSIS & Use the 4th order Runge-Kutta method with h = 0.2 and ti = 0.2i to obtain approximations for the solution of the initial value problem y' = y - t ^ 2 +1; 0 ≤ t ≤ 2, y (0) = 0.5 and complete t... A scientist conducts an experiment and records the following data for two variables p and q 2 3 3.2 3.7 7.26 7.986 8.14 8.537 She deduces that the relationship between p and q can be modelled by an eq... Please help with this applied math question. I am unsure how to form an IP for this. Yukon Input 1 Input 2 Input 3 DD State A State B State C Figure 1.2 The structure of the oil pipeline, inputs and o... 9 PSI E PIR q 1055 I?" 139921 Figure 1: Graph of Markov chain for SIR mode]. Now we wish to use the SIR model to mode] the current COWD-IQ pandemic, with a discrete time unit of one week. In New... Geometric Applications 1. Find the equation of the curve y = f(x) as shown in the figure with line tangent to curve y = f(x) as shown in the figure with line tangent to curve y = f(x). need to solve this in 1 hour, hope I can get help thanks!! QUESTION 35 You need to deliver 450 ml of 5% dextrose. You have on hand a 500 ml bottle of 50% dextrose. Which of the following is the corr... Figure 2.49. Number line. 7. Draw a number line in such a way that each number falls on a tick mark. Lengthen the tick marks of wh... Prove that $S = \{(x, y, 2) (R3 | x2 + y2 - 23 = 1\}$ is a surface. (Hint: consider the map $o: R < -> R^*$ given by o(u, v) = (vv2 + 1cos(u), vo + 1sin(u), v).) Student/Playerlest.aspx?testid=235232526¢erwin=yes Apps S Side Launch - assi... S Sony Entertainme. NBA Live Stream -... NBA streams, NH... QUAOOO2 215 C.Murphy Fall 2021 E Test: Test #2 < ... Step 3 From the distribution table, find the column until you reach the entry in the row headed by d.f. = 28. The intersection of the column and row in t... Find the vector x E R" minimizing F(x) = 1Qxin + Allg - Hallin where Q, H ERnxn and g E R" are given and) is some parameter that can be tuned for the application. 9. Which of the follow... The Missouri Lottery website and look at these ways to win. Choose one... (20pts) A person with 8 friends invites a different subset of 4 friends to dinner each evening for seven consecutive days. How many ways can she do it so that each person gets invited at least once... refer to image for guestion. 6. [-/2 Points] DETAILS HARMATHAP12 5.3.027.MI. MY NOTES PRACTICE ANOTHER The purchasing power P (in dollars) of an annual amount of A dollars) of an annual amount of A dollars after t years of 5% inflatio... Four-hundred-fifty people boarded the Lake Express Ferry across Lake Michigan. Many experienced seasickness, and after the second ho... Sol it it please thank you. 2. Suppose (-1,4,3,-6)', A = , then Question 2 [6 points] Pace Design has decided to purchase products marked down \$258.12 for a net price of \$315.48. a) What is the list price of the products? For full marks your answer(s) should be ro... The number of public library visits from 1998 to 2002. The average... Please answer the following questions.. (3) (20pts) Let a > 1 and b > 0 be given real numbers. Show that there exists N E N such that an for any n > N. b (4) (20pts) Evaluate lim 2 vn + Vn . (... You are hired by a Hungarian distributor of consumer goods, Dicge, to improve their forecasting capabilities. You are tasked with coming up with quarterly forecasts for item LJZ75 that appears to have... if an individual has a mass of 78.8 kg and forearm length of 30.1 cm. What moment does the weight of the arm cause about their elbow? c) Using your table of values, graph the population versus time. (Include arrows if it applies.) 100 90 70 Population 50 40 30 20 2 Number of Years d) Use your graph to estimate the doubling time of t... 2 questions please help! . Suppose you obtain a 30-year mortgage loan of \$196,000 at an annual interest late of 3.1%. The annual fire insurance premium is \$... solve the linear equation x OZ 4 0 z + x e [x2+427 = Prove the following for any sets ?, ?, and ?, and for any collection \mathcal{F} of sets. A. If $2 \leq 2$, then $2 \leq 2$, then 2to zero numerically when computed by the expression d a d $\sigma = \sigma$ (a) (1 - σ (a)) in single precision floating point arithme... Express (16a^4)3/8 into a radical expression with 5 times the mass of the first, is dropped from the same point at t = 91 ms. (a) How far below the release point is the center of mass of the two sto... Modern Algebra: (a) Prove that every Sylow 2-subgroup of S 4 is isomorphic with D 8. (b) Find all Sylow 3-subgroup P 1, P 2, ... in A 4 and permutations σ 1, σ 2, ... such that P i = σ i P i ?... let f be anti-analytic if f (z) = g (z)^- for some analytic function g. Let f 1, f 2 be anti-analytic functions on C. - Show that f1 • f2 is analytic (I thou.... Use the Trapezoidal Rule with n = 6 to estimate the value of 411' / e(303010.911m to six decimal places. 10) a) Consider investing \$1000 in two different types of savings accounts. One is a simple interest investment and the other is compounded annually. Sketch a graph of how the amount Test whether the effect of father's education in (the logarithm of) wage is significant at the 20% level. Q2b (8 marks): of the investment... paper referenced that contains equation 22: . Find an expression for the flow rate, Q given (222111]. w(r,t)rdr o Compare your answer to equation ... Q2a (6 marks): Test the hypothesis t... Sir i am stuck for this question . Let y be a vector in IR" and let y be its projection on a vector subspace Wof R". Which of the following is true? Select one: O a y is orthogonal to y O... Script for Simple interest (solving) i need some one who can fo this perfectly Define what is Simple Interest (background) Explain it well. Give a real life problem. Finding the future value. explain ... Higher officials recommends Vikram to use Simplified AES and was given an encrypted message wi... Ryan, a consumer electronics salesperson, cams a base salary of 51500 per month and a commission of 5% on the

amount of sales he makes. One month Ryan received a \$1735 paycheck. Find the amount of his... Please help with the following.. Question 5 10 pts Give a recursive definition of ... Teniendo en cuenta que p = llueve y q = hace sol, relacione cada proposición con su formalización: Sir i am stuck for this question need complete explanation with steps. Exercise 4. Find (if possible) AB, ACB and ABC. 1 2 1 2 09 A = B = 4 2 0 C = NO 1 P the simpfly of the last step. (7)= Fi + Fit = FiFI Go/to 49-5+5-FIF- tan B2 40T 1 Fit Aigalte Only a, b, and c please Here is 6 a, b. in the text to a *7. Equations (6a,b) can be studied by phase-plane methods. Show that c and x1 nullclines have the form (a) Kc c = 0 when X1 = atc Kc x1 = 0 wh... Sir i am stuck for this question . Which of the following is not a property of the canonical inner product on IR"? Select one: O a for every X, y c K", x . y = 0 implies that X and y are 1... provide evidence from peer reviewed article that math 180 improve students mathematics performance Los expertos estiman que el 25 % del total de los accidentes en moto invo... Luisa would like to determine the width of a pond. Starting on one side of the pond, she walks 410 metres in a straight line to a rock sitting some distance in front of the pond. From here she turn... please solve this. 3 Jane was due to make loan payments of \$1,200 six months ago, \$1,500 one month ago, and \$700 in two months. Instead, she has agreed to make a single payment today. If money is wort... 1) Suppose you have a complete, weighted graph with 6 vertices. A-How many Hamilton Circuits are there in this graph? B-How many Hamilton Circuits are there in this graph? B-How many Hamilton Circuits are there in this graph? company is 26,000 which includes equipment and installation fees. The heating company has agreed to 1.... Show that $y(:t) = \cos -114 \cot 2$.) + B is the general solution to the Euler-Lagrange equation for the variational problem. Find a simple closed formula for c(n, n - 3), for all n 2 3. please help i need the correct answer. Find the decimal number representations Unsigned Binary Number Two's Complement ... Please help with the following, it is for my discrete structures class. Thank you in advance.. Question 18 10 pts For the set S = {the books in the library} and the binary relation xpy <> "... PROBLEM B: In this problem we are going to prove that the perceptron learning algorithm ass... Pls kindly show working clearly. 1. Determine the measure of obtuse <D for each ratio. (5 marks) a) sin D = 0.45 b) cos D = -0.21 2. Determine the length of a. (5 marks) B a C 3.7 in. 72" 5.... Please help me, I need it in 1 hour, thank you so much!. o 5 POINTS A city is assigned with the task of establishing a virus testing center along with a community of homes on a road of length A < 0... Coding Theorem: 1.2 Suppose the binary repetition code of length 5 is used for a binary symmetric channel which has symbol error probability p. Show that the word error probability p. Show that the word error probability p. Show that the word error probability of the code is 103... Matrices. 13. At a certain university, three bookstores — the University Bookstore, the Campus Bookstore and the Book Mart — currently serve the university community. From a survey conducted at th... Let $A = \{(x, y) \in \mathbb{R}^2: x \in (1,3], y \in [0,1]\}$ with $X = Y = \mathbb{R}$, Tx = [,, Ty = T. Then $A' = \text{Select one: } ([0,1] \times (-00, 3]) \cup ((-c_0, 3] \times (-00, 3]) \cup ((-c_0, 3]))$ the graph. pa help po plss. Ms, Lovely purchased goods amounting to P12,000.00. She used two credit card Q charges 3% in... Need Your Help Regarding this Activities/Lesson I'll surely give you feedback/Thumbsup... 22. Which of the following does not belong to the group? I+1 17-2 2 a. y = -c. - = II-1I + E b.1Jx - ... Task * 1 point If one factor of 72 X9 Y11 + 96 X 6 y8 - 48 X5 Y 7 is 6 X3 y5 , what is the other factor ? A 12 X12 y16+ 16 XS Y13 - 8 X8 y12 C 12 X5 16- 16X3 Y3 + 8 X2 yz B 12 X6 16 + 8X3 Y3 - 16 X2 y... Questions 1. (10 points) A computer password consists of four letters of the English language alphabet, followed by 5 or 6 digits. Find (a) The total number of passwords that can be created. (b) Numbe... answer this using the long method. c. 3. Test the exactness of the following equation and solve for its general solution: each) a. (t3 + ts2 - s) dt + (s3 + t2s - t) ds = 0 b. (cos 2y - 3x2y2) dx + (... Please help me with this problem, will be highly appreciated... Q.2 (a) Using revised simplex method with matrix manipulation only, write the steps to check that a particular solution is optimal or no... Find 1he radius of gyration of a plate covering the region bounded by $y = 5 \times 3$, x = 3, and the x-axis with reaped la the y-axis. Geoff goes to the archery range five days a week He must pay \$1.00 for every ten arrows that he shoots. If he spent \$15.00 this week on arrows what is the average number of arrows Geoff shot per day? Question 9 of 20 Two payments of \$17,000 and \$4,400 are due in 1 year and 2 years, respectively. Calculate the two equal payments that would replace these payments, made in 6 months and in 5 years if ... Decribe the transformations. a. \$4 - -2 X 12 3 45 Coordinates Translation vector We want to implement and test a function for integrating numerically by use of a composite trapezoidal rule. Recall that the trapezoidal rule approximates an integral by the following weighted sum: ... please help I am stuck. 7 In Fig. 6.14, DOBC is a semicircle, centre O and radius 6 cm. AC is perpendicular to DOB where AB is 2 cm. Calculate (a) the length of AC, (b) ZCOA in radians and (c) the per... I think I did this right. I'm just wondering what the answer is.. mathxl.com/Student/PlayerHomework.aspx?homeworkid=601029568&questionld=5&flushed=false&cld=650129@cen MTH101(Fal 2021)-Pr... BOOKShelf Settings PDF Page 437 of The patient drank 180 ml of coffee, 6 ounces of orange juice, and 1 80 ml water. What is the patient's intake? 2. For lunch, the patient drank 180 ml of coffee, 6 ounces of orange juice, and 1 80 ml water. What is the patient drank 180 ml of coffee, 6 ounces of and b A/4 (20 pts) Draw every simple graph with five vertices and four edges (isolated vertices are allowed) up to isomorphism (if two graphs are isomorphic, just draw one of them). CO Los siguientes datos corresponden a una fábrica de calzados. Costos fijos \$85,400 Volumen de ventas y producción 520 ud Costo de producción por ud. \$820 Precio de venta por ud. \$2300 a) Determina 1... Please help with the following, thank you.. Question 19 6 pts Complete the induction. Give the steps to go from the hypothesis to the goal. Last, state the conclusion. Edit View Insert Format Tools Ta... Sole this equation. 36, 000 - 7500 | 7+1 (1+0.5426 % .) 25 X (1to. 5426% O. 54 26 1 . Problem 2. (8 points) Remaining time: 83:14 Let W be the subspace spanned by Find an orthonormal basis for W. 3V 22 3V 43 22 13 V 22 3V 43 22 13 V 22 3V 43 22 5V 43 22 5 integer) at a: = o: if there is... please help this mathematical analysis with clear explanation and also clear steps, thank you so much. 2. let a, = 9, anti = an + 2an for n = 1, 2, 3 . . . 3 prove al , a2, a3 ,... converges and find ... A bowl on a potter's wheel is initially rotating at constant angular velocity of 1.6 rev/s. The potter then places her hands on the bowl, exerting a friction force of 1.5 N on the bowl. The moment of ... applied finite mathematics 2011 book. students. Q1. A car rental company offers two plans. Plan I charges 14 cents a mile, but no flat fee. If you ... Please help with this applied math question. I am unsure how to formulate the IP 7 The company C & O operates an oil pipeline pumping oil from Alberta to various states in the Northwestern USA. F... Ray Barbee, a radio announcer, is single, earns \$300.74 weekly, and claims 2 allowances. Question 16 6 pts Labor cost rate (LCR) can be determined by dividing total labor cost (TLC) by total sales revenue (TSR). LCR = TLC TSR If the LCR for a restaurant is 0.47 and its weekly sales are \$1... Trying to eliminate both variables to find the lowest common value of A must be and the value of B must be lue, the ... Al Spencer's room is 5.5 meters long and 5 meters wide. What is the length of Al Spencer's room in decimeter? Naomi Osaka played in tennis matches for a total of 8 hours and 59 minutes to win the 2021 Australian Open women's singles title. Although the winner's prize money was reduced this year, she still won... Shore Inc. purchases laptops for resale at a cost \$390.00 each. Operating expenses are regularly set at 20% of the regular selling price and the profit is to be 18% of the regular selling price. a... solve the mcqs. Q No: 1. Tick () the correct answer, Sr. Question A B C D 1 If f(x) = xx - 4 - 3x, then f (8) =: 21 - 24 - 2(1 + 12) 22 - 22 2 f(x) = 5 \times 3 + 2x is function. Even PPO Both A& B None of the... 63%. Course Home Do Homework - Section 1.2 Homework: Analytic Representations/Equations mathxl.com/Student/PlayerHomework.aspx?homeworkld=666884... Do year 3 across and year 4 across.. 3. Use recursion to fill in the table for each rate. Rate 5% 12.80% -6% 20% Year 0 \$ 1,000.00 \$
1,000.00 \$ 1 a beta distribution with at least four different choices of a and fl, with the restriction that the mean of the distribution must be 3/4. For each of them, find the ... why the slip direction is [0 1 -1] but not [1 1 0](textbook said that the direction of slip is <1 1 0>). Sometimes COSTCO[^] in Equation 8.2 is termed the Schmid factor. Determine the magnitude of... Find the extreme value of the following function and check whether the extreme value is a maximum or a minimum by Hessian determinantal test. 2 Z = XX, +x - X, +XX, +x, +3x, 7. A firm has the follo... The demands of society from the teacher as a person Please solve the following question. Using Python and show the first derivative of f(x) for central difference approximation using Taylor Series expansion at 4th order error. f' (x) = = J(Xo + 2Ax) + ... BMMU 1062 TUTOTRIAL 01 SEMESTER 1 2021-2022 PART 1 1. Find the resultant of the following two displacements: 2 m at 40 and 4 m at 120. Angles taken relative to + x-axis. 2. Using the parallelogram met... mathematics binomial. 5. (a) Simplify the following expressions in standard form. H (i) (51+613 +2i'-3i")+(-4+7i) 7-4i (ii) 2-3i (b) Express -7V3 + 7i in polar form and hence find (-7v3 + 7i)' in ... calculate A and B. 2.1. Use the information above as well as the information in the table below to answer the questions that follow. Income Amount Deductions Amount Basic Salary | R13 850 Income Tax ... State whether the following claim is true or false: Claim: If a graph G has a Hamilton circuit, then it also has an Euler cycle. If true, then briefly explain why. If false, then give a counterexample... A car traveling at 20 km/h accelerates at 4 m/s² for 7 seconds. What is its final velocity? mathematics economic and business. 2. Given the national income model Y = E; E = C + I where C = 280 + 0.6Y, Io = 80: (a) Write down the value of the intercept and slope of the expenditure equation. (... A group of fun loving people have decided to play a joke on one of their friends, but they can't decide which one Alice (A), Betty (B), or Connie (C) (ABC) 6; (CBA) 5; (BCA) 4. Use this information to... Please provide Handwritten answer. Advanced Math Show how the theta expansion was done ... Ja go(r) Aar-dr TV TO AM VO VTr The horizontal asymptote of the function f(x) = 2-3x 5x-3 is a) y= -2 b) y = -3 3 5 c) y = -0 how to do it and how you get the answer. Complete the table of ordered pairs for the linear equation. X y = -4X XO (Type integers or simplified fractions.) please help. QUESTION 1 Solve the problem. Find the volume of the solid of revolution with the region between y - V4 + x2 42 and the x-axis from X - 2 to * = 2 81 2 Help me to solve this. 36, 000 - 7500 7 + 1 (1+0.5426\%).) O . 54 26\%) O . 54 26 1 how to calculate all calculation.. Table 1; The details of assignment PO LONG HAULAGE AND TRUCKING SERVICES SDN BHD No The Details Remarks 1 Load (two ways) full load containers 40 footer's 2 Distance... In some cases, it may be desirable to allow violations of the isotonic constraints (1b) in order to better fit the data. This can be accomplished by penalizing in the objective the violation m; - r... Two-fifths of the faculty members at the university bike to work. One-third of the rest walk. What fraction of the faculty come to work by some means other than biking or walking, such as car, bus, gl... Problem 4 (8 Points) Find the general solution of (x2 + x)y" + (2x + 1)y' 2x + 1 - y = (2x + 1 -4×2 - 3x. X determine whether the following statements are propositions. if the propositions. if the proposition, identify the simple components and the logical connections used. Define a polynomial function Hello, can you please answer the following question 13, reference; A level maths for AQA. THANKS. 13 A curve C has equation y = f (x) where f(x) = x + 2In(e - x) 13 (a) State the maximum possible domain... Please help with this advanced math question. Problem 1 In this MATH336 assignment problem, suppose (P) is a maximization LP, and has a feasible solution : with objective value 7. Let (D) be the dual ... Compute the interest on a 12-year loan for \$13,631 if the annual rate is 5.3% with continuous compounding. The graph of a function h is shown below. Find h (-1) and find one value of x for which h (x) = 3. (a) # (-1) = 1 (b) One value of x for which h (x) = 3. (b) One value of x for which h (x) = 3. (c) # (-1) = 1 (b) One value of x for which h (x) = 3. (c) # (fledgling entrepreneur decides to sell drinks ... Suppose $T \in L(V)$. Then T and T* have the same singular values. A linear, real-valued system associated to the time-one map, i.e., the map connecting each ... A group of retailers will. It)8 television from a wholesaler if the price is \$500 and 107 if the price is \$450. The wholesaler is willing to supply 44 if the price is \$435 and 124 if the price is \$435 and 124 if the price is \$52... Each day, you deposit \$2.97 into a bank account whose annual rate is 2.1% with daily compounding. How much interest will you have earned after 16 years? Round your answer to the nearest dollar Please and thank you! :). 5 1 point Use the system of equations below to answer the following 2 questions: A [4x - 7y = 2] B [3x - 3y = 6] 1. To eliminate the x variables with the lowest common
value,... 4.43 Show that Eq. 4.66d can be extended to the laminar flow region by the substitution of Eq. 4.67d for the friction factor f. Construct a truth table for the statement. ~ (9 1~p) Complete the truth table p q ~(qA-p) T T F T F 6) (6 points) Use the definition of multiplication to explain why you can solve the following problem by multiplying. How many three-letter codes can be made using only the letters A, B, C, and D? (Do... find the Fourier series of the following. 2. (Problem 8.1) Determine the real-valued Fourier series of the triangular function, 1(0) = 1 + 1, - < +<0, T-1, OSI <T. 3. (Problem 8.3) Determine t... Part c question 2. 2. A quadratic function in factored form if it passes through the point (4, 30). (3 marks) Interpolate the function. if a 2 0 f (2) = 1 if c question 2. 2. A quadratic function has zeros (x intercepts) at x = -2 and x = 3. Find the equation of the function in factored form if it passes through the point (4, 30). (3 marks) Interpolate the function. a < 0, on the domain [-1, 1] using Lagrange polynomials with Chebyshev points. You can use the following MATLAB function lagrange interpolant to co... Part D: Communication 1. Describe the differences and similarities of a quadratic function and its reciprocal (4 marks) Sir i am stuck for this question. 1. Study the edge of the string (an)n21 with the general term 1+3+5+...+(2n-1) a) an = 1+4+7+...+(3n-2) 1.2+2.3+...+n(n+1) b) Xn = 12+22+...+122 k 2. Study the co... Use the expanded algorithm to find each sum. (a) 74 + 99 (b) 579 + 691 (c) 582 + 89 (d) 2558 + 654 (e) 96 + 78 (f) 222 + 889 (9) 43 + 37 + 49 (h) 637 + 284 + 84 Type here to search O Let X * 0 be a set and consider the discrete metric d on X defined by d(p, q) = p q 0 p = q (a) Let p E X and r > 0. Describe the ball Br(p) of center p and radius r. (b) Show that any subset Y ... Assuming there are 1000 observations in your sample, what are the test statistically different from zero be ... Let T(V, E) be a graph and for each v E V, set I've = {wEV : there is a path with end points v, w}. (a) Prove that if v1, v2 E Ty, then there is a path in I(V, E) with end points v1, V2. (b) Deduce t... Solve this minimization problem by the simplex method. (step-by-step please, thank you so much) A small petroleum company owns two refineries Refinery 1 costs \$25,000 per day to operate, and it ca... A celsius (centigrade) temperature C can be converted to an equivalent temperature in Fahrenheit. Question 1-1.docx (Protected View) - Microsoft Word X File Home Insert Page Layout References Mailings Review View i Protected View This file originated from an Internet location and might be unsafe. ... Test 3 Score: 10.22/43 10/43 answered Question 10 < Find the area of the shaded region under the standard normal distribution to the right of the given z-score. Round your answer to four decimal pl... From the following facts, Molly Roe has requested you to calculate the average daily balance. The customer believes the average daily balance should be \$877.67. Respond to the customer's concern. 28-d... data structures. Given a 5 element stack S (from top to bottom; 30, 50, 70, 80, 90), and an empty queue Q. remove the elements one-by-one from stack S and insert them into queue Q. then remove them on... Given the system Ax = b, with A c Roxm and m > n. Why can't we just invert the matrix A to obtain the solution x? A pharmaceutical company is testing their new brand new of Vitamins: A,B, and C. Each type of vitamin has been labeled with a number {1,2,3} for anonymous testing so that three versions of each vitamin. Consider a 3rd order B-spline curve p(t) with control vertices b0 = (0, 0, 0), b1 = (1, 1, 0), b2 = (2, 1, 0), b3 = (3, 0, 0), b4 = (4, 1, 0) and basis functions. Make sure forms of this function. Make sure forms of this function. to express the transforms in terms of ... Question 1: Consider the quadratic optimization problem: min = (x, Qx) + (c, x) subject to Ax 2 b. Here Q is a symmetric positive definite matrix, c, r ER"... Sir, I am stuck on this question Sir, it's a humble request please step by step and double-check if I put even a single point wrong they consider wrong. (1 point) Use Lagrange multipliers to find th... how do I do this. On the Pmt sheet, create a formula in C5 to calculate the bi-weekly loan payment based on the cells C2, C3, and C4. Make sure to add a minus sign after the equal sign so that the res... Let G be a connected graph with n nodes. Define L \in R n×n the associate Laplacian matrix and $\lambda 1 \leq \lambda 2 \leq \cdots \leq \lambda$ n, its eigenvalues. Let G' be a graph constructed from G by simply add... Dante must find the next lottery combination was 11-21-22-30-32-34. As a means of finding the next winni... Consider the following theorem: Theorem 7.8.1 (Gordon, 1873). Let cl, ..., am 6 Rm. Then either (I) There exists 2 6 R" such that afz > 0, 2': 1, ..., m, or (II) There exists 2 6 R" such that afz > 0 three different feeds [M1, M2... Show that the solutions to the problem (PI) is convex and bounded. My E F G H Is = 5 2 4 5 Everywhere you see E , F , G , H you have to plug in the following numbers 5 , 2 , 4 , 5 ... At a school play a total of 90 adult and student tickets were sold. Each adult ticket was \$8 and each student ticket was \$5 and the show made \$546. How many adult tickets were sold? (5 marks) 3 3. [8 marks] Consider the integral numerically. (b) Find the integral exactly (using calculus and showing... Summarize the differences between deductive and inductive arguments. Give an example of Which of the following are properties of inductive arguments? Select all that apply. (c) Use a calculator to verify that x = 61, $x^2 = 997$. y = 632, $y^2 = 89,154$, and xy = 9,204. Computer. (Round your answer to four decimal places.) As x increases from 3 to 22 months, does th... Suppose the price of an item increased by 11% a total of 14 times. By what percent did the price increase in total? You want to know what percent did the price increase in total? You want to know what percent did the price increase in total? Reattempt last question below, or select another question Solve the following for the indicated variable: P - 21 + 2w for l Preview syntax error TIP Enter your answer as an expression. Example: 3x 2+1... Answer the following question using the appropriate counting technique, which may be either arrangements with repetition, permutations, or combinations. Be sure to explain why this counting tech... QUIZ. QUIZZ... Question / This Quiz: 10 pts possible Determine the truth value of the statement (p A ~q) V r using the following conditions a) p is false, and r is true. b) p is true, q is... Question 1 [6 points] SunBlush Technologies has decided to purchase products with a list price of \$898.20 and a trade discount amounting to \$134.73. a) What is the net price of the products? For full ... please show steps on how to solve the problem thank you. also if using any theorems or facts please state. could you explain why it is none?. answer box. If there are no other restri 3x 8 X - 2 2 -X 3x + 8), x * none (x - 2 Need Help? Read It Sir i am stuck for this question . 1. Calculate the sum of the following series through the general term: a n(n + 1) a = In 1+- n 2. Study the nature of the series: n +n-1 n = 1 (7+1)! In your own understanding, explain the difference among content standards, performance standards, and learning competencies. What is the importance of each.? You are given the 0.50kmol of oxygen (M= 32 kg/mol).(Hint:m=Nm) Find (a) mass (b) density (c) specific volume Prove that if g^a = 1 mod N and g^b = 1 mod N the left, what will be the new location of the Barangga... A clothing business finds there is a linear relationship between the number of shirts, to, it can sell and the price, p, it can sell and the price data. . Construct linear and logistic regression models to solve business prediction problems. Instructions: (Marks would be deducted if yo... prove: if x<0,u>0,x<y and u<v, then xu<yv Construct a math conclusion for elementary students? Q 1: (a).Let X be any set and let
J' be the collection of null set and all subsets of X whose complement is finite, then prove that J is topology on X. (b).Let A be any subset of X, where (X, J) is an... Help me this question clearly step by step pls!. Question 4. Let c be a positive real number, and let A(c) denote the area between the x-axis and the curve y = x +, from x = c to x = c +?. (a Find an ... iii] r(x) = flf(x) Where k = mlntefi] WRITE YDUR r(x) AND THE COORDINATES OF THE TRANSFDRMED POINT, P", HERE {2 write your I: here: k = in K, A, c, T :3} List, explain why, and de... refer to image for question. 11. [-/2 Points] DETAILS HARMATHAP12 5.3.047. MY NOTES PRACTICE ANOTHER An investment services company experienced dramatic growth in the last two decades. The following m... the ans is wrong please give the right ans thx. We want to calculate: f(x) In Ixldx - 00 where: $f(x) = -3.x^2 - x + 2$ ($x^2 + 4$) 2 a. Define F(z) = f(z) In(z), where In is defined by choosing arg(z) ... Please help with the following, this is for Discrete Structures 1. Thank you. Question 3.5 pts Using the equation $f(x) = x^2 + 1$ to describe the functional association, write the functional association for Discrete Structures 1. Thank you. as a set of ... A rectangle has a height of 4a- and a width of 6a- + 9a + 3. Express the area of the entire rectangle. Your answer should be a polynomial in standard form. Consider the following mechanical setup in two dimensions. A bead of mass mbead is attached to a massless rotating wheel of radius 11. The wheel rotates in a vertical plane with an angular velocity ω ... If I want to make 8 litres of cooldrink, how much concrete must I use? Describe all numbers :1: that are at a distance of 4 from the number 6. Express this using absolute value notation. The answer field below uses the symbol mode option in Mobius. That lets you type in... guestion 2, Homework: 5-2-1: MyMathLab Installment Buying Part 1 of 2 Points: 0 of 1 Landon Wallin is an auto mechanic who wishes to start his own business. He will need \$3900 to purchase tools and eq... Write the equation for g(x) given the graph f(x) and the following transformations below. reflection in the x-axis and horizontal stretch by a factor of 2 Equation of transformed function: 4 - y = f(x). Please provide Handwritten answer. (b) Let pi = (i, 0) E R2 for i = 1, ..., 100. Let C: denote the circle of radius 100 centered at the point pi, oriented counterclockwise. Describe a vector field G s... Need help with an application of the revised simplex method please!. 2. 8 points [Lecture 29 (Monday, Nov. 22nd) is required for this question.] Solve the following LP problem using the revised simple... Use the following to answer the next two questions. YA 6 - f(x) = (x) - 4 - 2 X Numerical Response 3 The value of (f + q)(-1) is) Let be a Bernoulli random variable with . Recall that then, and . Plot the histogram of for 2, 5, 10, and 30. What is the approximate distribution of ? 1 Choose random numbers leased van, with monthly payment of \$350.00. Car insurance for the va... 4) (20 points) Solve. (see Illustrations, # 4) A company produces three models of MP3 players, models A, B, and C. Each model A machine requires 3.2 hours of electronics work, 2.8 hours of assembly ti... nEED help pleasee. Prove that the following lines are not parallel, and find statement showed the following deposits and withdrawals: \$113.24, \$98.07, \$18.74, \$98 17, \$37.13 If Robert's balance in the account \$110 31 at... (20 points) Consider the MA(2) process: Xt = Zt - ;Zt-1 + Zt-2. (a) Compute its autocovariance function yz (7) and autocovariance function pz (7) for 7 = 0, 1, 2, (b) Is X, invertible? Unicellular organisms vary in size from very small bacterial to extremely large protists. If a cell is assumed to be cuboidal with all sides equal (i.e., Length = Width = Height), then surface area an... I have 30 min to solve this?? QUESTION 14 1 points Given the maintenance fluid rate of 50 mL/kg/day, determine the fluid rate for a 83 lb dog. 79 ml/hr 175 ml/hr 300 ml/hr 98 ml/hr QUESTION 15 ... It is only one question, I have uploaded 2 pics, but it is one question. In the binomial probability of success be p = 0.2689. Use a calculator to compute the following. LO USE SALT (a) The probability... (c) Compare the results of parts (a) and (b) In general, how do you think the mode, median, and mean are affected when each data value in a set is multiplied by the same constant? Multiplying each da... NUMERICAL METHOD. QUESTION 1 Consider the nonlinear equation has another root in [1, 2.... We have a road network consisting of one-way streets. There are a few proposals for a new one-way road to be built. You want to vote for the proposal that would result in the shortest distance between... I need help I don't know I'm doing. 7) Order the numbers from least to greatest 3.08 3.85 8) Which of the following is greater than o.it (a) 0.80 (b) 0.01 (c) 0.55 (d) 0.77 ") Which of the follow... Third-Order Lax-Wendrox: (a) Construct a third-order accurate Lax-wendrox eries and keep the rst four te... Question 4 Skyline pizza is a famous restaurant operating a number of outlets. The restaurant uses a toll-free telephone number to book pizzas at any of its outlets. If the clerk is occupied on... For this problem, carry at least four digits after the decimal in your calculations. Answers may vary slightly due to rounding. What percentage of your campus student body is female? Let p be the prop... On June 23, 2012, you could read on the Dallas Morning News website that In 1960, the cost of raising a child was just over \$25,000 for middle-income families. That would be \$191,720 today when adj... Sir i am stuck for this question . 3. Determine whether S = jaj, a2, a3, as is linearly independent, where 6 a j W 9 a 3 -2 -2 8 5 4. Determine that S = a , a,, a;) is linearly independent, where as... (IN CLASS) Old Navy is having a sale. Pants are priced at \$15.00 each, shirts are \$7.98, belts are \$4.85, and socks are \$1.04 per pair. Determine the sales tax for the purchase of 3 pairs of pants... They learn that polygons with four sides... They learn that p are called quadrilaterals (poly means many, gon means side, quad mean... Explain how Lagrangian Mechanics uses the idea of state machines. hello i really need help on transformations (general maths). Exam style questions 1. A 8 -7 -6 -5 -4 -3 -2 -10 - wy 6 B -4 - (a) Describe fully the single transformation that maps shape A onto shape B.... s help me. 2. Daevon buys 2 ice cream cones. The total is \$2.30. How much did Daevon spend on one ice cream cone? Use the grids to the right to solve. Jeenay, a sales agent, earns a total of PhP 26 000.00 for the month, how much is her total sales? Un capital impuesto al 10% bianual de interés simple, ha producido durante un tiempo una renta equivalente al 4% del monto. Cuál es ese tiempo? A) 4 años B) 10 meses C) 6 años D) 6 meses ... Let SXX = n = 1(Xi - X)(Yi - Y). Show that (a) SXX = (n = 1 X X i) - nXY. Question 14 (6 marks) Find all complex biances C) 6 años D) 6 meses ... Let SXX = n = 1(Xi - X)(Yi - Y). Show that (a) SXX = (n = 1 X X i) - nXY. Question 14 (6 marks) Find all complex biances C) 6 años D) 6 meses ... Let SXX = n = 1(Xi - X)(Yi - Y). numbers 2 such that 2.5 + 2:3 - 2 = 0. Express all your answers in polar forms. Solve the radical equation. Be sure to check all solutions to eliminate extraneous solutions. Sqrt7t+5 = 7 Enter the exact answers. The field below accepts a list of numbers or formulas separated by se... Consider A \in R^(n x n), orthonormal. Now, consider the matrix A² = [A, a 1], where a 1 is the first column of A. What are the spark, mutual coherence, and RIP of A and A[~]? Dimensionsin cm Three charges are placed as shown. The value of q3 is -4.0 pC. The net force on q3 is in the negative x—direction.. Determine the charge on q2. Unit h... Please provide Handwritten answer. Problem 4 Assume that the equation Ax = b is consistent and let x = Ab. Show the following. . Show that there is exactly one vector u in row space of A such that Au ... For each of the following, draw the first three terms of a visual pattern; that is, someone should b... 4) y" - 3y' + 2y=4e", y(0)=-3, y'(0)=5 baslangic deger problemini Laplace Donusumu yardimlyla cozunuz. cozum = y(x) = 6e2* + 2xe2x-get Link to the reading; What should be the goals of K-12 mathematics education? And using evidence from the reading; What should be the goals of K-12 mathematics education? And using evidence from the reading; What should be the goals of K-12 mathematics education? And using evidence from the reading; What should be the goals of K-12 mathematics education? correlated but often there is not a proper understanding of correlation according to statistics. This week is about simple inferential tests; you will gain a basic und... peter travels 590 km in total determine value of x An airplane averages 120mph in still air. With a tailwind it is able to make a trip in 24 hours. Because of the headwind, it is able to make the return trip in 32 hours. What is the average wind sp... Create an orthonormal basis starting with basis elements 1, t, t2 in L? [-1, 1]. 2. Let (1,)2, ...;) be independent and suppose {e1, ez, ..., e,} are obtained from the y's by the Gram-Schmidt ... Please help with this applied math question. In this MATH336 assignment problem, consider the LP max (-1, 0, 0, 1, 0)x (+0) - 1 1 - 1 1 s.t. = 2 - 101 1 2 0 Now, consider the sets of indices B1 = {3, 5}... f is a rational function of the form g(x)/h(x) where g(x)=X and h(x)=x 2 + 3x + 2. Find the domain of f(x) Sheridan Service has a line of credit loan with the bank. The initial loan balance was \$8000.00. Payments of \$3000.00 and \$3500.00 were made after four months and eight months respectively. A... essay about Math isn't hard, it's a language | Randy Palisoc | TEDxManhattan Beace Give the answer to the correct number of significant figures.
2.5608 + 15.92, 7964+86.94 + 760, 4.596 - 2.81, (4.58 * 10^6) * (4.3198 *10^19) I want answer to this. Diberi suatu fungsi kuadratik f(x) = 2×2 - 4x + c. Titik A(2, -3) merupakan suatu titik yang dilalui oleh fungsi kuadratik itu. Gi... help me to find. Solve for d: 0.570in. 11.4cm 22.8cm Find the cartesian coordinates of the points(3, 3π/2, 5) which is in cylindrical coordinates Please use excel. . 2. Sara invests \$1000 into a fund that earns compound interest. This means that as interest is added to the original principal, so that the next interest. The dimensions into the shorthand notation used in the canning industry (e.g. 301 x 106). Show your... Problem Solving (5 points) From the main entrance of a park there are 2 pathways are both tangent to the garden. The pathways are both tangent to the garden whose center is... Find the acute angle 0, to the nearest tenth of a degree, for the given function value. sin 0= 0.5527 (Type an integer or a decimal rounded to the nearest tenth as needed.) 1108 k + N. X G. 8 ft 3 ft B 7ft- The train has a weight of 23000 lb and a center of gravity at G. It is suspended from its front and rear by a total of six tires. The rear three tires, A, B, and C... trying to help my little sister with her homework but I have no idea on where to start. please helps... 1202 '8 W Y AV = WI I - XD = A 8 + X8/1 + A Hi can you help me solve these questions ... The Cardinal's Ferris Wheel is being built next to another larger Ferris Wheel is being built next to another larger Ferris wheel is being built next to another larger Ferris Wheel is being built next to another larger Ferris wheel and closed at the other end has a fundamental resonant frequency of 79.1 Hz. What is the speed of sound in this gas? [5 marks) Consider the data. Find the approximations to f1?) and f'(2.06) of order 0012). Five samples of halo-halo vendors in Barangay Uno have a standard deviation of Php20.00. What is the sample variance? Week 7 Grade 9. the Remainder Incor Learning Task 1. On the chart below, find a factor in Column B of each of the given polynomials in Column A using the Factor Theorem. Column A using the Factor Theorem. Column A 1. x2 + 6x + 8 x + 3 2... Question 14 (3 points) Word Problem Question 1: (You have to submit an image of your FULL solution to the question in eConestoga -> Course Tools -Assignments [Final Exam Submission]) Margaret ... On Part 7, I keep getting the error "name 'assigned team df' is not defined". What am I missing in the code? Marcus receives an inheritance of \$2,000. He decides to invest this money will Marcus receive when he... 4-1 Actuarial cost method: Individual Aggregate, with assets allocated to each active participant in proportion to the sum, as of the prior valuation date, of normal cost and allocated assets Actuaria... Tony Ring wants to attend Northeast College. If he deposits \$47,055 today, how much will he have 4 years from now at 12% interest compounded semiannually? (Use the Table provided.) (Do not round inter... El grafico adjunto muestra las conclusiones del estudio de Equilibrio de mercado de un nuevo producto. El precio esta en US\$ y Precio 100 la cantidad en unidades vendidas por semana. 80 Determ... The figure below presents mr Zuma's estate plan. Identify the polygon presented help. A battery manufacturer is trying to improve the lifetime of its battery by considering three types of technologi... TRY Solve the system of the equation is AB where A is the free term: matrix of the system and B is column free. A = ; B = A ; B SYTEM OF LINER EUQATION.; B= A=; B=. 17. 1 1. 1. -21 2 System Integration Project Application of PERT/CPM Activity. Immediate Predecessors. Time A. ?... OceanJuice produces both a cranberry juice cocktail and a raspberry-cranberry blend. Each day OceanJuice can receive up to 1000 gallons of a raspberry concentrate that costs \$2.00 per gallon, up to 40... (10 points) Can we generalise the triangle inequality to three vectors? That is, do we have ||a|+||b||+||c|| for any n-vectors a, b, c? If so, justify it. If it's not true, give... I don't understand the formula. A 6 inch personal pizza has 570 calories, with 240 of those from fat. A 16 inch pizza is cut into 8 slices. Estimate the number of calories in one slice of a 16 inch pi... Choose the equivalent system of linear equations that need to be solved. The answer ch... Find a function f that hives the philippine peso value f(x) euro Unit 1: Introduction to Conic Sections and Circles 1.2 Definition and Equation of a Circle Questions below: 1.) 2.) 3.) 4.) 5.) 6.) 7.) 8.) 9.). E Unit 1: Introduction to Conic Sections and Circles 1.2. Definition and Equation of a Circle Questions below: 1.) 2.) 3.) 4.) 5.) 6.) 7.) 8.) 9.). E Unit 1: Introduction to Conic Sections and Circles 1.2. Definition and Equation of a Circle Questions below: 1.) 2.) 3.) 4.) 5.) 6.) 7.) 8.) 9.) E Unit 1: Introduction to Conic Sections and Circles 1.2. Definition and Equation of a Circle Questions below: 1.) 2.) 7.) 8.) 9.) E Unit 1: Introduction to Conic Sections and Circles 1.2. Definition and Equation of a Circle Questions below: 1.) 7.) 8.) 9.) E Unit 1: Introduction to Conic Sections and Circles 1.2. Definition and Equation of a Circle Questions below: 1.) 7.) 8.) 9.) E Unit 1: Introduction to Conic Sections and Circles 1.2. Definition and Equation of a Circle Questions below: 1.) 7.) 8.) 9.) E Unit 1: Introduction to Conic Sections and Circles 1.2. Definition and Equation of a Circle Questions below: 1.) 7.) 8.) 9.) E Unit 1: Introduction to Conic Sections and Circles 1.2. Definition and Equation of a Circle Questions below: 1.) 7.) 8.) 9.) E Unit 1: Introduction to Conic Sections and Circles 1.2. Definition and Equation of a Circle Question of problems a particular change of variable is su... find the Fourier transform of the following. 2. (11.8) A Gaussian function g(t) = e t /2 has a Fourier transforms (scaling, time s... Are the following independent or dependent events? 42. Choosing a green M&M from a pack and buying a winning lottery ticket 43. Paying off a loan and walking in the rain 44. Choosing ... For mallard ducks and Canada geese, what percentage of nests are successful (at least one offspring survives)? Studies in Montana, Illinois, Wyoming, Utah, and California give the following percentage... All held questions will be shown to you again at the end of this test. You have held 11 questions so far. F 5% A D 10% 15% B C 30% 40% The circle graph shown above represents the distribution of the g... Given 5 < a < b X - a Determine the domain of f(x) = (x - b)(x - 5) O a. (- 00,5)U (5,a)U(a,.) O b. (5,b) O c. All real numbers O d. x = 5, x = b, x = a O e. None of these options You are given: (i) The following Markov chain: Healthy (0) Stage 1 (1) Stage 2 (2) Dead (3) (ii) The following transition forces: Arts = 0.02, As = 0.05, pas = 0.1, 23-=0.2, 3 -0.5 (iii) Continuous... n this question you will be writing some constraints for a linear programming equation! Customer k=1 requires at least 3,000 units. Factory i=1 can supply up to 6,000 units. Distribution center j=1 ca... Please provide Handwritten answer. 1) Given $x = vuz + E2 \sin 0 \sin 1 z = u \cos 0 ds^2 = dx^2 + dy^2 + dz^2$ where E is treated as constant Derive: ds2 u2 + E2 du? + (u2... Suppose the speed commuters typically drive on the 5 freeway is normally distributed with a mean of 75 miles pe hour and a standard deviation of 10 miles per hour. If 16 commuters are randomly... business mathematics. A piece of property tax rate is \$3.75 on each \$100 is assessed, or evaluated, for property tax rate is \$3.75 on each \$100 is assessed, or evaluated, for property tax rate is \$3.75 on each \$100 is assessed. lot if the width w is 55 feet and the perimeter P is 250 feet. feet determine the final amount if \$8500 is invested at 5%, compounded semi-annually? 3. Determine the sum o... Subject: Differential Equation Kindly solve the Differential Equation-Reduction of Order, Method of undetermined coefficients, Variation of parameters 1. (D 2 -5D+6)y=2e x, use the Reduction o... Please provide Handwritten answer. Consider the complex numbers: $2 \times A = \$5 - j$; B = -7 - 19; C = 10e (i) Write down the magnitude and phase angle of the number: D = (A - B)'/CVS. (ii) Find the phase
angles ... How many solutions does the equation have? How is this shown on the graph? ne Quiz (optional) Remaining Time: 02.24:39 Perform this 6-bit addition where the given binary on 6 bits (do not convert to decimal). Det... solve equations and compute correct answers. Do not just give the sol bits and pieces. Clarity of presentation of your argument counts. Chapter 1 1. Let P, Q and R be statements. Show that $\{xn\}$ has a limit. (Hint: Show first it's Cauchy.) Hi, I have a new course that use sum I found it very difficult n n E E = ? i=1 j=1 the answer is n(n+1)/2 I dont have the therory, could you help me to do my exercise with a good tutorial (in english ... Un espejo cóncavo de afeitar se fabrica de tal forma que un hombre a una distancia de 20 cm de este ve su imagen aumentada 1.5 veces. ¿Cuál es el radio de curvatura del espejo? Translation. A co... c.) Find the Standard Deviation of this Probability distribution: Question 4 12 pts 9 1 0 Details Question #4: Binomial Distribution (12 points - 4 points each) Mary's Final Exam for Psychology has 10.... In the aeronautical market, Boing and Airbus constitute a duopoly in the production of large airplanes. The American firm has the following cost structure C(qa) = 20 + 3qa + qa, and the European f... A simple model for a semi-permeable membrane is represented by the following diagram. A B The transport in both directions is at the same rate as represented by the following diagram. A B The transport in both directions is at the same rate as represented by the following diagram. is the exponential form of log, 125 = 3? A. 5125 = 3 C. 53 = 125 B. 3125 = 5 D... Please use Excel solver if possible.. American Auto is evaluating their marketing plan for the sedans, SUVs, and trucks they produce. A TV ad featuring this SUV has been developed. The company estimat... You wish to determine the quality of wine based on the percentage of alcohol and the type of wine, white (0) or red (1). Quality % Alcohol Wine Type of W... Can you show me how to do this question 3 of 6 A \$3,000 bond that has a coupon rate of 5.60% payable semi-annually and maturity of 5 years was purchased when the yield was 4.60% compoun... pls help me with this. Question 2 (5 marks) Show your work and draw box(es) around your final answer(s). Use algebraic methods unless otherwise stated. The volume of air in a model car is 40 cm3. A s... can you please explain these equations with grade 12 solution? other tutors were answering me by rule "In" which I didn't learn yet. thanks a lot. f) 6* = 29 (to / dec. place) 9) 2x- 5= 10(3*) (exa... In the United States, the annual salary of someone without a college degree is (on average) \$29,073, whereas the annual salary of someone with a college degree is (on average) \$29,073, whereas the annual salary of someone with a college degree is (on average) \$29,073, whereas the annual salary of someone with a college degree is (on average) \$29,073, whereas the annual salary of someone without a college degree is (on average) \$29,073, whereas the annual salary of someone without a college degree is (on average) \$29,073, whereas the annual salary of someone without a college degree is (on average) \$29,073, whereas the annual salary of someone without a college degree is (on average) \$29,073, whereas the annual salary of someone without a college degree is (on average) \$29,073, whereas the annual salary of someone with a college degree is (on average) \$29,073, whereas the annual salary of someone with a college degree is (on average) \$29,073, whereas the annual salary of someone with a college degree is (on average) \$29,073, whereas the annual salary of someone with a college degree is (on average) \$29,073, whereas the annual salary of someone with a college degree is (on average) \$29,073, whereas the annual salary of someone with a college degree is (on average) \$29,073, whereas the annual salary of someone with a college degree is (on average) \$29,073, whereas the annual salary of someone with a college degree is (on average) \$29,073, whereas the annual salary of someone with a college degree is (on average) \$29,073, whereas the annual salary of someone with a college degree is (on average) \$29,073, whereas the annual salary of someone with a college degree is (on average) \$29,073, whereas the annual salary of someone with a college degree is (on average) \$29,073, whereas the annual salary of someone with a college degree is (on average) \$29,073, whereas the annual salary of someone with a college degree is (on average) \$29,073, whereas the annual salary of someone with a coll constraints are less than 0 or free. What does it change? . Exercise 3) Put the following ... Divide 896 by 16 using partial quotients. Compare the methods. For example, how is the 80 in the standard algorithm expressed in the partial-quotients method? A group of 420 students are required to take a test. Of these, 390 actually take the test, and 30 are absent that day. (i) Write down the ratio of the number of students who take the test to the num... Jayden has been on a hiking trip for 95 days. The histogram shows the numbers of miles she hiked on those days. What interval contains the 35th percentile for this data? Give an example of two denes not equal X subsets of (R, r) and (Z, toof). (Explain your answer). You can wash 36 loads of laundry with a box of detergent that costs \$10.79. How much will it cost you to wash 10 loads? I Julia says that it's easy to multiply a num- ber by 4 because you just "double the double. Explain Julia's idea, and explain why it uses the associative property of multiplication. (4.) An observer (coordinate system) with 4-velocity U measures the properties of a particle with 4-momentum p. Show that the Euclidean metric of the observer's 3-space, when thought of as a tensor ... Assume the random variable X has a binomial distribution with the given probability of obtaining a success. Find the following probability, given the number of trials and the probability of obtaining ... Pure tone sound waves are sinusoidal oscillations of the density of air. Our model of waves on an elastic string (beads and massive strings) suggests that waves of moving matter depend on a restori... Fur numbers 1 -6. A bus izornpan}: roperates tour bus routes [A B. C, and D] and 50 buses. The buses are apportioned among the routes on the basis of average number of daily passengers per route which... not sure what to do . Subtract the following in hexadecimal. Your answer must be a hexadecimal number ESE.C 57A.2 kindly answer both parts. (a) Show that, if $u := (x, y_{-}) = (1, 1, 1)$ is a solution to the system of equations so is u + k(-1, 1, 1) for any value of k. (b) Let matrix A E "xml with elements ajj. v... Assignment 15.3 Line Integrals Progress saved Done Score: 35/45 7/9 answered Question 5 > 0/5 pts ' 65535 92 Evaluate F . dr where F = < 5x - y, x + 4y > , and C is the circle of radius 5 cen... In a recital, there were 15 boys dancing. If 1/3 of the dancers were boys, how many dancers were there in all? If I generate 100 lbs of force at a distance of 1.2 m from the axis of rotation, how much torque did I generate? Molly Joy owns her own car. Her June monthy interest is was \$205. The rate is 13.5%. Find out what joys principal balance is at the beginning of june . use 360 days (dont round denominator) round to n... What is the future value of payments of \$200 made at the end of every 3 months for 12 years if money is worth 5% compounded quarterly? 2. What payment made at the end of e... A water tank is empty. Anil needs to fill the tank with 2400 litres of water. Company A supplies water at a rate of 8 litres in 1 minute 40 seconds. Company B supplies water at a rate of 2.2 gallons p... What price do farmers get for their watermelon crops? In the third week of July, a random sample of 40 farming regions gave a sample mean of x = \$6.88 per 100 pounds of watermelon. Assume that a is kn... Suppose you want to minimize the surface area of a cone-shaped drinking cup having fixed volume VO. Solve the problem as a constrained optimization problem as follows: The area is A = mrvr2 + h2 su... ANSWERING THE FOLLOWING IN R STUDIO #1)A study was made by a retail merchant to determine the relationship between 4 area is A = mrvr2 + h2 su... ANSWERING THE FOLLOWING IN R STUDIO #1)A study was made by a retail merchant to determine the relationship between 4 area is A = mrvr2 + h2 su... ANSWERING THE FOLLOWING IN R STUDIO #1)A study was made by a retail merchant to determine the relationship between 4 area is A = mrvr2 + h2 su... ANSWERING THE FOLLOWING IN R STUDIO #1)A study was made by a retail merchant to determine the relationship between 4 area is A = mrvr2 + h2 su... ANSWERING THE FOLLOWING IN R STUDIO #1)A study was made by a retail merchant to determine the relationship between 4 area is A = mrvr2 + h2 su... ANSWERING THE FOLLOWING IN R STUDIO #1)A study was made by a retail merchant to determine the relationship between 4 area is A = mrvr2 + h2 su... and a study was made by a retail merchant to determine the relationship between 4 area is A = mrvr2 + h2 su... and a study was made by a retail merchant to determine the relationship between 4 area is A = mrvr2 + h2 su... and a study was made by a retail merchant to determine the relationship between 4 area is A = mrvr2 + h2 su... and a study was made by a retail merchant to determine the relationship between 4 area is A = mrvr2 + h2 su... and a study was made by a retail merchant to determine the relationship between 4 area is A = mrvr2 + h2 su... and a study was made by a retail merchant to determine the relationship between 4 area is A = mrvr2 + h2 su... and a study was made by a retail merchant to determine the relationship between 4 area is A = mrvr2 + h2 su... and a study was made by a retail merchant to determine the relationship between 4 area is A = mrvr2 + h2 su... and a study was made by a
retail merchant to determine the relationship between 4 area is A = mrvr2 + h2 su... and a study was made by a retail merchant to determine the relationship between 4 area is A = mrvr2 + h2 su area is A shape B are each made from five identical squares. Not drawn accurately Shape A shape B The perimeter of shape A is 60 cm. Wor... DIRECTION: ESSAY: Answer briefly. How can you apply Polya's four-step problem strategy in solving problems related to your study as BS Public Administration student? A door-to-door salesman expects to make a sale 14% of the time when starting the day. But making a sale increases his enthusiasm so much that the probability of a sale to the next customer is 0.24. If... Question 2: (15 points) Find a basis in the subspace spanned by the following set of vectors, and determine the dimension of this subspace: 0 -3 N You have \$100 and you put \$6 into savings What % of your money are you saving? A farm co-op wants to grow corn and soybeans. They have 4,000 acres that can be used to grow their crops. Each acre of soyb... Considerons 3 populations normales avec une variance commune o' = 100. (a) Determiner la taille des groupes n requise pour un plan equilibre (nj = ng = n), afin que la puissance du test de l'egal... Can i please have full working out to this question and it's parts, thank you!. Question 3 [30 marks] Given the following vectors in component form: v = (3, -3, 0) w = (3, 3, 0) = (-1, -4, -5) r = 3...Determine whether each of the following statements is true or false. Note that in this question R is the last digit of your student ID (e.g., ... psi = $(100 \text{ psi}) \times 1$ foot of head = 39.95 feet or 40 feet 0.433 psi 1. C... In order to find the derivative of 2x, find 2x^0 which is really 2(1), which comes out to be 2. 1) Calculate the fundamental frequency of E6 b when using the following tuning systems. Round your answers, if needed, to the nearest 0.001 Hz. a) Harmonic Series Tuning (Keyed to A) b) Just Intonatio... Please help answer this! A 40 m building casts a shadow 28 m long. What is the angle of elevation from the ground to the top of the building? Questions 1A, 1B & 1C. 1. You are given three complex numbers are: Arg(=1) = 61.930, Arg(=2) = 77.320 and Arg(23) ... Solve the following extended Benjamin-Bona-Mahony equation using Spectral Methods. Report your results along with numerical solutions, comparisons, plots and MATLAB scripts.. To solve numerically the ... sle. 1) (5 points) Make a math drawing that shows how to organize 16 small objects in a way that corresponds to the way we write 16 in the base- ten system. Exercise D. Solve the problem by working backwards applying Polya's 4-step in problem solving. Sarah leaves Seattle for New York in her car, averaging 80 mph across open country. One hour later a plan... 1) Use the quotient-remainder theorem to find the gcf {70, 56}. 2) Find all integers solution to 70q + 56p = 14 A sales flyer for a music store offered a discount of \$325 on an electric guitar that had a list price of \$1,259.99 To promote the start of the sale, an additional discount of \$85 was offered on ... Hi! With explanations and full solution please, I really want to learn this but I am having a hard time understanding. Topic: Cash Flow and Deferred Annuity find the x-intercept of the grap of each quadratic function. = X 2 LC + 8+ 12 What is probability that the total amount defaulted in a given quarter will be less than or equal to 1.2 million pesos Please solve this problem . Theorem 3.3.7. Let f : X -> Y and g: Y - Z be functions. (a) If f and g are surjective (one-one), then go f is injective. (b) If f and g are surjective (onto), then go ... please explain. IV Suppose that the system is x(1) = -x(1) + 4u(1), x(0) = 2 Control constraint: -1 S u(t) < 1 Find control function u(t) such that J = | [2x(t) - u(t)]dt is minimized. Wong is employed at an annual salary of \$23,213 paid semi-monthly. The regular salary period? (b) What is the hourly rate of pay? (c) What is t... Overproduction of uric acid in the body can be an indication of cell breakdown. This may be an advance indication of illness such as gout, leukemia, or lymphoma.f Over a period of months, an adult mal... q questions are complete . Fixe-9×2 Oa ; The- 36 12 Ob) 20 - 912 O c) None of these Od) in 36 54 12 36 3. -3an The solution of the coefficient recursion relation ant1 = 2 (n+1), n 2 0, is an O a) ... Question 135 employees were asked if they completed new employee training and if they were hired in the last year (categorized as a new employee). The results are shown in the table below. Y X W Which of the following is the best description for this pair of angles? complementary O acute O straight O supplementary please help me. Find the circumference. Use 3.14 for It. r = 4 cm C = [?] cm C = TCd Find the feasible solution for the below simplex tableau. Find x1,x2,s2,s3,s3,P. Please provided explanation.. 21. Use the simplex tableau below to answer the question that follows: X 08 1 -.4 0 0 8.6... can a function f(z) which is purely real-valued be analytic? describe the behavior of such functions.. 3. Can a function f(z) which is purely real-valued (i.e. 3[f(=)/=0) be analytic? Describe the behavior of such functions.. 3. Can a function f(z) which is purely real-valued (i.e. 3[f(=)/=0) be analytic? Describe the be... find the 7 complex roots of the following: 1. Find the 7 complex roots of the following: 1. Find the 7 complex roots of (128) 1/7. Sir i am stuck for this question. 10. Calculaji: a) lim (1 + x213) b) lim c) lim - xsin+y; x+y*0. x+0x+y X QUESTION 2. 1 POINT Jenny has 84 one-dollar bills and 48 five-dollar bills. What is the ratio in number of one-dollar bills? Simplify your answer. Provide your answer below: Find the general solutions behave as (+ co. (a) x' = X (b) x' = X (c) x' = X (b) x' = X (c) x' 2 X 1. Solve each initial value problem. Sketch the trajectory of the... Gradebook Remaining Select the correct loops to simplify the given function in SOP (sum of products) form: Note To select he correct loops to simplify the given function in SOP (sum of products) form: Note To select the correct loops to simplify the given function in SOP (sum of products) form: Note To select he correct loops to simplify the given function in SOP (sum of products) form: Note To select he correct loops to simplify the given function in SOP (sum of products) form: Note To select he correct loops to simplify the given function in SOP (sum of products) form: Note To select he correct loops that wrap around the edges of the table, you must select he correct loops to simplify the given function in SOP (sum of products) form: Note To select he correct loops to simplify the given function in SOP (sum of products) form: Note To select he correct loops to simplify the given function in SOP (sum of products) form: Note To select he correct loops to simplify the given function in SOP (sum of products) form: Note To select he correct loops to simplify the given function in SOP (sum of products) form: Note To select he correct loops that wrap around the edges of the table, you must select he correct loops that wrap around the edges of the table, you must select he correct loops that wrap around the edges of the table, you must select he correct loops that wrap around the edges of the table, you must select he correct loops that wrap around the edges of the table, you must select he correct loops that wrap around the edges of the table, you must select he correct loops that wrap around the edges of the table, you must select he correct loops that wrap around the edges of table. is closed if and only if A contains all of its limit points. In a secret laboratory, ethically compromised engineers have developed nanites, microscopic robots capable of self-replication. The nanites of f(1) using the formula f'(:n) = f M + h) — Mr) + f(2: — h) h? (c) (5 marks) Find the exact and relative error for the approximat... 1. Stuart Daniels estimates that he will need \$28,000 to set up a small business in 7 years.(a) How much (in \$) must Stuart invest now at 8% interest compounded quarterly to achieve his goal? (b) How mu... Gonzales is a famous or well -known lender of money to a community. In his desire to pay mr. Fernandez in his debt he accused him of "estafa" because he had sent him several times a notice to pay ... A Sierpinski gasket is being construction will be Group of Suppose you need to choose between two car rental companies. You plan on driving for 8 hours at a constant speed of 60km/h. Company 2 charges ... Answer directly no explanation needed, answer as fast as you can this has time limit. Question 3 Solve the equation Not yet answered 91-2x - 37-5x Marked out of 2.00 Select one: Flag question O = 40 + 5Q where EP is the price per ticket and Q is the number of ti... Please help with this advanced math question. Please note this is convex NLP. In this MATH336 assignment problem, suppose (NLP) min f(x) s.t. gi(2) <0, i = 1, ..., m is a convex NLP, and x() and x(2... QUESTION 3.1 POINT Carpet costs \$25 for every square foot. The base pay to install the carpet is \$300. a. Write a linear model to represent this. b. How many square feet of carpet can you buy for \$1... hi, can you help me answer this guestion?. Praktis Kendiri 10.2 Buku teks: Muka surat 238 1 Rajah di bawah terhasil dari gabungan tiga bentuk. ABCG ialah sebuah trape... Show work for each problem. 18. Fill in the blank with an appropriate word, phrase, or symbol. When using the pairwise comparison method, the number of comparisons, c, needed when there are n candidat... In a completely randomized design, seven experimental units were used for each of the five levels of the factor. Complete the following ANOVA table : ?... Answer question A and B. a. Use the appropriate formula to determine the periodic deposit. b. How much of the financial goal comes from deposits and how much comes from interest? Periodic Deposit
Rate... [-/1 Points] DETAILS BBUNDERSTAT12 3.3.007.MI. At one hospital there is some concern about the high turnover of nurses, A survey was done to determine how long (in months) nurses had been in their cur... Let f (n) be the number of elements in me group of symmetries. of a regular n-gon. Let gin) be the number of elements in Jym (\$ 1, 2, ..., n 3). Find me following limit : gin) F (n) > Next question Get a similar question for every page she types. Which graph shows this linear pattern? 20 18 20 16 18 14 16 Dollars 12 14 A (\$) 10 Dollars 12 8 O c. (\$) 10 NA 1 2 3 5 Pages N 5 P QUESTION A2 (4 Marks) B A b ... Please provide Handwritten answer. Are formulas of the following form generally valid, satisfiable?. C) (('x)VAAXE By A(y, y) D) [3x A(x) [(x)AXE 3x [A(x B(x] = please help with 2(a) Dont mind if theres only process as partial credits are needed too. 2. Suppose y(s) is a unit speed curve in 3-space. A surface S in 3-space is said to rectify (or straighten) th... Use break-apart to find each product. 5. $6 \times 8 = (6 \times 4) + (6 \times 6.7 \times 3) = (7 \times 1) + X + 2$ + Evaluate the expression C(12, 3), equivalently 120'3. Your answer is : Assuming the initial values of the unknown variables as indicated below; use Gauss-Seidel Iteration Method to find the solution of the diagonally dominant four-equation-four-unknown system by perfo... What is Fibonacci and what did he do? 2. Why did Fibonacci number, Fib (1) = 1 and the second Fibonacci number, Fib (2) = 1, what is the 151'1 Fi... A town's population increases at a constant rate. In 2010 the population was 54,000. By 2012 the population had increased to 79,000. If this trend continues, predict the population in 2016. The population are x-1, x+3 and x+1, find: (a) the value of x (b) common ration and the first term (c) sum to infinity Please explain your answer in details. The profile below shows the preferences of voters in an election with 4 candidates (W, X, Y, and Z). Determine the Borda count winner of this election. Use t... For this discussion, you will be reading and interpreting graphs, tables, and maps from a particular news report. Specifically: Refer to the following report about dropout rates (Links to an externa... don't understand the equation of the work. Activity 14.1 Pie charts 30 minutes 1. The home languages of individuals in a certain group of South Africans are recorded in the table. ... (Calculus 1) Find all the critical points of the give function. Then determine whether the critical points are local maximum or minimum. f(x) = (x² - 1)⁴. Find all the critical points of the given ... Consider the following system of nonlinear difference equations Tn+1 = 20n - 3Tryn, Un+1 191 09 yn - y (a) Find the two steady-states... There is a total of five questions just couldn't fit. Exercise . Use the data for the human population density/km for each decade. . Compute the rate of change in human population density for each dec... Find the present value and the compound discount of \$4000 due in seven years and six months if interest is 8.8% compounded quarterly Consider the following BVP for the diffusivity equation with the inclusion of a term G(x,t) usually conceived as a thermic source d'u + G(x, t) = du. 0 < x < L, t > 0 at ux (0, t) = 0, ux (L, t)... PLEASE SLOVE THIS QUESTION. Section 16.1 Follow-up Exercises For each of the following functions, (a) determine whether f is increasing at x - 1. Determine the values of x for which / is... Solve the System by Elimination/Addition $\{5x+3y=11\ for which / is... Solve the System by Elimination/Addition for which / is... Solve the System by Elimination/Addition for which / is... Solve the System by Elimination/Addition for which / is... Solve the System by Elimination/Addition for which / is... Solve the System by Elimination/Addition for which / is... Solve the System by Elimination/Addition for which / is... Solve the System by Elimination/Addition for which / is... Solve the System by Elimination/Addition for which / is... Solve the System by Elimination/Addition for which / is... Solve the System by Elimination/Addition for which / is... Solve the System by Elimination/Addition for which / is... Solve the System by Elimination/Addition for which / is... Solve the System by Elimination/Addition for which / is... Solve the System by Elimination for which / is... Solve the System by Elimination for which / is... Solve the System by Elimination for which / is... Solve the System by Elimination for which / is... Solve the System by Elimination for which / is... Solve the System by Elimination for which / is... Solve the System by Elimination for which / is... Solve the System by Elimination for which / is... Solve the System by Elimination for which / is... Solve the System by Elimination for which / is... Solve the System by Elimination for which / is... Solve the System by Elimination for which / is... Solve the System by Elimination for which / is... Solve the System by Elimination for which / is... Solve the System by Elimination for which / is... Solve the System by Elimination for which / is... Solve the System by Elimination for which / is... Solve the System by Elimination for which / is.... Solve the System by Elimination for$ un juego de comedor a 1.329 para pagarlo mensualmente durante tres años. Ella pagará a un interés de 1.4% mensual. Cuánto será sus pagos mensualmente mathematics as a science of patterns teaches us how to think logically, critically, and Circle the verbs in the following sentences and answer the following with TRUE or FALSE a. The capital of Philippines is Davao. Mark is investing an amount at 15% simple interest for 3 years. If he extends to have P48, 200.00 at the end of the speech, how does Lincoln characterize the American system of government? The Continental Bank made a loan of \$20,000 on March 25 to Dr. Hirsch to purchase equipment at her office. The loan was secured by a demand loan subject to a variable rate of interest that was 7% on M... Assume that x has a normal distribution. Find the indicated probability. LO USE SALT u = 108; 0 = 18 X Need Help? Read It If your home is on a 1/4 of an acre, how many square inches is that? show steps you will write down all of the computations explicitly and explain each step in your proof clearly.. 1) Prove that T = \$ ding (era FB, ei(x + B)) 1 x, BE [0, 270) ? is a maximal torys in SU(3). please help me answer this . Direction: Answer the following questions/problems. Write the letter which corresponds to your answer on the blank provided before the number. Use CAPITAL LETTERS. ... An ecologist measures the height (in metres) and the biomass (in tonnes) of 8 trees. h 0.60 0.85 1.50 1.70 2.00 2.20 2.40 3.10 M(h) 0.04 0.09 0.40 0.56 0.85 1.09 1.36 2.65 a) By computing some appropr... ine.instructure.com/courses/65284/quizzes/529292/take Question 23 6 pts Light intensity (I) is proportional (ox) to the inverse square of distance (d) of a subject from a light source. The relationshi... If you had 14,569 participants in a tournament, how many games would need to be played to determine the winner? (Assume no ties are allowed.) First, assume it's a single-elimination tournament. ... Line Integrals (a) Evaluate [F. dr, for F = xi - yzj + eck along the path I specified by r(u) = u3i - uj + uk for 0 < u < 1. Ans: e - 5/6 (b) Is this a conservative vector field? Ans: No (c... A 4.3 x 10 6 kg hovercraft, traveling initially at 43m/s [E], brakes smoothly and comes to a stop in 19 seconds. (a) Draw a system diagram and an FBD (b) Calculate the average of the hovercraft as i... Problem 7 (10 Points) Use a power series to find the solution of $y'' - 3 \times 2 y = 0$. math homework so we have. 3 (a) The following is a macroeconomic model in standard notation: Y = C + I + G C = 158 + 0.84Y 1 = 330 G = 200 (i) Reduce the model to two equations in two unknowns, Y and C. (i... pretty confusing can I get help?. 11. Determine if the function is linear, exponential, or weither and explain your cholos f(x) - 2(7)" Linear Exponential Neither (Circle one) Explanation: f (x] ... theese are mcges kindly give exact answer. Consider a periodic function of period 4: f() = 7+c, -2<z<0, -2x + c, 0<z<2. Substitute c = 2 and find the Fourier coefficient ag for this funct... 5) (4 points) Draw the next symbol in the sequence: O V XX I don't know how to do. 5. (a) The table below shows the floor area of the rooms in Amir's house. Room Floor Area (square metre) Living room 25 Bedroom 1 15 Bedroom 2 10 Bedroom 3 10 Kitchen 10 Amir i... Points A and B are position vectors where OA=3i+j-2k and OB=4i-2j+5k. Find vector v parallel to BA and whose magnitude is $3\sqrt{59}$ Obtain the cubic spline approximation for the following data. "Ill M with Mg = 0, M2 = U. Hence, interpolate at. I = 0.5 and 1' = 1.5. Dos espiras circulares coplanares y concéntricas de alambre transportan corrientes I1 = 5.00 A e I2 = 3.00 A en direcciones opuestas, como en la figura P30.64. Si r1 = 12.0 cm y r2 = ... Show that the set of solutions S of ax + by + cz = 0 for (a, b, c) 6 not = 0 is a vector subspace of R cube DryLab L 3: Numbers in the Real World in your course text. Additionall both of those chapters. Then return to Canvas to complete y This quiz consists of 5 multiple choice questions and is wor grade. please help explain steps. calumatity Of the given set. A B 11 10 A V C V n(An (BUC)) = Please provide Handwritten answer. Prove L.H.S = R.H.S. (a) et k 4t the T(a + 1) IM kta k! k please help me. exponential equality or exponential for n in the equation $4 \, 1.4"$ -64 Solve for x in the inequ... Determine whether the following boundary value problems are self-adjoint: a) y'' + 3y' + (2+2)y = 0, y(1) = 0, y'(0) + 2y(1) + 2y(M is a dominat... We are given a directed graph G = (V, E), two vertices u, $v \in V$ and a positive integer L. We want to figure out whether there exists a u-v-walk of length at least L(remember, in a walk we
allow repe... Question 2 The graph of the function f (x) = -x - 3 + 12 is a transformation of the graph of the function 0 point g (ac) = * by How Did I Do? . A vertical shift Click for List of Number units . A ... A grocery store had an average checkout time of 3 minutes. The management wished to improve this and installed a new checkout system. To test the new performance, they measured the checkout system. To test the new performance, they measured the checkout system. To test the new performance, they measured the checkout times x1,.... Prove that for all positive integers, n, n n2 (n + 1) 2 4 j=1 anlysis. 3. If f : (a, b) + R is a function, c E (a, b), and L E R, we say that lim f(x) = L x-C if for every e > 0, there exists a d > 0 such that x E (a, b) n (c - 6, c), w... A student was wondering if there was a significant difference in crime rates by type of crime. They took a random sample of six cities in Arizona (Sierra Vista, Gilbert, Chandler, Tucson, Yuma, and Ph... I am having trouble starting this problem.. Megan bought 200 shares of stock at a price of \$10 (per share). She sold fllLflf Hie shares at \$12 one year later. (1) What is Megan's dollar return in ... 2 Fibonacci sequence 1. Find a closed form for the terms of the Fibonacci sequence by solving the homogeneous constant coefficient recursion fo = 0, f1 = 1 and fn = fn-1+ fn-2. 2. Prove that Sn = fo +... Solve for x. Show all your work and calculations. a) log 16+x = 4 b) log, x-5 +9=12 Exercise 30 P(plant) = P(a) * 0.98 = 0.001 * 0.98 = 9.8 * 104 P(~plant) = P(~pnwant) P(want) 0.98 = P(plant) P(a) since P(t) = 1, P(a) * P(t) = P(a) * P(t) = P(a) * 0.98 = 0.001 * 0.98 = 9.8 * 104 P(~plant) = P(a) * 0.98 = 0.001 * 0.98 = 0.001 * 0.98 = 9.8 * 104 P(~plant) = P(a) * 0.98 = 0.001 * 0 PC(puau~t)... I need assistance on these past questions.. 6. (10 points) Suppose that y = y(x,u) and v = v(r, u) are functions with continuous Ist order partial derivatives, and that they satisfy the equations ryuv... [-75 Points] Coal is carried from a mine in West Virginia to a power plant in New York in hopper cars on a long train. The automatic hopper car loader is set to put 50 tons of coal into each car. T... Name: Navjot Navjot Date: 2021-12-07 Question 1 [5 points] A car repair shop specialises in exhaust pipe replacement. Every year it costs \$27,600 to rent the shop and maintain their equipment and \$... Write the closing journal entries using the below data of Right Corp. on December 31, 2020 40 marks Utilities expense 290 Dividends 305 Accounts receivable 600 Wages expense 615 Unearned revenue 245 ... EXERCISES: 1. Graph the following inequalities, then find the coordinates of the feasible region. a. 2x - 3y < 6 b. $4x - y < 8 \times +3y = 23 \times -3y < 2 \times +3y = -3y \times -3y = -3y \times -3y = -3y \times -3y \times -3y = -3y \times -3y$ problems. A building 60 feet tall casts a shadow 20 feet long. A person 6 feet tall is walking directly away from the building toward the edge of ... Richard Gaziano is a manager for Health Care, Inc. Health Care deducts Social Security, Medicare, and FIT (by percentage method) from his earnings. Assume a rate of 6.2% on \$128,400 for Social Securit... Nash Auto has two plants, two warehouses, and three customers. The plants are in Detroit and Atlanta, the warehouses are in Denver and New York, and the customers are in Denver are in Denver and the customers are in Denver and the custom 99 108 103 104 105 106 107 112 113 114 109 110 111 119 120 115 116 117... A loan (promissory note) of \$3,700 was made. It is to be paid back in 4 years with interest of 7.50% compounded guarterly. What would be the appropriate price to pay for the contract 6 months after th... Class: Data Visualization Top 10 high risk Money Laundering Country Data: Afghanistan (8.16), Haiti (8.15), Myanmar (7.86), Laos (7.82), Cayman Islands (7.84), Sierra L... please help. 13. State whether the following results are both reliable and valid. Explain. (6 marks) a) A national political survey asks a group of high school students what party they favour in order... /1 Points] DETAILS PREVIOUS ANSWERS BBUNDERSTAT 12 Make a tree diagram to show all the possible sequences of answers for four multiple-choice questions, each with four possible responses. Assuming tha... Use the Binet's Formula to find the following terms of the Fibonacci Sequence. 1) 40 th term 2) 47 th term 3) 59 th term The equation of motion of a vibrating string, in the limit of small vibration amplitudes, is given by the wave equation nze M azu at 2 p ox2' where u(x, t) is the perpendicular deflection of a point of... Question 1 We are interested in solving the differential equation ??? = [-?(?? - ??) + ?]?? + ??? For some constants ?, ?, ?. 1.1 Consider... a patient weighs 260 LBS, if given a medicine 15mg/kg per dose supplied in a concentration of 12.5 mL / 1000 mg to be given in three times per day, not to exceed 75 mL in a 24 hour period calculated??. Home Insert Page Layout Formulas Data Review View Help Tell me what you want to do Calibri 11 29 Wrap Text General BIUY Merge & Center \$~ % ' Conditional Format a... Look at the normal curve below, and find #, u to, and o. LL U+0= 87 89 91 93 nicipiti to your discussion. 7. XX Problem: Matteo is 4 feet 3 inches tall. Nico is 3 feet 11 inches t

22.78%, 22.78 of 100 points Save Part 1 of 5 O Points: 0 of 5 Find all points (x,y) where f(x,y) has a possible relative maximum or minimum. Then use the second der... You have collected data on monthly returns of 10 securities, as shown in the table below Monthly Returns Asset 1 2 3 4 5 6 7 8 9 10 11 12 1 0.004 -0.025 0.009 0.012 0.047 0.006 -0.019-0.037 0.025 0.02... A coin will be tossed twice. Let be the event "the first toss shows heads" and F the event "the second toss shows heads". Find the probability of showing heads on both tosses. In... solve this please. 5. A loan of \$12,000 is to be repaid by three equal payments due today, two months from now, and one year from now. What is the amount of the equal payments if interest is 7%? (Note... Homework for Introduction to Biomathematics Matrices 1. Let the matrices $||||_{1}$ [1 -1] [2 1] A := ... please show steps on how to solve the problem thank you. also if using any theorems or facts please state. . 1. a) For each unit-speed space curve with nonzero curvature <(s) show that the Fren... Questions 7-10: And now, yet again (I) we return to the duopoly price competition game. Recall that the demand curve is given by Q = 6 - p where p is the lower of the two prices are quot... Nad walked for 2/3 of an hour at 3 1/6 km per hour. But when he realized he forgot his cell phone, he turned around to return home to pick it up. If he walked for ... show your solution. find all numbers Xo between a and b which satisfy the equation f (Xq) = f(b) - f(a) b - g() f(x) = x 2 + 2x - 1; 1 = 0; 6=12. is the smallest possible value that the quota q can take? A12 B11 C 23 D 13 E none Can i please have this solved with full working out!! Please answer this. A firm uses inputs K (capital) and L (labor) to produce its output. The company's production function is: Q=100K0=5L0=5 If the price of input K is 40 smu (currency unit) per unit ... In what ways is a multiple linear regression better than a simple linear regression? Suppose that the monthly income of five-person families in a city is normally distributed, with a mean of \$25,000 and a standard deviation of \$4,000. (a) What percentage of five-person families ear... Suppose there is an angle $\theta\theta$ inscribed in a circle and this angle subtends a sector with area 13 square units. If $\theta = 8\pi 5\theta = 8\pi$ per year how much tax must she pay? Please with wo... if a piece of blueberry pie costs \$4 and a piece of apple pie costs 50% more than a piece of apple pie cost? What does the x mean? and how do I get that from Excel?. 0.001 13465 Hillary sells cosmetics from her part-time home-based business. She receives a straight commission of 21% from her supplier. At the year-end, she also receives a 7% bonus on sal exceeding her annu... If there are 10 chickens and 8 rabbits in a cage how many legs are there in the cage altogether The Discussion: In an attempt to figure out why there is a tremendous difference between Medicare reimbursements between states, data were pulled from the top and the bottom of the list that include t... Out of 3,900 colleges surveyed, 50% reported that SAT ac important in screening applicants? Question Horace's points per game of bowling are normally distributed with a standard deviation of 21 points. If Horace scores 254 points, and the z-score of this value is 3, then what is his mean poi... please help with 1a and 1b. 1. Let P be a convex polyhedron in 3-space with F faces, E edges, and V vertices. Let OP denote its boundary (the union of the faces). Denote the faces by f1..... fp and su... Sir, I am stuck on this question . 5. Given the function $f(x) = ex(x \cos y - y \sin y)$ show that $x^2 + fn 12 = 0$ 6. Verify if xfx + yfy = 1 for the function $f(x, y) = 2x^2y + 3x + 3y$ Please provide Handwritten answer. Consider the following order-requirement digraph with time units of minutes. T1 T5 T7 T2 9 9 6 T3 0 o e T10 T4 9 9 9 T9 T6 Determine both the critica path AND criti... Qno.1 This is all the information. I don't need everything done from the information I sent. I just need an outline of what to say in the presentation. econ roster I sent are the players I chose an... ements Consider the following credit card activity for the month of September: nts Date Balance ns September 1 \$0 September 7 \$315 September 15 \$1,025 September 18 \$1,525 September 25 \$2,289 If this c... Please answer the following Applied Mathematics problem. Problem A: Multi-particle dynamics analysis of airport baggage trucks at airports are connected to trailers in orde... what does the chart mean. Q4. The graph below represents a lemonade recipe. What is the constant of proportionality the graph? cups of lemon juice Fin cups of water Suppose now the two-factor APT is correct. Suppose two well-diversified portfolios A and B with betas on the two factors given by [3,4,1 2 1, 5,4,2 2 12,5551 2 .8, and 53,2 2 .96. Suppose E(TA) = 8% ... How long will it take money to double itsel if invested at the rate of 8% compounded semiannually? Remaining Select the correct loops to simplify the given function in PCS jproduct of sums) form: Never Ic select both sections that exten... ¿La figura geométrica denominada parábola, me podría ayudar en definir algún proceso de compra o de venta? Explique. I The observation that 10 E 1 mod 9 is the basis for the procedure of 'casting out nines'. The method is as follows the dig... Please provide Handwritten answer. Consider a vibrating bridge whose displacement as a function of time follows the equation y(t) = c1 sin(wt) + c2 cos(wt). Time 1,2,3,4,5,6,7 Displacement -0.0966789,... math plus help. 4. For the three-part question that follows, provide your response as Part A, Part B, and Part C. Part A: In the equ... The New York Times reports that Wal- Mart has decided to challenge Netflix and enter the online DVD- by- mail market. Because of economies of scale, Wal- Mart has a slight cost advantage relative to N... A student has to selected in different semesters. The expected grades in each subject if selected in di... I need help. A website sells custom messenger bags in 5 sizes. For each size, there are 53 color/fabric combinations. Any of these 53 can be chosen for the left, center, and rig panel. In addition, th... i need the answer. Question 5 (4 points) A rectangular piece of wall board with two holes cut out for heating ducts is shown. The remaining area needs one coat of paint. If a gallon of paint covers 40... When she turned 25, Rachael purchased 135 shares of Stock A for \$55 er share; 37 shares of Stock B for \$33 per share; 37 shares of Stock C or \$54 per share; 37 shares of Stock B for \$35 er share; 37 shares of Stock B for \$22 per share... When making a batch oforange juice for her basketball team, Jackie used 5 times as much water as concentrate. There were 32 more cups of water than concentrate. plz see . Suppose that g : [0, 1] x [0, 1] - R is a continuous function. Prove that the integral operator K : C([0, 1]) - C([0, 1]) defined by K f (2) = g(x, y)f(y)dy is compact. You plan to purchase a house for \$375,000 and you will make a 20% down payment. You are evaluating two mortgages a 30-year fixed mortgage at 2.67% and a 15-year fixed mortgage at 2.05%. Your goa... Answer the following questions A pizzeria lowers the price of its most popular takeaway pizza, the Margherita, from \$5 to \$4.50 and finds that the weekly quantity demanded of the pizzas goes up fro... Background: In this activity you will use simple materials to model an important and frequently used biological field technique known as "mark and recapture." This technique is used to estimate th... 30 55 (c) [worth 2 points] Determine the coefficient of r in (aty3+ 2y) 47. Solve the quadratic x + x + 4 = 0 where $x \in F 5$, $F 5 = \{0, 1, 2, 3, 4\}$ Could you help me prove that this corollary is true? The IVP (initial value problem) is x' = f(t,x) such that x(t_0) = some number. I was given a hint that this corollary follows from thi... Three cousins were going to combine their money to buy Granny a gift. Tessa agreed to contribute double the amount that Jerry could contribute. that, given A E Rxm and b E R", the following statements are equivalent: (i) There exists a y E RM such that A z = 0, we have b z = 0. You may us... (a)Let X be a probability density function defined by f (x) = x - 1,2,..., k 0, elsewhere (i) determine how to generate a random variate X. (3 Marks) (ii) generate random variate X, uniformly distribut... lest: MATH119 Test #2 Fall 2021 Question 2 of 15 This test: 50 point(s) possible This question: 4 point(s) possible Submit test Two debts, the first of \$13... Only answer (a) Thank you so much, I need this answer as soon as possible!. Upload your work for the following problem. Consider a life contingent annuity with the
following present value random varia... round to the. Suppose someone wants to accumulate \$50,000 for a colege fund over the next 15 years. Determine whether the following investment plans will allow the person to reach the goal Assume the ... The program could be python or R or whatever you choose. The professor did not give any example code. All the information is in the pics. Q4. Please read the syllabus defining the linear optimization ... In a data management class of 25 students, there are 8 with dark hair, 10 with glasses and 5 with dark hair, 10 with glasses. If a student is selected randomly, what is the probability that the student wil... The problems in this section will give some practice using power series to solve differential equations: i. Seek power series solutions of the give... Suppose x has a distribution with a mean of 90 and a standard deviation of 36. Random samples of size n = 64 are drawn. LA USE SALT (a) Describe the x distribution and compute the mean and standard de... Joan has savings of \$12,000 on June 1. Since she may need some of the savings account earns a 2.... Please provide Handwritten answer of. * If mandn are positive integers, show that the number of multiples of in not exceeding n i [h/m] and Let p be a positive prime and na positive intiger, shart th... Paris has come to you because she needs help paying off her credit card bills. Her statement at the beginning of month 1 shows the following balances: Credit Card Balance Monthly Rate Saks Fifth Avenu... Expand each expression using the compound angle formulas. (2 marks) a) cosi b) sin & ave repeat offinders. Alice is a sdal ouille whose job is to counsel people on parole. Let us say success means a IA USE SALT ing from to the P() P() P(4) (b) Make a histograme for the probably dinto ... can I have steps. 3.4 Consider the table below showing recruitment by gender at a new high school. Department Gender Total Males Females Mathematics Science HOAN Operations Humanities Total 15 13 28 W... Determine a quadratic spline s that interpolates the data f(0)=2. Use technology to find the correlation coefficient for each pair .compare your results with those obtained by initiation help explain pls. 3) (4 points each) Find the following sums: a) 1+3+5+7+...+513 b) 1+2+3+4+...+7,000 c) 700 + 701 + 702 + ...+7,000 c) 700 + 701 + ...+7,000 c) 700 + 701 + ...+7,000 c) 700 + ...+7Elimination/Addition (-2x-6y=20) (-3x-9y=33) (b) The policy makers pursue a fiscal policy. Assume that the marginal propensity to sume is 0.8 and the value of the recessionary gap is \$300 billion. (i) If the government changes its spending witho... Yankee Construction agreed to lease payments of \$762.79 on construction equipment to be made at the end of each month for six years. Financing is at 15% compounded monthly. b) If, due to delays, th... Can you please show the steps as well. (d). Use an appropriate technique to find the derivative of the following functions: V4+3x- (1) +11 1+ sec y Question 4 (a) Compute the Fourier series representation of: f (x) = -5x, -2 < x < 2 (9 marks) (b) Hence or otherwise, solve the heat conduction problem along a 2-meter rod described by: aTxx = T, ... Define the random variable N = min{n: -1X/ > 4} as the smallest number of standard uniform random samples whose sum is greater than four. please help with 5a. 5. Let o(s) be a unit speed curve in 3-space with nowhere zero curvature K. so we can define the torsion r and the Serret frame t, n, b as usual. We parametriza the tangential d... Use below reference: 9. Describe an instructional/learning activity in which students toss a plastic cup to estimate the probability that it will fall ... Sir i am stuck for this question only part 3:. Part 2. (Up to 4 points) Explain in your own words what cach parameter A, B, w, and is in the sinusoidal model: f(t) = Asin(wt - s) + B - Your descript... A worker placed white tiles around black tiles? b) Based on this pattern, how many white tiles around black tiles? b) Based on this pattern. (b) Consider the integral I = $e^{-(rite_{+} + IN)}$ de dx2... dIN First show that I = 7/2. Now one can formally transform the volume element de dr2... dex to N-dimensional spherical (hyper-spheri.... A periodic function is defined by -1, -7 < x<0 f (x) = and f(x) = f(x+2x). 1, 0 < X < (a) Sketch the graph of f(x) for x=-3x to x = 3x. (b) Find the Fourier series expansion of f(... Solve the following problem.. Use a combinatorial reasoning to evaluate (190 100) (200) (300) where the sum is over all non-negative integers r, s, t such that r + s + t = 100. (a) Consider the table below of data on the velocity of an object moving in a straight line. Use a numerical method to arrive at the best estimate you can for the acceleration at t=4 min. (Includ.... What is the difference between string and variable? A string is a text value while variable is the container to store any kind of values like string, float, boolean, integer etc. Assume that you must estimate the reach and frequency of competitor X, who spends \$8,500,000 a year. All that you know about X is that: the company allocates 50% of budget in prime-time TV, 25% ... Question 9 of 20 Two payments of \$12,000 and \$7,600 are due in 1 year and 2 years, respectively. Calculate the two equal payments of \$12,000 and \$7,600 are due in 1 year and 2 years, respectively. a general equation for each polynomial function of the form y = a(x - x 1)(x - x 2)...(x - x n) a) f(x) = f(x) = c f(x) = f(x) = c f(x)invested at 9% per year compounded monthly, the future value S at any time t (in month... Using the text, page 174, question # 9, complete the problem: (7th-grade classroom) A store is having a sale on several items of clothing. Jeans that originally cost \$28.99 are marked down 20%. Sw... Hi, I am in difficulty when I kept trying to do these questions. Could you give me a help to solve this question? Thank you so much. Q0 O3. If a <= b and b <= c, then a <= c O5. If a <= b and b <= c, then a <= c O5. If a <= b and 0 <... A particle P moves along a straight line. At time / seconds, the velocity vms ! of P is modelled as 1 = 101-17 -k 120 where k is a constant. (a) Find the acceleration of P at time / seconds, the velocity vms ! of P is modelled as 1 = 101-17 -k 120 where k is a constant. > B 0/10 pts '0 100 G Details Find the distance in between the point P(0, -1, 4) and the point Q(1, -3, -1). i would like to know the steps to this quadrilateral object by plotting and connecting coordinate points A (-5, -1); B (-1, -2); C (-2, -5) and D (-6, -4). 3.1 Reflect the object v... A 4 kg cat is receiving IV fluids at a rate of 6 ml/hr. The fluid has been running for 6hrs and 25 mins. How many ml has the cat received? 6. If a practice has 650 cats registered, 1250 dogs, 312 s... business mathematics. Equivalent Fractions are obtained by changing both the terms and value of the fractions O True False A doormat is 3 feet by 2, feet What is the area of the doormat? 2 - ft 3 ft Two boats, A and B, are observed from an origin O. Relative to O, their position vectors at time t hours after mid day are given by Find the minimum distance between the two boats. mathematics question. 5 Dalam satu cksperimen yang dijalankan di makmal, suatu zarah X dilihat bergerak seragam secara menegak dalam bentuk bulatan. Jadual 5 di bawah menujukkan ketinggian zarah terse... I dont understand this. Amy was looking at a table of conversions from meters. The table of conversions from meters. The table of conversions from meters to kilometers. The table of conversions from meters are equivalent to 2,000 meters. How can she determine how many kilometers. The table of conversions from meters are equivalent to 2,000 meters. segments from point P. A OO P B 1. If OA = 6 cm and PA - 8 cm, find OP. 2. If OP = 13 cm and PA = 12 cm, find OA. Consider the 3-stage explicit Runge-Kutta method, called the 3/8 rule of Kutta, according to ... Approximate graphically the radius and height of a cylinderical container with volume 60 cubic inches and lateral surface area 75 square inches. Volume of a cylinder = ... Jabsujzbsisbxusbwbzusnzgisangsisnauwijwnabais jaabiabsh usbaiajab iababsb Please provide Handwritten answer. 23. Show that the determinant of the tensor T can be expressed as follows det (T) = Str(T3) - 21ptr(T2) + =(17)3 where I = tr (T) = T is the first invariant of T. ... Please provide the solution for this question. 15.2. Show that a 2-message key-agreement protocol exists if and only if CPA-secure public-key encryption exists. In other words, show how to construct a... please help with 9.40 and 9.42 thank you. U are orthogonal families of curves. 9.40. Show that the -parameter curves on the surface $x = (r \cos e_{t} + (r \sin e_{t}))$, (i) has been an impurity probability density function of x, 0 < x1 f (x) = 1 2 - x, 1 < x52 0, othersise (a) Sketch the PDF. (b) Determine the mean. (c) D... (i) has been an impurity probability density function of x, 0 < x1 f (x) = 1 2 - x, 1 < x52 0, othersise (a) Sketch the PDF. (b) Determine the mean. (c) D... (i) has been an impurity probability density function of x, 0 < x1 f (x) = 1 2 - x, 1 < x52 0, othersise (a) Sketch the PDF. (b) Determine the mean. (c) D... (i) has been an impurity probability density function of x, 0 < x1 f (x) = 1 2 - x, 1 < x52 0, othersise (a) Sketch the PDF. (b) Determine the mean. (c) D... (i) has been an impurity probability density function of x, 0 < x1 f (x) = 1 2 - x, 1 < x52 0, othersise (a) Sketch the PDF. (b) Determine the mean. (c) D... (i) has been an impurity probability density function of x, 0 < x1 f (x) = 1 2 - x, 1 < x52 0, othersise (a) Sketch the PDF. (b) Determine the mean. (c) D... (i) has been an impurity probability density function of x. a unique optimal solution ii) has two corners that are optimal iii Is unbounded. (b) Define a c vector such that this LP. Problem 2: Find the inverse Laplace transforms of S (a) s2+4s-5 Search documents and file
names for text 1 (b) 53 + s Twenty-two coins consisting of nickels, dimes, and quarters are collected from a newspaper vending machine. The total value of the coins is \$2.55 and there are 4 more dimes than quarters. Find the num... Just wanna know if I did these correct. Exponential growth of certain t... Present Value Formula Achieve a million dollars in 30 years at 6% interest compounded continuously Given f(x) = x - 3x' + 11x - 6 a) List all possible rational zeros of the given function (3pts) b) Use Descartes' Rule of Signs to determine the possible number of positive and negative rea z... For each of the following cases, either explain why the case cannot occur or give an example to show how it can. a. Two negative numbers whose product is greater than both numbers b. Two negative n... TRY Solve the system of the equation is AB where A is the free term: matrix of the system and B is column free. A = ; B = A ; B = SYTEM OF LINER EUQATION.; B = A = ; B = A ; B = that has a wholesale price of \$499. Help her compare the price of the handbag in different situations by completing the following. (a) Donna ca... Find the maximum and minimum values of the given objective function of a linear programming problem. The figure illustrates the graph of the feasible points. (0,61 (5,6) z=4x + 3y (0,3) (5,2) (4,0) Th... Iwant some direction or ideas. Literature review. Read at least 3 papers on a particular geometry or solid modeling topic. Write a small report that compare and contrast different algorithmic approac... You contribute \$2,800 to an account at the end of every 6 months. What is the value in your account after 13.5 years if the interest rate is 2.3% compounded semi-annually? 2. ... What is the value of "a" that would create a system of equations with no solution? Please and thank you! :). 6 1 point In the system of equations below, a is a constant. What is the value -3x + y = 6 a... Sir, i am stuck on this question need step by step calculations For my combinatorics class - please include explanation! . 5. (3 points) Consider the following LP: max (1, -1, 2, 3, 0)x s.t. 51 3 1 2 2 1 1 3 2 x > 0. Each model A machin (20 points) Solve. (see Illustrations, # 4) A company produces three models of MP3 players, models A, B, and C. Each model A machin Augmented Lagrangian methods rely on existence of a finite penalty parameter p such that the Hessian of the augmented Lagrangian, m V2 LA(, A, P) = H(x) - > XiHi(x) + pJ(x) T J(x), i=1 is positive ... dataset link: ... Use the USDA grain barge rate data. One shorthand in the barge freight industry is that the mi... 9 years ago Mary purchased shares in a certain mutual fund at Net Asset Value (NAV) of \$74. She reinvested her dividends into the fund, and today she has 8.6% more shares than when she started. If the... Express the following mathematical statements into symbols: 1. a. Four more than twice a certain number x. b. Three less than twice a certain number x. 2. a. The sum of two numbers is 50. b. The ... Evaluate the following expression. [(11 + 37) +8-3 x2 Please and thank you!. Hattie had \$4800 to invest and wants to earn 3% interest per year. She will put some of the money into an account that earns 2.3% per year and the rest into an account that earns 2.4% per year. She will put some of the money into an account that earns 2.4% per year and the rest into an account that earns 2.4% per year. She will put some of the money into an account that earns 2.4% per year. determine how much of this value is from contributions and how much is from interest. Payments of \$340 made at the beginning of each quarte... plz solve it. solve by completing sQuate 62 - 20 + 1 (4 points}. For example 528 is a perfect number bec... Compute the effective annual rate of interest for 9% compounded monthly. Select one: a. 18.1% b. 9.4% c. 10.9% d. 0.75% Let Sn (R) = {Z E Mat, (R) : Z = Z"} and On(R) = {X E Math (R) : X" X = In}, where In denotes the n x n identity matrix. Note that Math (R) is an R-vector space of dimension n' and Sn(R) C M... Could someone help with explaining this problem please?. Look at the figure below. Notice the semicircle on the left, and the adjacent right triangle. 8 4 1. What is the measure of each of the two leg... MTH 116 W02 Quiz: Quiz 9: Percent (4.3 - 4.4) Question 9 of 12 This quiz: 12 point(s) possible This question: 1 point(s) pos The BiltWell Construction Company has submitted a bid on construction of a ... please help . Select the correct IODDE to simplify the given function in P03 {product of sums} term: Note: To select he correct IODDE to simplify the given function in P03 {product of sums} term: Note: To select he correct IODDE to simplify the given function in P03 {product of sums} term: Note: To select he correct IODDE to simplify the given function in P03 {product of sums} term: Note: To select he correct IODDE to simplify the given function in P03 {product of sums} term: Note: To select he correct IODDE to simplify the given function in P03 {product of sums} term: Note: To select he correct IODDE to simplify the given function in P03 {product of sums} term: Note: To select he correct IODDE to simplify the given function in P03 {product of sums} term: Note: To select he correct IODDE to simplify the given function in P03 {product of sums} term: Note: To select he correct IODDE to simplify the given function in P03 {product of sums} term: Note: To select he correct IODDE to simplify the given function in P03 {product of sums} term: Note: To select he correct IODDE to simplify the given function in P03 {product of sums} term: Note: To select he correct IODDE to simplify the given function in P03 {product of sums} term: Note: To select he correct IODDE to simplify the given function in P03 {product of sums} term: Note: To select he correct IODDE to simplify the given function in P03 {product of sums} term: Note: To select he correct IODDE to simplify term: Note: To select he correct IODDE to simplify term: Note: To select he correct IODDE to simplify term: Note: To select he correct IODDE to simplify term: Note: To select he correct IODDE to simplify term: Note: To select he correct IODDE to simplify term: Note: To select he correct IODDE to simplify term: Note: To select he correct IODDE to simplify term: Note: To select he correct IODDE to simplify term: Note: To select he correct IODDE to simplify term: Note: To select he correct IODDE to sim order to show that both sets P(N) and F(N, {0, 1}) have the same infinite cardinal, 2*0, we shall construct a b... Let R be endoved with the standard metric induced by the absolute value. Show that any open interval of R is a union of a countable family of closed sets. Mrs. Adams receives Cleocin 150mg po q6H for her upper respiratory tract infection. Cleocin is supplied in 75mg capsules. How many capsules will the nurse administer per dose? 2. A patient receives... Give an example of an infinite open cover of (0, 1) that does admit a finite subcover. All of question 5. h) The weights you calculated in steps (f) and (g) give you the optimal portfolio? What is the risk premium of this portfolio? What is the variance of this portfolio? [Hint: see ste... Discreate Math Plz write solution in print not in cursive. Thanks . 15 3. (a) Is it possible to have a 4-regular graph with 15 vertices? If no, explain why. If yes, construct such a graph. (b) The de... I would like to know if am correct. 2. In a class of 80 students, 50 students know English, 55 know French and 46 know German language. 37 students know English and French, 28 students know English, 55 know French and 46 know English and French, 28 students know English and French, 28 students know English, 55 know French and 46 know Englis GENERAL MATHEMATICS only rationale of the study At the time of her grandson's birth, a grandmother deposits \$5000 in an account that pays 4% compounded monthly. What will be the value of the account at the child's twenty-first birthday, assuming th... Find the general solution to the following differential equations using the method of variation of parameters. Hint. These matrices should look familiar, and since d(t) = exp(A(t - to)), then D-1(t... Petra can run 100
meters in 13 seconds, especially when she is running away from her mom Magda. How fast is that in miles per hour? Of course, you must show work for full credit. hi can you help me solve these . What is the degree of the 1 point following polynomial function? $f(x) = -2 \times 2 + 3 \times 4 - x + 2 \times 5 - 3 \times 3 \ O 2 \ O 3 \ O 4 \ O 5$. The equation of a quartic 1 point function f(x) wi... MTH 116 WO2 Quiz: Quiz 9: Percent (4.3 - 4.4) Question 11 of 12 This quiz: 12 point(s) This question: 1 point The allowable shear stress of a weld is 35% of the nominal tensile strength of the weld me... college mathematics. 22 9 First, rewrite and so that they have a common denominator. 25 10 22 9 Then, use <, =, or > to order and 25 10 22 0<0 0>0 0=0 25 10 X? Continue For each fraction, write an equivalent fraction with the given denominator. a. NH 12 Which digit goes in the empty box? O 2 0 4 0 6 0 8 Supposing Mang Juan owned a half hectare of land and he plan to plant mango in his whole area. How many seedlings of mango he need to plant in his ½ hectare? Given: Area: length 100m x width 50m Plan... Find the periodic cubic spline sp(x) passing through the 3 points (x, y,) given by (0, 3), (2, 1), and (3, 2). Then evaluate sp(1). 5) (6 points) Prove that adding (-4) is the same as subtracting 4 with the chip model and an explanation. Find the nth term is 125 n=25 c. 25th term is 125 n=25 c. 25th term is 120 d. 25th term is non-attacking castles be placed symmetrically about the diagonal on a 10 x 10 board. Castles are non-attacking if no pair is on the same row or column. In a symmetric arran... If you conducting a test for statistical study and you got outcome with the likelihood of 0.005. Please evaluate outcome. In an arithmetic sequence, the first term is -2, the fourth term in 16, and the nth term is 11998. a) Find the common difference d b) Find the value of n If \$49.52 was the final value, what was the percent change in the price of shares for a company and \$25.25 was the final value, what was the final value of n If \$49.52 was the final value of n Norte de tamaño mediano (200 a 400), propiedad de Cruz Blanca, depende del número de pacientes admitidos () y del número de pacientes a temperature of a city ch... The liquid contained within a finite closed right circular cylinder rotates about the axis z of the cylinder so as to have velocity field given by u = 0 x r where ? = 2z is the constant angular vel... Sylvia had planned a shopping trip to the United States so she bought US\$700 from a bank when the exchange rate was C\$1 = US\$0.7821. Later, her trip to the US was cancelled, so she returned to the b... Consider the map shown in the figure. Allison take? Use Polya's Problem-solving strategy. a. How ma... A market researcher was interested in gender differences in customer satisfaction with a particular restaurant. The researcher conducted an independent-samples t-test in order to find out if there a... The wholesale cost of a birdcage is \$55. The original markup was 46% based on selling price. Find the final sale price (in \$) after the following series of price changes: a markdown of 18% and a marku... A Ferris wheel has a 50-foot radius and the center of the Ferris wheel is 58 feet above the ground. The Ferris wheel rotates in the CCW direction at a constant angular speed of 3 radians per minute. J... Decide which loop structures are appropriate for the given scenarios. a. You have developed an application that will compute for the average of 10 even numbers in an array. b. You have designed an ... there are two parts to this question ok. Birth defects affect 1 in 32 babies born in this country will have a birth defect? ... Management of a small nautical base PETRI NETS MODELLING The goal is to show how this problem can be modeled using Petri nets. Feel free to use your own assumptions while modeling this. We want to m... Solve for x. 1.1 343x = 492x+31.2 log1/2(1/4) log1/8(1/16) 2. If they exist, evaluate the limit and the derivati... how to convert 43a4 from base 16 to binary and show the result in 32 bits binary. My result is 100001110100100 also does it matter if it is a capital A or lower case ? thanks Show that if log. x = 0.3, find the value of log, xxx. Final answer to 2 decimal places Convert the given exponential function to the form indicated. Round all coefficients to four significant digits. f(t) = 2.7(1.007)t; f(t) = Q 0 e kt f(t) = 2.7(1.007)t; f(t) = 2.7(1.0make a flowchart In races like running and cycling. The race was traditionally started by a gun with man racers at the start line and it actually took seconds or even minutes for all of the racers t... 13.15 LAB: Output a linked list. Method printLinkedList() has one parameter, the head nod... On the Huon peninsula of Papua New Guinea, a set of coral marine terraces grace the coastline. These are datable using U/Th methods and have yielded trustworthy dates back to several hundred thousand ... In solving a system of linear equations (expressed in three variables, x, y, and z) by Cramer's method, the following determinant values are provided. Determine the value of y The system: ax + by ... given the equation or inequalities. line or the broken line separates the planes which is the sha... Determine the indefinite integral for $\int (\log 2 (5x+1))2 / (5x+1) dx, x \ge 0$ 2. Determine the indefinite integral for $\int 1/(ex + 1) dx$ 3. Determine the indefinite integral for $f(x) = \int ...$ Create a fabric design inspired by the Mindanaoan indigenous culture and arts with an application of mathematical concepts. Make a short description of your design. Can you please verify my answers to the problem shown in the attached screenshot? To find an approximation to the minimizer of the function f(x) = ex - 2VI - 1 on the intervals [a1, bi], [a2, b2], [a3, b3] obtained by the golden section ... The total area of the pool and the walkway surrounding it, is $2 \times 2 + 16x + 30$ squared metres. What are the dimensions of the whole swimming pool with the walkway? [2] (hint : factor the given area) How many boards 5 inches wide will it take to cover a floor 217 inches wide? The binary linear optimization problem inf{c x : $Ax = b, x \in \{0, 1\}^{"}$ can also be written as infc x X, X subject to Ax = b (1) x E {0, 1} x = xx, where c E R", A E Rmx, and b E Rm Note th... I need help please. Question 16 (4 points) Word Problem Question 4: (You have to submit an image of your FULL solution to the question in eConestoga -> Course Tools -> Assignments [Final Exam Su... 7 Which graph best represents -Sy = -6x + 15? A C B D X X (B, 0) - (a, 0). Solutions converge to one of these trajectories, depending on the initial conditions. See Figure 7.10. Explain the dynamics as t -> co in terms of the two traveling wave solutions.... pls provide with clear explanation. 5. Rate of 100 cubic meters per second. How fast is the level rising... Topic: Relations and functions Question 1: Determine whether each of the functions below is onto, and/or one-to-one, prove your answers. f: $Z \rightarrow Z$, f(x) = -3x 2 + 7 Questi... In how many different ways can three distinct horses finish the race, if all sorts of ties are allowed to happen? I would like to know the total displacement in two scenarios: S1: If I drive 2 km east and then 1km north. S2: If I drive 2 km east and then 1km northeast. The average monthly temperatures in Windsor, Ontario, are represented in the following table. The data is periodic. Month Jan. Feb. Mar. Apr. May June July Aug. Sep. Oct. Nov. Dec. Average Monthly ... Equation 1 is a differential equation in terms of the differential rate of change. (dv/dt). It's a model that relates the acceleration of a falling object to the forces acting on it. dv dt = g - Cd m... Question Gail scores an average of 112 points in a game of bowling, and her points in a game of bowling are normally distributed. Suppose Gail scores 180 points in a game, and this value has a z-score... At an awards ceremony, nine women and eight men are each to receive an award and are to be presented with their award one at a time. Two of the awards are to be first given to two of the awards are to be first given to two of the awards are to be first given to two of the award and are to be presented with their award one at a time. Two of the awards are to be first given to two of two o 10 pesos for
the first 2 kilometers and an additional of 2.50 for every succeeding kilometers . how much will you pay if you traveled 8 kilometers ? Can you teach me how to do this?. Question 2 of 6 A bond that has a face value of \$2,500 and coupon rate of 3.40% payable semi-annually was redeemable on July 1, 2021. Calculate the purchase price ... 2 The effect of scale (range) and normalization of random variables in Hoeffding's in- equality (10 points) Prove that Corollary 2.5 in Yevgeny's lecture notes (simplified Hoeffding's in- equality for r... please help me. On your own paper, perform the subtraction problem in Mayan showing all steps. Take a picture of your work and upload it. Question Help Message instructor Question 6 0/1 pt 9 3 99 0 D... Please provide Handwritten answer. C - Tank A B C = 50 gallons salt water mixture - Each 10 gallery initially - All at a rate of r. Let XACJ, ABC+) 1KC (t) represent Salt in each tank at time + r = ... QUESTION 2 4 points Save Answer Re write the following drug concentrations in mg/ml format. Make sure to reduce to the lowest denominator. Don't forget to SHOW YOUR WORK for credit! a. 5% b. 0.1% c. 3... Just Exercise B. Look at the bifurcation diagram of the lac operon on p. 159. Draw the phase portraits for the two bifurcations (ie. for the two bifurcations (ie. for the two bifurcation occurs)... Binomial Theorem Extra Credit: Problem 5 (1 point) Write the first four terms of the binomial expansion of (a - 2b) 14. Answer:. Binomial Theorem Extra Credit: Problem 3 (1 point) What is the coeffici... please help this IDK what do to . Select the correct loops to simplify the given function in SOP (sum of products) form: Note: To select loops that wrap around the edges of the table you must select... Given the differential equation y' = x+2 and y(0)=3. Find an approximation for y(1) by using Euler's method with two equal steps. Sketch your solution. Write the points of intersections. (6 marks) a. 2x = y+7 x-y = -1 b. -3x + y = 12 15x + 3y = 12 Discuss the concept of "conservation" of area" (see page 182) and how this construct can help students understand the overall concept of measuring area. . 182 So, we see mat we can compute the area... Problem 1. A set D C X is called dense in a metric space (X, d) if its closure D = X. (a) Show D is dense if and only if every open ball B(r, r) with re X and r > 0 contains a point of D. (b) If (V... Informacion USA Concierge Botones CANADA Bell Boy Vicio Cuartos Room Service Servicia Medico Medical Service A forest hoo a 150 trees from the large number of forest are selected tall trees, of random... Three students share a townhouse find that their electric bill for October is 4.91 less than the September bill. The total of both bills 183.19 and each bill is split evenly. How much did each owe i... [-/1 Points] DETAILS SCALCET9 6.3.015. Use the method of cylindrical shells to find the volume of the solid obtained by rotating the region bounded by the given curves about the x-axis. xy = 2, X = ... convex please explain the solid obtained by rotating the region bounded by the given curves about the x-axis. xy = 2, X = ... convex please explain the solid obtained by rotating the region bounded by the given curves about the x-axis. xy = 2, X = ... convex please explain the solid obtained by rotating the region bounded by the given curves about the x-axis. xy = 2, X = ... convex please explain the solid obtained by rotating the region bounded by the given curves about the x-axis. xy = 2, X = ... convex please explain the solid obtained by rotating the region bounded by the given curves about the x-axis. xy = 2, X = ... convex please explain the solid obtained by rotating the region bounded by the given curves about the x-axis. xy = 2, X = ... convex please explain the solid obtained by rotating the region bounded by the given curves about the x-axis. xy = 2, X = ... convex please explain the solid obtained by rotating the region bounded by the given curves about the x-axis. xy = 2, X = ... convex please explain the solid obtained by rotating the region bounded by the given curves about the x-axis. xy = 2, X = ... convex please explain the solid obtained by rotating the region bounded by the given curves about the x-axis. xy = 2, X = ... convex please explain the solid obtained by rotating the region bounded by rotating t + (\$2 + 0.5)2] subject to 43:1 + 23:2 5 0, (1) 1131 + 1132 2 1: {132 Z 0. Q2.a Describe the tangent cone to the... (a) Show that the Gauss-Seidel method for solving a linear system Ax = b is a fixed point splitting method x = g(x), g(x = M-1(b + Na) with split matrices M = D + AL and N = -Au, where D is a diagon... business mathematics. Bernal receives a yearly salary of \$43 875.00. She is paid bi-weekly and her regular workweek is 37.5 hours. What is the hourly rate of pay? On March 1, the Zwick Balloon Company signed a \$5500 note with simple interest of 115% for 210 days. The company made payments of \$1750 on May 1 and \$2350 on July 1. How much will the company owe on t... Please answer all parts to the question below. I will Upvote!. 1. Prove the following inequalities: Add a single quadratic equation defined by four linear inequalities: Add a single quadratic equation f(x) = 0 ... Case study in Operations Research Course: Assigning Umpire Crews In addition to assigning schedules for each team, the American League must determine the best way to assign the unpropriate law. 257 18 40 d. PROBLEM 1 A geological company would like to take a sample o... A discrete 5-year decreasing annuity-immediate is issued to (90). You are given that (a) Define the present value random variable Y. (b) Find a92.5:2| under UDD. (c) Find the variance of Y. (d) Find t... Need help with step by step solution. Math 121 2. (19 pts) Use truth table to show the equivalence. p->(q->r) = (p-r) -> q Sir i am stuck for this question . 3. By using the definition of the partial derivate calculate, in the specified points, the partial order I derivatives for the following functions: a) f(x, y) = In(... (30 points) An alternating tensor alan = Elian) in n dimensions is a maximal-rank, totally anti-symmetric tensor with all contravariant indices. (An n-form has covariant indices.) a. Let caj-an b... iudjehejebubx. S10. Dalam rajah, HNP dan LHT ialah garis lurus. Nilai bagi x + y ialah * F G 100 20 V X 50 H V60 N P T 3.2. A vector field Q is defined as Q = 3x (y + z) + y' + z]i + 3y (z + x) + z' + x' j + [327 (x + y) + x3 + y3] k. Show that Q is a conservative field, construct its potential function and hence evaluate... mylearningspa My Profile - Zoom Remote Desktop Web Client Lab 4 - MA-102-Lab . [6 marks] The following table given this information: (Do not round intermediate calculations.) Cost of machine \$ 95,800 macrsJPG (1338×770) X + O Residual value \$ 4,300 Usef... Test: Test #2 Question 1 of 13 This test: 30 pointfel possible question: 3 points) possible The Canada Pension Plan premium deducted from an employee's wages was \$58.02, If the premium rate is 7.34% o... (2) [~Royden 10.3.30] For which $\alpha \in \mathbb{R}$ is the function $f(x) = \alpha x(1 - x)$ a contraction of [0, 1]? You'll also need to figure out when the image of f is even in [0, 1]. (Hint: in f(x) - f(y), y... An amateur movie critic keeps track of the genre of each genre she has reviewed so far this year. p: ... ShopSwiftly is a courier service specialising in supporting businesses with delivery of packages from online orders around Asia-Pacific region. With a surge in online orders around Asia-Pacific region. With a surge in online order service specialising in supporting businesses with delivery of packages from online order around Asia-Pacific region. X, is given by 16 5 p(k) = , k = 0, +1, 12, ... 21 21 09 Please dont solve just draw the compartment diagram for the model and what stochastic factor might be considered for this problem. The air in a small room 12 ft by 8 ft is 3% carbon monoxi... 2) (5 points) What are two most important features of the Base Ten system that we want to help students understand? Provide an example to demonstrate each feature. Si la utilidad de una compañía es de \$960,000 determina el precio de venta mensuales rondan las de 1700 unidades. El ... Problem 1.3: Stabilization The linearized equation of a pendulum is 9 + @026 = 15. Show that output feedback -k9 will not stabilize the system, but that this can be done by using a system EMF-0'... I don't know this can you help me?. Scenario 3: As part of their requirements in Statistics clams, Andrei made a survey on the religion of his classmates and here's what he found out Andrei: Good morn... Masonry On the basis of past experience, a contractor expects to find 4.5% broken bricks in every truckload. If he orders 2000 bricks, will he have enough to complete a job requiring 1900 bricks? A... i am trying to understand how I can apply this problem to matlab program m(t) = $6\cos(2\pi*1000\text{Hz*t}) c(t) = 3\cos(2\pi*9\text{Hz*t}) Kvco = 1000$, Kp = pi/7 Let n be a positive integer and define $Xn = \{1, 2, 3, ..., n\}$ and let An denote the power set on n. We define Xn = 0. Define for each k E Xn, define Pn.k via Pn,k -{ACXn : (A | = k}. We define Pn = {... Compute the integral I = dx e - iax 2 with azo by considering an appropriate contour integral I = dx e - iax 2 with azo by considering an appropriate contour integral I = dx e - iax 2 with azo by considering an appropriate contour integral I = dx e - iax 2 with azo by considering an appropriate contour integral I = dx e - iax 2 with azo by considering an appropriate contour integral I = dx e - iax 2 with azo by considering an appropriate contour integral I = dx e - iax 2 with azo by considering an appropriate contour integral I = dx e - iax 2 with azo by considering an appropriate contour integral I = dx e - iax 2 with azo by considering an appropriate contour integral I = dx e - iax 2 with azo by considering an appropriate contour integral I
= dx e - iax 2 with azo by considering an appropriate contour integral I = dx e - iax 2 with azo by considering an appropriate contour integral I = dx e - iax 2 with azo by considering an appropriate contour integral I = dx e - iax 2 with azo by considering an appropriate contour integral I = dx e - iax 2 with azo by considering an appropriate contour integral I = dx e - iax 2 with azo by considering an appropriate contour integral I = dx e - iax 2 with azo by considering an appropriate contour integral I = dx e - iax 2 with azo by considering an appropriate contour integral I = dx e - iax 2 with azo by considering an appropriate contour integral I = dx e - iax 2 with azo by considering an appropriate contour integral I = dx e - iax 2 with azo by considering an appropriate contour integral I = dx e - iax 2 with azo by considering an appropriate contour integral I = dx e - iax 2 with azo by considering an appropriate contour integral I = dx e - iax 2 with azo by considering an appropriate contour integral I = dx e - iax 2 with azo by considering an approprise contour integral I = dx e - iax 2 with extremal for T 3 2 '+ 2xx + 2×2) dt Jo when x(0) = 1 and T = 2 (i.e. x(2) free). assignment 2 number 13. Find the decimal number represented by 000100 when it is interpreted in each of the following 6 bit representations Unsigned Binary Number Two's complement Number 13. Find the decimal number 14. Find teeter totter and I'm sitting on the opposite side, how far from the axis of rotation do I (150 lbs) sit to balance us The following Linear Programing Problems using the simplex method. curriculum of the philippines, singapore, united states. compare and contrast the curricula of the three countries in terms of the five content... Write a function to calculate the following series: and verify that this series converge... 25:12 0/8 QUESTION 7 . 1 POINT In 2000, the profit of Company A was \$9,875,000. Each year after 2000, the profits fell by \$29,532 on average. Construct a linear model for this scenario and use it to s... INT car wash has a single lane car wash, i.e., there is one machine. The interarrival time (the time between two customers arrivals to the car wash) follows an exponential distribution with a me... Using the hill cipher method complete a and b please explain. 4. (Bonus: complete for extra credit.) Using the block cipher of Definition 4.77 and Example 4.78 of the text book, (a) encrypt the messag... assist please. i) increase or decrease. i) state the y-intercept. iii) state the domain. iv) state the range. v) state a probable equation for the given function 4. Complete the following table for y ... Determine the minimum perimeter of a rectangle with an area of 0.5 to the left of the z-score. Z 0.00 0. 01 0. 02 0. 03 0. 04 0. 05. 0. 06 0. 07 0. 08 0. 09 0. 0 0.5000 0.5040 $0.5080\ 0.5120\ 0.5160\ 0.5199\ 0.5239\ 0...$ it is pretty confusing just wondering if I can get help. 4) If f(n) = 20, find: a) f(0) = b) f(1) = c) f(3) = 5) Simplify: 12 + 3 x 2 = 3(24) = _6) For f(n) = 3 + 4(n - 1) a) f(5) = b) f(2 ... Consider the following couple, who are engaged to be married. Assume that each person takes one exemption Married Filing and the standard deduction. Answer the questions below using the lax rates in t... Question for Experiment 3 1. When the spinning? NO Explain why or why not. What happened when the subject stopped the wheel rim from spi... Explain your answer in details.. f. How many votes are needed to win a majority?. Consider the vote count of another election shown below. Candidate | 190 votes Candidate K 125 v... a) Rewrite 17x=3 (mod 53) as linear combination of... Discrete Math The crossing number of a graph G is the smallest number of edges crossing of a plane drawing pool is constructed in the shape of two partially overlapping identical circles. Each of the circles has a radius of 9 meters and each circle passes through the center of the other. ... In a batch of 120 manufactured machine parts, 3 are found to be defective. At this rate, how many machine parts would be defective in a batch of 12,000? Amazon sells 20,000 units of consumer electronics from Samsung every month. Each unit costs \$100 and Amazon has holding cost of 20 percent. The fixed clerical and transportation cost for each order A... If the rate of transmission of an additional case of covid-19 is 0.3 per day starting February 15, 2020, with three cases, that is $f(x) = \log 1.3 (x) + 3$, after how many days it will become 109 Millio... please answer these questions, thank you!. Consider a life contingent annuity with the following present value random variable. 0 Kx < 15 Y = 20000v152iK _MI 15 g Kx < 25 20000121521137 XX 2 25 ... This is Numerical Analysis. Please and thank you.. 7) Consider the matrix A = 5 47 3 a) Is there a 2×1 vector x such that ||Ax|| > 8||x||? If yes, find one; otherwise explain why one does not exis... Part VII: Frequency distribution. SHOW ALL OF YOUR WORK, ROUND APPROPRIATELY, AND INDICATE THE FINAL ANSWER! Your professor has asked you to find the number of months a sample of prison inmates was in... Only if not iff. 11.15. (Monotonicity.) Let C be a cone in X, and let f E F(X). We say that f is C-decreasing if y - x E C implies f(y) < f(x). Prove that if f is locally Lipschitz, then f is C-decreasing if y - x E C implies f(y) < f(x). de... Please help me with these questions I really don't understand . I Z O O ABSOLUTE length of sides amount the PERCENT (a) (2 pts) Create a formula in cell B3 to calculate the volume of the specified cu... The mean travel time of Jose from home to school is 45 minutes. To do: a) Give your interpretation. (5 points) b) How can Jose make use of this result? Explain/discuss briefly? (7) Let f, g, h be functions from A = { 1, 2, 3, 4 } into A be defined by: f = { (3, 4), (4, 1), (1, 2), (2, 3) }; g(x) = 6 - x; h(x) = 3....5. (5 pt., 2.5 pt. each) For each of the following relations, indicate whether the relation is reflexive, anti-reflexive, your answers. a. R is a ... I NEED HELP. Question If y varies inversely as the square of x and y = 8 when x = 2, find y when x = 4. Question If p varies jointly as r and s and p = 25 when r = -3 and s = 5, find r when p = 35 and... Daniel invierte una cantidad de dinero de la siguiente manera: el 26% en un computador, las 1/6 partes en implementos deportivos y el resto, que corresponde a 239,162 pesos, en ropa. La cantidad de di... pls help me. Do the division using the c-strips to make a train of as many of the divisor as possible such that the length of the train you make is less than or equal to the length of the divisor as possible such that the divisor as possible such that the length of the divisor as possible such that the divisor as pos the principal value of the integral, sin c J-00 (2 +9) (x- 2) (Don't forget that the residue theorem works slightly differently ... A national retail store chain sells the XP Dog crate for \$230 plus the applicable jurisdictional sales taxes (GST and PST or HST). What is the final cost difference between consumers in British Co... What sorts of follow up questions about the statistics might you ask that person in order to obtain the data needed to make a decision about the validity of that statement? Be sure to use concepts and... Problem 4. (8 points) Remaining time: $101:4 \ 14 \ Let \ A = HNH$ and b = 28. The QR factorization of the matrix A is given by: N CO -14 -5 H 7V/2 3 8 2 7V2 3 7V2] (a) Applying time: $101:4 \ 14 \ Let \ A = HNH$ and b = 28. The QR factorization of the matrix A is given by: N CO -14 -5 H 7V/2 3 8 2 7V2 3 7V2] (a) Applying time: $101:4 \ 14 \ Let \ A = HNH$ and b = 28. the QR factorization to solv... refer to image for question. The following problem refers to a closed Leontief model. A closed model for an economy identifies government, the profit sector, and households as it... QUESTION 4 The volume of liquid in a spherical tank of radius r IS related to the depth h of the liquid given by the function, Determine h w = 1.1535 rn3 iteration on the given convergent equation. Fi... Bacteria of species A and species A and species A and species A and species are kept in a single environment, where they are fed two nutrients. Each day the environment, where they are fed two nutrients. Each day the environment, where they are fed two nutrients. Each day the environment is supplied with 19500 units of the first nutrient and 31310 units of t... Total profit is defined as total revenue, R(x). C(x), and is given by the function P(x) = R(x)-C[x). Given R(x) = 60x - 0.3x" and C(x) = 4x + 14, find each of the following integrals. (a) sin $x(\cos x) 2 dx$ (b) X In(x) dx Solve it Solve it. Question 15 (4 points) Word Problem Question 2: (You must upload an image of your FULL
solution to the question in eConestoga: Course Tools, Assignments, [Final Exam Submission]) Dea... Question 7 of 12 p : Giant pandas are related to bears. q : Giant pandas are rel... MY NOTES ASK YOUR TEACHER PRACTICE ANOTHER The method of tree-ring dating gave the following years A.D. for an archaeological excavati... Q3) a) Find 8" root of unity and plot the answer. b) Check whether the set is open, closed, domain, bounded or connected, Also write boundary points. (1) 0 s arg(z) \$6 Z (2) Re (242) 20 (3) (R 2+... Please Help me Convert distribution and compute the mean and standard de... Four foods a, b, c and d are to be purchased. A contains 1 unit of calorie, ... Coding Theory:. Show that a q-ary (q + 1, M, 3)-code satisfies M <q9-1. 1.9 KN B O 1.4 kN 1.7 m 0.9 m A O C 0.5 m For component directions, use x positive to the right and y positive upward.. What is the x component of the reaction at point A? (include units with answer) ... Fourier transform to your result in a). Make sure it equals A. Calculate a point estimate of the true average extraction time when the pressure of extracted gas is * = 500 microns, then calculate a 95% PI for a future value of extraction time when the pressure... Use the tree diagram to answer the guestion. How many possible outcomes are illustrated in the tree diagram? A. 2 B. 3 C. 6 D. 12 2. You randomly choose an integer betw... . A system of 2 equations in 4 unknmvns {31 , 3:2, :53 and :4] was expressed as an augmented matrix, and 1.vas reduced using elementary row operations to give the augmented matrix, and 1.vas reduced using elementary row operations to give the augmented matrix shown below. of fractions: • 500 g butter • 1/2 cup white sugar • 5 cups S.R. flour • 3... Please provide a general claim and a formal proof for the question below. I will upvote! answer this. A giraffe at the zoo weighs 4.5 x 103pounds while a gorilla weighs 150 pounds. How many times greater is the giraffe's weight than the gorillas? Hi, can you explain that how to find the largest cliques?. 3.1 Variable elimination on a grid [10 points] Consider the following Markov network: A B C D E F G H We are going to see how tree-width, a p... O O 00 00 19 36 Belum dunat Sodang offwab Sudan dillihar can Belum djawan Port Lowab Simula Salz Tullian : () () OR) Sobelown 20) Ana memarkir keretanya di tingkat k. Dia naik 5 tingkat untuk ke ... Grades in a Math 282 class is normally distributed with a mean of 70% and a standard deviation of 7%. (Round your final answers to 2 decimal places) [6 marks] a) Find the probability that a grade w... Give the answer to the correct number of significant figures. 2.5608 - 1.592 Find the present value (principal) of P1,280,000 due in 5 years if the money is worth 12% simple interest. Which of the following is Not a basic unit of measurement for the household system dit View History Bookmarks Profiles Tab Window Help OMNO 65% Do Homework.aspx? homeworkld=608070222&am... need help with 11.41 dont mind if theres only process, need partial credit Given the linear system 2 x 1 - 6 a x 2 = 3, 3 a x 1 - x 2 = 23. a. Find value(s) of a for which the system has no solutions. At a Hudson Bay, when appliances get slightly damaged, they sell those machines at a lower price. The comp goal is to limit the mean number of damaged machines to 5 for every inspection. An inspe... Let f(x) = x3 for r ER. Use the E-o language to show that f is differentiable at r = 0. For this question, use the google drive file that contains dataset in the comments. This dataset is differentiable at r = 0. For this question, use the google drive file that contains dataset in the comments. players on that ... Find the Radius of Convergence following series: 2n+1 43n (2z + 17)n. n=0 n+1 (2n +1)! (z - 2)n. n=0 2n n(logn)? 'iM8 IM8 iM8 En!zn. n+1 (n+2) (n+3) Grap the solution of the system of inequalities. $x+y<3x+2y=10 3x + y \le 15 x 20$, $yzo > > co \cdot 10 - 9 8 - 7 - 6 - 5 - 4 - 3 - 2 - 1 1 ...$ DIRECTION: PROVE THE FOLLOWING PROPOSITIONS IN OUTLINE FORM AND PARAGRAPH FORM WITH THE USE OF DIRECT PROVING. 1. If a is an odd integer, then a 2 + 3a + 5 is odd. Length is measured in direct units. These units are generally standard units (inches, feet, miles, centimeters, etc.). teaching measuring lengths. Which of the following set of number is an example of sequence [0/3 Points] In this problem, we explore the effect on the standard deviation of adding the same constant to each data set. 14, 7, 5, 14, 17 (a) Use th... I need help with this problem using excel. The Bag&Go is a company that makes luggage suitcases. They want to schedule the production of their model X25 for the next 6 months. For that model,... Hi can you help me solve these questions. Determine the length of the 1 point hypotenuse of the triangle to the nearest tenth of a metre. 550 2.0 m 3.1 m O 2.9 m 2.4 m O 2.1 m. Determine the exact val... how to solve question 1 and 2? thx so much. Date: Class: Name OXFORD CANOTTA MATHS New Century Mathematics 1A Challenging Questions Worksheet 1 Directed Numbers 1. (a) Input a negative integer in each... twenty four are place around a line. a line segment is drawn between each pair of points. how many line segment are drawn? Please use your own words. 4. (w, 19 pts) Earthquakes occasionally occur below the Earth's surface, generating shock waves that travel through the Earth at the speed of sound. These shock waves can ... Prove that if u and v are solutions to the heat equation, and if $u \le v$ for t = 0, x = 0, and x = L, then $u \le v$ for all $t \ge 0$ and $x \in [0, L]$. A pharmaceutical company recently hired 5 biologists, 3 chemists, 4 environmental scientists, and 3 economists for various upcoming projects. Suppose that the company wants to form an interdisciplinar... 8.2 subsets 1. $A = \{a, b, c\}$ $B = \{b, c\}$ 7. $A = \{a, b, c\}$ $B = \{b, c\}$ 7. $A = \{a, b, c\}$ $B = \{b, c\}$ 7. $A = \{a, b, c\}$ $B = \{b, c\}$ 7. $A = \{a, b, c\}$ $B = \{b, c\}$ 7. $A = \{a, b, c\}$ $B = \{b, c\}$ 7. $A = \{a, b, c\}$ $B = \{b, c\}$ 7. $A = \{a, b, c\}$ $B = \{b, c\}$ 7. $A = \{a, b, c\}$ $B = \{b, c\}$ 7. $A = \{a, b, c\}$ $B = \{b, c\}$ 7. $A = \{a, b, c\}$ $B = \{b, c\}$ 7. $A = \{a, b, c\}$ $B = \{b, c\}$ 7. $A = \{a, b, c\}$ $B = \{b, c\}$ 7. $A = \{a, b, c\}$ $B = \{b, c\}$ $A = \{a, b, c\}$ $B = \{b, c\}$ $A = \{a, b, c\}$ $A = \{a, b, c\}$ $B = \{b, c\}$ $A = \{a, b, c\}$ $A = \{a, b,$ 19. $A=\{4\}$ 20. B=0 determine t... For a income determination model Y = C + I + G, C = C0 + bYd, I = I0 + aYd, Y d = Y - T, T = T0 + tY, G = G0, 0 < a, b, t < 1, find the equilibrium level of income. Find the multipliers for ... can you please help me thank you. f (x) + 9 (x 3x+5+x 2 business mathematics. Question 12 (1 point) Kim Blair invested \$7500 in a business on January 1. She withdrew \$900 on March 1, reinvested \$1500 on August 1, and withdrew \$300 on September 1. What is K... This is one questions, the written out question are the anwsers to each one's. 5. Perform a regression ... laws of exponents and its application. 2. Divide $6 \times 3 - 3 \times 2 + 2z + 3 + x - 2 6 \times 2 + 9x + 20 x - 2)$ by ... Newly hired nurses have to buy duty shoes at the full price of \$84.50, but nurses who have served at least a year get a 15% discount. Nurses who have served at least three years get an additional 10% ... solve the following exponential equations 1. 92x - 1 = 36x 2. 26-3x = 8x + 1 B. Solve the following exponential inequalities. 1. 3x < 81 2. ()* < 1 125 In a survey, 18 people were asked how much they spent on their child's last birthday gift. The results were roughly bell-shaped with a mean of \$48 and standard deviation of \$9. Find the margin of erro... Which three of the following discrete variables are binary? Select one or more: 1. whether an electrical component works 2, whether you own a car 3, telephone dialling codes of members of a tutor g... Calculating Chemical Feed (mg/L) = Chemical Feed (lbs./day) Flow (MGD) X (8.34 lbs./gallon) 4. A water treatment plant used 27 pounds of cationic polymer to treat 1.6 million gallo... evaluate in terms of beta function. Evaluate in terms of beta function: 252(1 235) 33 2 A life table has a radix of 10,000 at age 0 and a; = 200 for all relevant x. Assume x is the age in years. Answer the following with respect to this life table. a} What is the limiting age, on, of th... c) Find the probability that a British nurse selected at random in 1851 would be 60 years of age or older. (Round your answer to three decimal places.) (d) Compute the expected age u of a British nurs... it's urgent. Using the Newton-Raphson method to determine the critical co-ordinate of the graph $y = f(x) = (x) \tan^{1}(x)$ (in words x to the power of tan (x)), you will be required to determine f'(x)... In a geometrical progression, the sum of the second and third terms is 6, and the second and third terms is -12. Find the first term and the common ratio. Please provide Handwritten answer. The closed path C consists of six line segments. Starting at (3,0,0), it goes through the points (3,3,0), (0,3,3), (0,0,3),
(0,0,3), IRA (individual retirement account) with an APR of 7%. At the end of each month he deposits \$35 in the account. How much will the IRA contain when he retires at age 65? C... homework practice lesson 8 financial literacy. \$750, 7%, 3 years An Apple Computer store sells computers for \$1,236.95. Assuming the computers cost \$10,380 per dozen. a. Find the dollar markup for each computer. (Round your answer to the nearest cent.) bed Dollor m... (25 points) Consider a univariate function $f(x) = x4 - 8 \times 2 + 80 \ 9 \ 1$) Find the equation for each computer. (Round your answer to the nearest cent.) bed Dollor m... (25 points) Consider a univariate function $f(x) = x4 - 8 \times 2 + 80 \ 9 \ 1$) Find the equation of the tangent line to the circle a +y = 3y at the point (1, 2). How many seconds will it take for object to hit the ground. A tourist in a sightseeing balloon drops his cell phone from a height of 660 feet above the ground. A tourist in a sightseeing balloon drops his cell phone from a height of 660 feet above the ground. A tourist in a sightseeing balloon drops his cell phone from a height of 660 feet above the ground. A tourist in a sightseeing balloon drops his cell phone from a height of 660 feet above the ground. A tourist in a sightseeing balloon drops his cell phone from a height of 660 feet above the ground. constructora "Lupa EIRL" vendió una letra de cambio de S/. 28 100, al BCP, y le descontaron S/. 751.50. ¿Con cuántos meses de anticipación se vendió el documento, si se aplicó una t... Given U = 4 x 2 y 3 If x is increased by 4.99% and y is decreased by 4.99% and y is decreased by 4.99% and y is decreased by 2.34%, use differentials to find approximate percentage change in U. important keys and summary of the following -classification of differential equations -general and particular solutions of different equations -elimination of amit... Change the percent to a simplified fraction or a mixed number. 115% = X What ideas about functions do you think might be the most helpful to you in your day-to-day planning? Choose one situation from your life (personal, professional, or even academic) that you might be a... More arithmetic. Compute the following sums and products of complex numbers: +6i + HI HI i (-1 + i) + (8 + 8i) = i + (1 - V62) (8 + 6i) = i + (3 - V10i)? = i i V10)i e total (after-tax) cost of a laptop computer is \$1619.78. The local sales tax rate is 6.6%. What is the retail (pre-tax) price of the computer is \$. mplify your answer. Round to th... (X + 4, 2y + 1) = (0, y) so x = -4 and y= -1. (x + 4, 2y + 1) = (0, y) so x = -4 and y = -1. (x + 4, 2y + 1) = (0, y) so differentiability, use Theorem 1 to obtain necessary condition... step by step please with workings. bla 2.5m 2.5 m Figure 2 A pole AB has length 2.5 m and weight 70N. The pole rests with end # against a rough vertical wall. One end of a cable of length 4m is attach... Help wanted to understand these problem sets. Find the median for this list of numbers 10 38 44 87 73 36 13 95 28 97 17 33 25 74 Median = The boxplot below shows salaries for Actuaries and CPAS. CPA 1... Suppose that you estimated the following regression equation: (2) wage = 5.520 + 1.008female + 0.512edu - 0.124female*edu + e where wage is the hourly wage, edu is years of education, and female is a ... A 1.0 kg books is at rest on a table top. Diagram the forces acting on the book. This is a physics question. Please show work and follow instructions.. Activity Predecessor Time (wks) Slack A 3 B 2 C A, B 4 D B C N W H G H 4 7 - 2 For the project above, please provide the slack time for each activity along w... A \$3,000, 15 year bond with a 7.7% coupon rate was issued on July 28, 2007. It was sold on November 22, 2013 to yield the purchaser 6.9% compounded semiannually until maturity. What was the selling pr... Using activity 8.10 describe how you would use the activity to teach measuring angles?. A folded piece of waxed paper can be used to help students begin to measure angles. Fold the sheet of waxed pa... A graphic centered on a coordinate (-9, 10) is manipulated to move on the x-axis is horizontal and represented as the first digit in the ordered pair. The y-axis is horizontal and represented as the first digit in the ordered pair. The y-axis is horizontal and represented as the first digit in the ordered pair. The y-axis is horizontal and represented as the first digit in the ordered pair. graph and for each v E V, let av be the number of edges 6 E E such that e has an endpoint at v. Further assume no edge e E E has equal initial and terminal points and no two distinct e... Students enrolled in an introductory statistics style. Of the 39 students who took... (a) Consider the matrix 0 O A = 1 -2 2 3 -3 Examine whether the homogeneous set A . x = 0, where x is a 3-dimensional vector, has nontrivial solutions (x # 0). Also, examine whether the linear set of ... how do you find the area of this these side lengths. 6. Find the areas of the rectangles with the following side lengths. S 1. 5 in and = in 5 2. 5 in and = in 5 2. 5 in and = in 5 413 5 512 3. 2 in and = in 4/3 T 5/2 ... Chlorine Dosage, pounds = (Flow, MGD) x (Concentration, mg/L) x (8.34 lbs./gallon) or Chlorine Dosage, pounds per day = (Flow, MGD) x (Concentration, mg/L) x (8.34 lbs./gallon) or Chlorine Dosage, pounds per day = (Flow, MGD) x (Concentration, mg/L) x (8.34 lbs./gallon) or Chlorine Dosage, pounds = (Volume, MG) x (Concentration, mg/L) x (8.34 lbs./gallon) or Chlorine Dosage, pounds = (Volume, MG) x (Concentration, mg/L) x (8.34 lbs./gallon) or Chlorine Dosage, pounds = (Volume, MG) x (Concentration, mg/L) x (8.34 lbs./gallon) or Chlorine Dosage, pounds = (Volume, MG) x (Concentration, mg/L) x (8.34 lbs./gallon) or Chlorine Dosage, pounds = (Volume, MG) x (Concentration, mg/L) x (8.34 lbs./gallon) or Chlorine Dosage, pounds = (Volume, MG) x (Concentration, mg/L) x (8.34 lbs./gallon) or Chlorine Dosage, pounds = (Volume, MG) x (Concentration, mg/L) x (8.34 lbs./gallon) or Chlorine Dosage, pounds = (Volume, MG) x (Concentration, mg/L) x (8.34 lbs./gallon) or Chlorine Dosage, pounds = (Volume, MG) x (Concentration, mg/L) x (8.34 lbs./gallon) or Chlorine Dosage, pounds = (Volume, MG) x (Concentration, mg/L) x (8.34 lbs./gallon) or Chlorine Dosage, pounds = (Volume, MG) x (Concentration, mg/L) x (8.34 lbs./gallon) or Chlorine Dosage, pounds = (Volume, MG) x (Concentration, mg/L) x (8.34 lbs./gallon) or Chlorine Dosage, pounds = (Volume, MG) x (Concentration, mg/L) x (8.34 lbs./gallon) or Chlorine Dosage, pounds = (Volume, MG) x (Concentration, mg/L) x (8.34 lbs./gallon) or Chlorine Dosage, pounds = (Volume, MG) x (Concentration, mg/L) x (8.34 lbs./gallon) or Chlorine Dosage, pounds = (Volume, MG) x (Concentration, mg/L) x (8.34 lbs./gallon) or Chlorine Dosage, pounds = (Volume, MG) x (Concentration, mg/L) x (8.34 lbs./gallon) or Chlorine Dosage, pounds = (Volume, MG) x (Concentration, mg/L) x (8.34 lbs./gallon) or Chlorine Dosage, pounds = (Volume, MG) x (Concentration, mg/L)
x (8.34 lbs./gallon) or Chlorine problem circulated on Facebook, and may still be doing so. Facebook users were asked to post their answers in the comments, and after review... 2 ith P(A) = - then P(A or B) is Sir i am stuck for this question \cdot . 8. Determine the local extremes for the function f: R3 - R defined through f (x, y, z) = x3 + y2 + z2 + 12xy + 2z Sir i am stuck for this question. Question 1: [6 marks total] Le A = 1 (a) Use Gauss-Jordan elimination to put the matrix A into reduced row echelon form, clearly stating the row operations you use. ... city latitude longitude London 51.5072 -0.1275 Birmingham 52.48 -1.9025 Manchester 53.4794 -2.2453 Leeds 53.7997 -1.5492 Newcastle 55.0077 -1.6578 Birstall 52.6736 -1.12 Glasgow 55.8609 -4.2514 Liverp... I need help with a math document. Please show working out as well. Not just the answers.. b. What is the probability that the sum of the two dice equals 8? State specifically what outcomes show a sum ... Answer the following question.. 12 7 3 22 9. For 1 5 1 and using [x, x, x,]=[1 2 1] as the initial guess, give the 27-11 X; 2 values of X x, x, at the end of the third iteration in the Gauss-Seidel ... [~Ash 7.1.2] Let fn(a) = T. n 10fan, 0 < <1. Show that fn converges pointwise, and determine if the sequence converges uniformly on [0, 1]. There are two ways to describe a surface in RS. The first way is to specify an equation it satisfies. If F: R3 - R is a continuously differentiable function, then M = {(r, y, 2) 6 R3 : f(x, y, 2) ... There were a total of 150 adults and children at a banquet. Adult tickets were \$12 and children tickets were \$12 and children at a banquet. real question please answer that ignore this page question is on the comments i haveput the question ?... (3 mark 8. Walsh Promotions and Events received an invoice of \$34,200.00 for catering services at their annual company picnic. The invoice was dated June 10 and had the following payment terms 3/10, 1... Plz look before question. 11. and 12 (relation). 2.6 Problems 31 12. Consider the fuzzy equivalences $E1 = min\{11(x, y), 11(y, x)\}$ and $E2 = min\{12(x, y), 12(y, x)\}$ generated by the implications from R to R are injective, surjective, and/or bijective. No proofs are required. a) f(z) = 2 - z b) f(z) = 32 - 7 c) $f(z) = z \cdot sin z$ d) f(z) ... answer as please. You have taken a loan of \$95,000.00 for 26 years at 3.4% compounded quarterly. Fill in the table below: (Round all answers to 2 decimal places.) Payment number Payment amount Princ... Find the vector x E R" minimizing F(x) = 1Q:lin + Allq - Hallin where Q, H E Rnxn and g E R" are given and A is some parameter that can be tuned for the application. Please can you explain how to do the problem with steps. I really would like to understand it to prepare for my quiz. Need help on the step by step to solve this problem. 1. (24 pts) Convert each number to its decimal form. (a) 101010011, = 28+27+26+25+24+23+22+2'+20-33910 (b) 1001.1101, (c) 1072.37, (d) FAT16 Ziba Inc produces widgets - a consumer product. The production function is given by Q = K 1/4 L 3/4, where Q is the number of widgets produced, K is the units of capital used, and L is the hours ... Laplace equation. Find the potential in the rec- tangle 0 S x = 20, 0 = y = 40 whose upper side is kept at potential 110 V and whose other sides are grounded. Solve for the below. Three forces and a moment are applied to the beam shown in Figure 1(b). Replace the loading acting on the beam by a single resultant force (in Newtons) and specify where the resul... For the following problems, circle one of them and do it. (if you do both, the first one will be graded) Determine whether the statement is true or false. If it is true, provide a brief proof. If i... Need help on how to write a formal proof to show whether a sequence converges and also identifying the limit of the sequence converges and also identifying the limit of the sequence. . Prove that the sequence defined by x, =6 and X] = V6 + x for n EN is co... Assume f E L' (R), i.e., f is in the Lebesgue space of integrable functions on R. For each a > 0, let fa(x) = af(ax). Prove that lima-Illf - fall1 = 0. Can someone help me answer this problem? Thank you!. The outbreak of coronavirus disease 2019 has created a global health crisis that has had a deep impact on the way we perceive our world and lives. ... Question 3 (5 points) There are two classes of students. Ms. Thompson's class has 10 students and Mr. Jones' class has 12 students. The teachers have to pick 3 students out of each class. The classes ... Find the real-valued Fourier series of the triangular function, t+ 1, - TT <t<0, f(t) =] T - t, O<... Under what conditions does a rational function have a horizontal asymptote? Give an example (2 marks) QUESTION 1 . QUEST Motley Fool will be excellent stocks for 2022 and beyond. Using the monthly data provided calculate the expected return... Problem 3 (8 Points) Use the method of variation of parameters to find the general solution of y" - 5y' + 4y = 3+2e-2t. What is the next number in the given list? 1, 5, 12, 22, 35, A. 50 B. 51 C. 52 D. 53 3. What are the next two terms in the sequence? 20, A, 18, C, 15, F, 1, J, ___, __ A. 5, P B. 5, O C. 6, ... If Jacob's salary of \$3,850 per month is increased by 3 3/4% what is his new monthly salary? Problem No2: (40pts) Solve the following State Equation using Laplace transforms. X1 (0) = 0 [X 2 (0) An object accelerates from 5m/s to 50 km/h, if the acceleration is 3.5 m/s², find the time required. Please prove the following statement with a formal proof structure and explain each step. Thanks! *I will upvote . For all multiples of 3, the quantity can be written as a sum of three unit fraction... Sir i am stuck for this question . 1. Find a normal vector for each of the following planes. a. x + 2y - z = 1, b. 4x - 2y - 3z = 5, C. x - 6y + z - 1 = 0, d. 2x + 3z - 4 = 0. 2. Determine whether the ... Pls kindly choose ONLY the correct answers, no need for explanation. I am time conscious thank you. Determine which of the following

functions g (I) make (go f) (x) = p (x) true. O g(x) = 23 - 2: +5 O g(x) = 23 - 2: Details Find the vector equation that represents the curve of intersection of the cylinder $2:2 + y^2 = 1$ and the surface 2 = m + 2y. Write the equation s... Please if you can help show how to approach the problem that would be great. Please can you show how the problem that would be great. Question 1: Maximize P = 20x + 75y Subject to x+2y <= 16 x, y => 0 Find maximum value of P Question 2: Maximum the objective function R, subject to given constraints. R = 6x+9y x + 4y <= 4x =>...3. The random variable X is normally distributed write down P (x 7 107) with a mean of 100. The following diagram Find P (100 < X < 107) shows the normal sure for X. () Find P (93 < ... the solution to this question is present on coursehero but it is not very comprehensive, please provide a thorough solution. Please include some references or links to concepts if possible Thanks. Que... ANSWERS: Let x, y, z E [-7, 7], tspan = 0 : 0.5 : 4, n = 16, and parameters A; = -1 and B; = -Aj, with initial conditions (x, y, z) = cos(x) cos(y) cos(z) (2) write out the solution of your numerical ... ADVMATH5:41 (/9) Let a, b, c be real numbers a, b, c, form a quadratic equation in cos 2x, whose roots are the s... To find an approximation to the minimizer of the function f (z) = ez -2VI-1 apply two steps of the method of steepest descent starting from the point To = 0.75, i.e., give \$1 and 12. Machine Trades A bearing journal measures 1.996 in. If the standard readings are in 32-in. units, what is its probable standard size as a fraction? Alex is making muffins and has sticks of butter. Each batch of muffins will take Stick of butter. How many batches of muffins can he make? Please type answer as handwritten is oft illeigble and confusing 1.Use row reduction to find the inverses of the given matrices if they exist, and check your answers by multiplication. Question 13 2.86 pts Automobiles traveling on a road with a posted speed limit of 65 miles per hour are checked for speed by a state police radar system. The following is a frequency distribution of s... Please help explain clearly. recall that a nonlinear program takes the form min f(x s.t. gi(x) <0, ic {1, ..., m}, recall that a nonlinear program takes the following ... The method of tree-ring dating gave the following years A.D. for an archaeological excavation site. Assume that the population of the circle that passes through (0,1) and concentric with the circle centered at (2,1) and radius 3. 2. Find the equation of the circle with the center at... (Calculus 1) evaluate the following integrals. 2 S x x sin - COS dx N N Application 8. The Rock-Climbing Club was selling t-shirts and 15 pairs of gloves and collected \$360. Another person sold 8 t-sh... For the function f(x, y) = 0, f(x, y) = 1 and f(x, y) = 1 and f(x, y) = -1 on the same graph. (Suggestion: You may try to use the GeoGebra applet Contour Lines (HKU Por... A theory predicts that the relative frequencies of various personality, .25 for Type B and .25 for Type C. To investigate this theory, a... A robot is standing at position (0,0) on a 2D grid. When the robot makes a move, it can move either: one "step" up (i.e. increases the y-coordinate by one) one "step" diagonally (i.e. increases the x-... pls help to answer. 3. To graduate, Lisa needs at least a B in Mathematics. She did not do very well on her first three tests; however, she did well on the last four. Here are her scores: 58 67 60 84 ... find the cauchy principal value of the following Integral. 2. (Problem 9.25) Find the principal value of the integral, sin x (x2 + 9) (x - 2) de. (Don't forget that their items have a normally distributed lifespan, with a mean of 9.4 years, and standard deviation of 0.6 years. If you randomly purchase one item, wha... This variable uses the independent variable because there are independent variable sthat affect the dependent variable sthat affect the dependent variable because there are independent variable sthat affect the dependent variable state structure s However, this investment will ensure that 3-years of sales can be predicted at 2M, 3M and... Need help with this Game Theory problem related to Mixed Strategy & Extensive Form Game.. Question: Consider there is a factory with two workers. Suppose that in a month, their supervisor assigns ... A voter who has a weight that is greater than or equal to the quota is called a dictator. In a weighted voting system, the dictator has all the power. A voter who is never a critical voter has no powe... Use the Newton-Raphson method to determine the real root of: $f(x) = -1 + 5.5x - 4 \times 2 + 0.5 \times 3$ using Xo = 0. Perform the computation until &a is less than S = 0.5%. find the following squares by using the table of the following squares by using the real root of: $f(x) = -1 + 5.5x - 4 \times 2 + 0.5 \times 3$ using Xo = 0. Perform the computation until So = 0.5%. $X^* = 2\%/17$ or * = 8%/17 or X = 9%/17 or X' = 15%7 Send a chat. 4 Prove that for ... cubic inches J r = 1.23 323. 98 = 0.187 0. 19 f + 3 V = Tir2h 1728 b. cubic feet V = TY. 1.252. 66 V = 323.98 in 3 V = 0. 19 ff 3 12. identities. 672 5y 2 Question 3. (e) I have the answer but I'm not sure how to get this answer. Please show me the steps. Marisa Raffaele wishes to plant a rose garden in her backyard. The ro... Lee Jenkins worked the following hours as a manager for a local Pizza Hut: 1734,614,514 and 512.1734,614,514 and 512.1734,614 and 512.1 A, then AnB = 0. Rico, Stefan and Tyler own The Lazy Yoga Company and share profits in the ratio 3 : 2 : 7, respectively. How much will each receive if the company earned a profit of \$18,600 last month? How many types of Linear Programming Applications are there. The plant manager is preparing a presentation that includes the last three years of injuries which totaled 14. You have determined that in the past three years three 7 of the 14 were hand... Hello, I really need your help right now and I need you to provide correct answer and solution for this one as fast as you can. Thank you! (21-25). Solve the rational equation Marked out of 1 Y7 Flag ... I'MT, yit * bit x; *a; 3. Las restricciones del problema. 1. Satisfaction de la demanda del producto i en el periodo t yaSDa*u,*x...i=1 ...P, t=1 ... I 2. Maxima cantidad de tipos de ... For the following pair of (a, b) , find god(a, b) and k , I so that god(a, b) = ka + | b :1) (a, b) = (98, 56), 2) (a, b) = (10, 10) (a, b) (18, 45). nearest thousandth 6.565 Need Help? Read It 6. [-/1.15 Points] DETAILS LARMPMT1 7.1.026. 0/100 Submissions Used The finishing times (in seconds) of drivers in a quarter-mile drag race are shown below.... An oil well produces 172 gallons of oil every day. A standard oil barrel holds 42 gallons of oil. About how many barrels of oil will the well produce in one day. Explain your thinking. Provide an example of a scenario where the measures of central tendency are skewed as a result of outliers. I need help. Find the future value of the annuity due. Assume that interest is compounded annually. R = 14,000; i = 0.07; n = 7 Which of the following formulas will calculate the future value of the an... (Calculus 1) Evaluate the following integral by using integration parts. S (Inx)2 dx = x(In x)2 - 2x Inx + 2x + C. El proyecto X implica un nuevo tipo de ruedas para patines fabricadas a partir de compuestos de granito. Consideramos que las ventas serán 6,000 unidades por año a un precio de US\$ 1,000 cada un... Evaluate dx, where 0 < a < a < br/>1 and a > 0, using the residue theorem. 0 (x + a) 3 (a) Show that, - = 5 - 2V6 (b) Show that, $x_2 - 10x + 1 = 0$ N (c) Find the value of x + 1... Can you assist? I need help understanding. Question 13 (2 points) Listen Salmon Company, a successful recruitment agency in Montreal, loaned \$29,000 to one of its partners for 7 years. The intere... Please provide Handwritten answer. QUESTION 6 Make a probability distribution for the given set of events. The following table displays a frequency distribution of the number of siblings for students ... What is an example of a linear question? Hector responds "I guess the ER doc thought I might have PTSD or something like that.. I'm a vet, you know; National Guard. I signed up for the benefits,... What monthly payment is required to pay off a \$40,000 loan in seven years if the interest rate is 6.5% compounded quarterly? use financial calculator D Question 8 1 pts Jeremy and Bill each have \$54,632 to invest in a retirement account whose annual rate is 2.5% with monthly compounding. Jeremy invests his money all at once, whereas Bill decides to... Problem 12.7. Five women A, B, C, D and E are each willing to marry a subset of the men V, W, A: V. W X, Y and Z (chart on the right). Find a matching of the women to men they are willing to marry. B:... The lambda phage is a virus that infects the bacterium E. coli. When it infects a bacterium, the phage can go into one of two modes: one in which the virus immediately starts to replicate until the... Four student volunteers exercised on a treadmill for about 12 minutes until their heart rate reached 190 beats per minute. They stopped exercising and their heart rate was monitored as it returned to ... can you make me understand this question? "Question 1: Let G = (V;E) be a planar graph with n vertices. Give a data structure that uses O(n) space and can be used to decide in O(1) time, for any two q... Using the information below develop a linear program to determine the best course of action for Draper Agricultural Enterprises using Excel. Draper Agricultural Enterprises operates 3 ranches in th... si i=8% calcule D en el siguiente diagrama de flujo Sir i am stuck for this question . 3 Points Total] Sketch the solutions of the differential equation y' = (y - 4)2(1 - 3) isfying y(0) = 0.8, 1.2, 3.2, and 4.7. The graph of z = (y - 4)2(1 - 3)4)2(1 - y) is belo... What to Post Observe the above
picture. You select a sample of individuals (players or audience) in that scenario. If you collected data from each person in that group, what variables would you colle... Consider the problem (Pi) : min | |x|1 s.t. Ax = b X Is this (constrained) optimization problem convex? If so, why? Question 3 (a) Evaluate the line integral of f(x, y, z) = x + y - z along the curve C: r(t) = ti + fj (0 <t < 1). (Marks: 18) (b) Prove the identity SS (fn). vas = SSS Vf. v dv assuming that v Simplify the circuit output. NANDI D NANDI Question 7 of 12 This quiz: 12 po This question: 1 The weight distribution of a vehicle specifies that the front wheels carry 57% of the weight. If a certain vehicle... Homework help, please. Q1. If A = (a ij) is a matrix of order 4 × 5 and a ij = -5 for all i and j , write down A . (Enter NONE in any unused answer blanks.) (It's a picture so hopefully, y... Use Polya's 4-step problem solving strategy in solving the following problems. 1. A student is taking a True or False test. In how many ways can the three questions be answered. A former student of mechanics wishes to weigh himself but has access only to a scale A with capacity limited to 400 N and a small 80 N spring dynamometer B. With the rig shown, he discovers that wh... 14 You have census data indicating how long families have lived in their current homes. The previous year, the average was 11.8 years. What test should you use to determine if the time has chan... \$877 is shared between Brandon and Nicole. Brandon's share is \$199 less than Nicole's. Calculate the amount of each of their shares. Let S be the subspace of P3 consisting of all polynomials p(x) such that p(0) = 0, and let T be the subspace of all polynomials q(x) such that q(1) = 0. Find bases for 1. S 2. T 3. S \cap T Problem 6 {5 points}: Assume we are given an LP in the standard form, with A an m x 71 matrix: T min :3 :5 :nElR" subject to A: : It {5} r 23 0 Recall that, as we derived in class, the associate dua... A water tank is 5m tall and has a diameter of 3.5. Calculate the capacity of the tank. Use n=3.14. Provide typical pre and post-training test, David asks you how much do you expect his VO2max to have increased (%) after his 3 m... I don't understand this question. Show all work for each question. 1. Evaluate. (9 marks) a) 273 b) 325 c) 83 d) 25 5 e) (4 f) 250 g) 1.2837 h) (37 i) V28 k (x) = -1 over 200 (x+0)^5 (x-5)^4 (x+4) the value of the leading coefficient b) the degree, (explain) c) the end behavior (explain why) d) the zeroes and their order (EXPLAIN) the va... Please help with the following, Thank you.. Two dice are rolled, 1 black and 1 white. How many rolls result in 7 or 11? For this problem (black 3, white 4) is different than (white 3, black 4).. How m... Please show how it is solved with all steps. Unit-2 Activity-7: AOL- Problem solving worksheet-Friction 1. A 20 kg box is being pulled across a floor by a horizontal rope. The tension in the rope is 9... Calculate the Future Value of Your Savings are deposited in most bank accounts, they earn interest. The rate of interest that is paid, however, can vary widely, depending largely on the t... Sir i am stuck for this question . Let T (x) - AX, be a linear transformation T: IR - R. Which of the following statement is correct? Select one: O a dim(kernel of T) > dim(range of T') O b. dim... Houston South Hospital is trying to improve its image by providing tasty, inviting patient me... An explanation of what a normal distribution means, including its shape and features. Explain what it means when the normal distribution has a mean of 80 and a standard deviation of 14 that is a... Hypothesis for these statements: (a) More than 50% of the students in the STAT department take the bus to c... evaluate by requested method: newton-raphson. Newton-Raphson 5 sin- x - 8 cos* x = 0 en 0,5, 1,5] < = 1 x 10-0 Xi Xi+1 Ea(%) 0 0.5000000000 0.6934901476 10.86 1 0.6934901476 0.7013291121 0.053 2 ... 2050 \$ Need Help? Watch It 8. [-/1 Points] DETAILS TANAPCALCBR10 3.4.005. NVA MY NOTES ASK YOUR TEACHER PRACTICE ANOTHER Marginal Provided Help? Watch It 8. [-/1 Points] DETAILS TANAPCALCBR10 3.4.005. NVA MY NOTES ASK YOUR TEACHER PRACTICE ANOTHER Marginal Provided Help? Watch It 8. [-/1 Points] DETAILS TANAPCALCBR10 3.4.005. NVA MY NOTES ASK YOUR TEACHER PRACTICE ANOTHER Marginal Provided Help? Watch It 8. [-/1 Points] DETAILS TANAPCALCBR10 3.4.005. NVA MY NOTES ASK YOUR TEACHER PRACTICE ANOTHER Marginal Provided Help? Watch It 8. [-/1 Points] DETAILS TANAPCALCBR10 3.4.005. NVA MY NOTES ASK YOUR TEACHER PRACTICE ANOTHER Marginal Provided Help? Watch It 8. [-/1 Points] DETAILS TANAPCALCBR10 3.4.005. NVA MY NOTES ASK YOUR TEACHER PRACTICE ANOTHER Marginal Provided Help? Watch It 8. [-/1 Points] DETAILS TANAPCALCBR10 3.4.005. NVA MY NOTES ASK YOUR TEACHER PRACTICE ANOTHER Marginal Provided Help? Watch It 8. [-/1 Points] DETAILS TANAPCALCBR10 3.4.005. NVA MY NOTES ASK YOUR TEACHER PRACTICE ANOTHER Marginal Provided Help? Watch It 8. [-/1 Points] DETAILS TANAPCALCBR10 3.4.005. NVA MY NOTES ASK YOUR TEACHER PRACTICE ANOTHER Marginal Provided Help? Watch It 8. [-/1 Points] DETAILS TANAPCALCBR10 3.4.005. NVA MY NOTES ASK YOUR TEACHER PRACTICE ANOTHER Marginal Provided Help? Watch It 8. [-/1 Points] DETAILS TANAPCALCBR10 3.4.005. NVA MY NOTES ASK YOUR TEACHER PRACTICE ANOTHER Marginal Provided Help? Watch It 8. [-/1 Points] DETAILS TANAPCALCBR10 3.4.005. NVA MY NOTES ASK YOUR TEACHER PRACTICE ANOTHER Marginal Provided Help? Watch It 8. [-/1 Points] DETAILS TANAPCALCBR10 3.4.005. NVA MY NOTES ASK YOUR TEACHER PRACTICE ANOTHER MARGINAL PRACTICE ANOTHER MARGINAL PRACTICE ANOTHER MARGINAL PRACTICE ANOTHER MARGINAL PRACTICE ANOTHER PRACTIC Average Cost for Producing Desks Custom Office makes a line of executiv... Name : kaylee Galeana H.L Score : W Teacher : Date : 3 Minute Drill 7 COW X 4 X x 12 OV ") 00 X X X DO CO X X WOO X COA W X X 4 x 12 X WOO X COA W X X 4 x 12 A Wow X X X w VA X X 12 OV ") 00 X X X DO CO X X WOO X COA W X X 4 x 12 A Wow X X X w VA X X 12 OV ") 00 X X X DO CO X X WOO X COA W X X 4 x 12 A Wow X X X w VA X X 12 OV ") 00 X X X DO CO X X WOO X COA W X X 4 x 12 A Wow X X X w VA X X 12 OV ") 00 X X X DO CO X X WOO X COA W X X 4 x 12 A Wow X X X w VA X X 12 OV ") 00 X X X DO CO X X WOO X COA W X X 4 x 12 A Wow X X X w VA X X 12 OV ") 00 X X X DO CO X X WOO X COA W X X 4 x 12 A Wow X X X w VA X X 12 OV ") 00 X X X DO CO X X WOO X COA W X X 4 x 12 A Wow X X X w VA X X 12 OV ") 00 X X X DO CO X X WOO X COA W X X 4 x 12 A Wow X X X w VA X X 12 OV ") 00 X X X DO CO X X WOO X COA W X X 4 x 12 A Wow X X X w VA X X 12 OV ") 00 X X X DO CO X X WOO X COA W X X 4 x 12 A Wow X X X w VA X X 00 CO X X WOO X WA X 12 OV ") 00 X X X DO CO X X WOO X WA X 12 OV ") 00 X X X DO CO X X WOO X WA X 12 OV ") 00 X X X WOO X WA X X WOO X WA X 12 OV ") 00 X X X WOO X WA X 12 OV ") 00 X X X WOO X WA X 12 OV ") 00 X X X WOO X WA X 12 OV ") 00 X X X WOO X WA X X X WOO X WA X 12 OV ") 00 X X X WOO X WA X X X WOO X WA X X WO positive real numbers (3,5, and c such that two of the three numbers $v'a + b_v/a + c$ and x/b + c are equal? If you can,... Prove that any t-conorm S is distributive with respect to V and A i.e., (x Vy)Tz = (xTz) V (yTz) (x A y)Tz = (xTz) V (yTz) (does not make his first \$1,000 deposit into an IRA until he is 36, but then he continues to deposit \$1,000 each year until he is 65 (30 deposits in all).... 2x+1=6 2. Solve by substitution. [6 marks] 3x-2y=2 3a+b-4=0 3. Solve using elimination. Check your solution. [6 marks] 3x-2y=2 3a+b-4=0 3. Solve using elimination. Check your solution. [6 marks] 3x-2y=2 3a+b-4=0 3. Solve using elimination. Check your solution. [6 marks] 3x-2y=2 3a+b-4=0 3. Solve using elimination. Check your solution. [6 marks] 3x-2y=2 3a+b-4=0 3. Solve using elimination. Check your solution. [6 marks] 3x-2y=2 3a+b-4=0 3. Solve using elimination. Check your solution. [6 marks] 3x-2y=2 3a+b-4=0 3. Solve using elimination. Check your solution. [6 marks] 3x-2y=2 3a+b-4=0 3. Solve using elimination. Check your solution. [6 marks] 3x-2y=2 3a+b-4=0 3. Solve using elimination. Check your solution. [6 marks] 3x-2y=2 3a+b-4=0 3. Solve using elimination. Check your solution. [6 marks] 3x-2y=2 3a+b-4=0 3. Solve using elimination. Check your solution. [6 marks] 3x-2y=2 3a+b-4=0 3. Solve using elimination. Check your solution. [6 marks] 3x-2y=2 3a+b-4=0 3. Solve using elimination. Check your solution. [6 marks] 3x-2y=2 3a+b-4=0 3. Solve using elimination. Check your solution. [6 marks] 3x-2y=2 3a+b-4=0 3. Solve using elimination. Check your solution. [6 marks] 3x-2y=2 3a+b-4=0 3. Solve using elimination. Check your solution. [6 marks] 3x-2y=2 3a+b-4=0 3. Solve using elimination. Check your solution. [6 marks] 3x-2y=2 3a+b-4=0 3. Solve using elimination. [7 marks] 3x-2y=2 3a+b-4=0 3. Solve using elimination. [8 marks] 3x-2 his farm company, which had six stores in 2000, one day. How many stores did shops operate in 2006 if the annual rate of increase was 5%? college mathematics. For each value of y, determine whether it is a solution? X? Yes No 4 12 O 0 O 24 O The table summarizes results from 983 pedestrian deaths that were caused by automobile accidents. Driver Pedestrian Intoxicated? Intoxicated? Intoxicated? Intoxicated? Yes No Yes 56 83 No 230 614 If one of the pedestrian death... This is a linear programming
question.. Question 1 As part of the nation's vaccination programme for children, all citizens below the age of six need to be vaccinated with a cocktail mixture of Vaccin... Prove or disprove the validity of the following statement: If the investment flow is I(t) = 5000t 1/4 calculate the capital formation from the end of the second year to halfway through the fifth year. Give your answer to the nearest whole number. The garibaldi is a large orange fish that lives off the coast of California and Baja California. Use the assumptions below to write a differential equation for the size of an adult garibaldi popul... Determine the length of XY. (4 marks) 5.5 cm 8.45 cm 53 X Communication. 1. In Triangle ABC, AB = 9 cm, AC = 14.34 cm and BC = 12.5 cm. Which law would you lose to determine angle A? (1 mark) 2. Gi... Question 3. (40 points) Phylogenetic trees can be built from non-genetic data, and in fact this was the only type of information available prior to the 1970's, when DNA sequence became possible. Her... Reduce each of the following ratios to lowest terms. Show your work please a) 15 : 36 : 27 b) 2.5 : 6 : 7.5 c) 5 : 5/7 : 15 Directional Derivatives Similar to this: . 1. (7 pts) The heat stone (a lesser known infinity stone) is suspended at the point a = (6, 6, 6) in R3, and the cold stone (an even lesserer... Explain how to calculate 29 . 20 mentally by using 30 . 20. Write an equation that uses subtraction and the distributive property and that corresponds to your strategy. Without drawing all the deta... Question 5 10 pts The sound from a single source can reach point O. Wh... what would be the answer?. [2 mks] 7. The mean for the height of five men is 153 cm. Find the fifth height, if four of the heights are 125 cm, 180 cm, 155 cm and 145 cm. [3 mks] Suppose that we would like to approximate R 1 0 f(x)dx by Q[f] = Z 1 0 P2(x)dx, (4) where P2(x) is the polynomial of degree at most two which interpolates f at 0, 1/2, and 1. (a) Write P2(x) in Lagran... If the aspect ratio of a chalkboard is 4:3 and the width is 5 in., what is the length of the chalkboard? Can you help me with part A. Question 3 of 9 Amy purchased a new printing machine and started a small printing shop. As per his calculations, to earn revenue of \$5,500 per month, he needs to sell print... Can you help me with this?. Question 8 of 11 A bank offers interest rates of 1.50% p.a. for 60-day GICs and 1.75% p.a. for 120-day GICs. Leonie was considering the following two investment options ... this is for aerospace and aeronautical tutors. 24 Refer to the diagram in Figure 1. Illustration 'B' is representative of: Maximum Authorised All-Up Mass b) Empty Mass C) Zero Fuel Mass None of the ab... I wan to know how to Calculate the average (mean) dimensions of each object ($V \pm dV$), where V is the me... Linearize Ady(t) + B In(y(t)) - C = x(t) around To, yo. Linearize Ady(t) + B In(y(t)) - C = x(t) around To. inp... What is the list price of a product that is subject to discount of 3½%, 7%, 14% if the net price is \$250? Overlay method. From the midpoint of the beam; (ii) the deflection of the midpoint of the beam. B 2m 3m 1m N... please solve it as much as you can . Q4. Support Vector Machine This question is about deriving the dual formulation of the constrained optimization problem of the Hard- margin S.V.M. Recall, given ... Part 2 Part 3 Part 4 Part 5 Part 6 Part 7 Part 8 Part 9 Part 10 (Just a-f no letter e) Part 11. (1 point) (This problem is similar to workbook problem 1 of Global Extrema) Let f(x) = 23 - 21 \times 2 + 14... The owner of a movie theater company used multiple regression analysis to predict gross revenue (y) as a function of television advertising (x 1) and newspaper advertising (x 1) and newspaper advertising (x 1). The estimated r... Lee Holmes deposited \$17,200 in a new savings account at 11% interest compounded semiannually. At the beginning of year 4, Lee deposits an additional 42,200 at 11% interest compounded semiannually. A... Hand-Calculate numerical values for y(x) at x = 1. I. Given: dy/dx = y'(x) = f(x,y) = 5 y1/3 - 2 x2 with initial conditions at $X_r = 0$, y(X) = 1 With Ax = h = 1 solve for y(x) at x = 1 (just... Sir, i am stuck on this question . Express the contrapositive of the given conditional in terms of a sufficient condition and a necessary condition. Knowing CPR is necessary for being a paramed... Joe makes \$72,000 a year payable monthly. How much is taken for each check if he has to pay FICA med tax (1.45%), and FICA social security tax (6.2%) and he pays 15% of his income in federal tax, 8% i... One gram of soybean meal provides at least 2.5 units of vitamins and 5 calories. One gram of meat provides at least 4.5 units of... What is said to be the most basic pattern in nature? A. pattern of flow B. pattern of rhythm D. pattern of vitamins and 3 calories. One gram of grain provides at least 5 units of... What is said to be the most basic pattern in nature? A. pattern of flow B. pattern of flow B. pattern of vitamins and 3 calories. One gram of grain provides at least 5 units of... What is said to be the most basic pattern in nature? A. pattern of flow B. pattern of -6 Let M = 3 12 Find formulas for the entries of M", where n is a positive integer. Mn = Find an example of a probability distribution in the news. Why was this presented? What decisions might it impact? short answer Please provide Handwritten answer. Let X; be chosen uniformly and independently from (0, 1) for i = 0. 1, 2, 3.... For each such a, define Yi = Xo . X . X2 . X Find the probability that there exists ... lead to confusion because "x" is also used as a variable.instead we can use a dot(•) or a parenthesis() such as 5(n).. Remember: Addition and Multiplication are commutative. Commutative means that i... Please! :). Show Intro/ Instruct One 6-ounce can of soda has 135 calories. If Caleb drinks the big 9-ounce size from the local mini- mart, how many calories will he consume? calories Preview Points po... 1 (10 marks) Consider the PDE and bring it to canonical form by applying a suitable transformation. (b) Hence obtain the general solu... VO ILO MPM2D Learning Activity Assessment of Lear 3. Solve the following system of equations using the method of substitution. (5 marks) 2x + 3y = 5 4x + y - 5 Hi, I want to ask how to solve this problem, thanks you!!!. Problem 10 (10 points). Whenever B can be derived from A by a combination of elementary row and column operations, we write A N B, and we sa... Write the number in scientific notation: 0.000 000 000 082 = To enter numbers in scientific notation, use the * for the times symbol and use the exponent symbol ^ (above the 6). For this problem, leav... A restaurant averaged 40 employees over the course of a year. What is the turnover rate for that restau- rant if it employees over the course of a year. of the year but only has 36 employees on staf... Find the Laurent series for $f(z) = 1/(z^2 - 3z + 2)$ in the annulus 1 < |z| < 2 A group of college students is planning a camping trip during the upcoming break. The group must hike several miles through the woods to get to the campsite, and anything that is needed on this trip m... Please! :). A private jet can fly 2040 miles against a 26-mph headwind in the same amount of time it can fly 2560 miles with a 26-mph tailwind. Find the speed of the jet. mph Previ Are a,b,c strict linear orders? (b) (X, P), where X = Re x Re and (a, b) P(s, t) iff (a > s and b > t) (c) (X, Q), where X is a set of n-dimensional alternatives, f1, \$... mathematics. Lim K - 16 K - 7 4 J K - 4 Find dy if Solve the equation y = 2 n - 3n" - 3 bre + 1 when dy 20 Blackboard X < > X U @ X. WEBCAM RECORDING Remaining Time: 1 hour, 50 minutes, 41 seconds. Question 33 1 points Save Answer [CLO-3] The figure below is a regular hex... A person is paid a retainer of \$1234 per fortnight plus commission of 3.5% of all goods sold the previous fortnight. One fortnight. One fortnight the person was paid a total of \$1868.40. what was the total value of ... Hello I need to know how lower will my Cumulative/term g.p. a drop if I get a D in my last fall 201 class. SW 122 Hel... First, create 3 equations of the form and ... Help me answer the following question. . If Sis the sample space of a random experiment and E is any event, the axioms of probability are: D PIS} = 1 O 05MB 0 For any two events E1, E; with E1 n E; = ... Let $F(x, y) = xy + 3 \times 2 + 10$. with x = s - t and y =
2st. Find the partial derivative of F with respect to s. For algebraic expressions enter variables in alphabetical order, do not include spaces and ... Let H(n) be defined as follows: $H(n) = \{0 \ n \ \{ \ 0 \ i \ f \ n = 1 \ o \ r \ n = 2 \ , H(n - 1) \ (n - 1$ + H (n - 2) - H (2n - 1 if n > 2))) Prove that for every n \in N, n \geq 1?... solve it pls. Q10) Poles Apart purchased snowboards at a cost of \$345 and marks them up by 35% of the selling price. The store's overhead is 20% of the selling price. The store's overhead is 20% of the selling price. The store's overhead is 20% of the selling price. The store's overhead is 20% of the selling price. The store's overhead is 20% of the selling price. for a rocket. Use four decimal places in calculations. Time, S 25 5 75 100 125 Distance, km |0 32 58 78 92 100 Determine the vel... Find an orthogonal matrix P such that P-1. A. P is diagonal and has as diagon elements the eigenvalues of A, where 3 -1 1 A = -1 5 -1 1 -1 3 Verify your conclusions. Please Answer This Question!. 32. The dean of Faculty of Engineering Technology, UTeM wants to install the solar panels on the top of Factory Four's building in order to reduce the cost of monthly ele... Let A, B, and C be sets in a universal set U. We are given n(U) = 95, $n(A \cap B) = 27$, $n(A \cap C) = 28$, n(Asolutions step by step for for all (a, b, c, d)? I'll give a good rating if the solutions are clear and complete! Thank You! Sir i am stuck for this question 5 10 pts Henry invited his friends over for a pizza party. Each pizza was divided into 8 slices. The line plot below represents the amount of pizza eaten by the boys at the party. What is t... Un pequeño proyectil se lanza desde el nivel del terreno con una rapidez inicial de 98 m/s. Encuentre los posibles ángulos de elevación que permite un alcance de 490 m. 1. Converting number representation in different bases (Calculate by HAND) 3.. Convert these numbers from ... Permintaan akan barang X ditunjukkan oleh persamaan Qd = -6 + 6Px. sementara itu permintaan akan barang Y ditunjukkan oleh persamaan Qdy = 9benawarannya Qsy = 3 + 7Py, berapa harag... Application of quadratic equations. "Cure: 2090, 1 of 4 points Part 1 of 2 O Points: 0 of 1 aul has 520 yards of fencing to enclose a rectangular area. Find the dimensions of the rectangle that m... Please help me with this problem will be really appreciated... Q.6 (a) Prove that two consecutive search directions obtained in the steepest descent search algorithm are mutually orthogonal to each ot... 18) (6 points part a; 10 points part a casino. Each player has a probability of 0. 18 of winning \$14, for a net gain of \$6 (the net gain is the amount won 14 minus the cost of playing 8). ... subject functional analysis. THEOREM (1) Let M and N be the two Banach spaces and T :N -> M is a linear operator. Then T is a continuous iff G(T) is a closed subspace of NxM. THEOREM (2) Let M and N... Pregunta 1 (1 punto) 1.- Un distrito de riego recibe una dotacion de 10m3/s, en la entrada del distrito se tiene un canal de 2m de ancho y esta recubierto por la presencia de un salto hidraulico, agua... it had an anixture. ESTION 2 Mr P. Arendse is an employee at a large company. The abbreviated salary advice below shows his monthly income and deductions. UIF is calculated at 1% of the gross salary... solve the problem. xy (h, 13) The variables x and y are related by the equation $y = 3 \times 2 - 9$ A straight line obtained by plotting xy against x 3. Find the value of h and of g. Pemboleh ubah x dan y di... perform sensitivity analysis on the following model to get the sensitivity ranges of the cj values and bi values. Draw conclusions. Minimize: $Z = 220 \times 1 + 225 \times 2 + 185 \times 3 + 195 \times 4 + 125 \times 5 + 110 \times 6$ s.t x... Find the length of side x and side y given that the triangles are similar. B 25 30 B' 10 A 35 C A C' X = (Simplify your answers.) Hi there!! I know this is a PDE Laplace equation and I think managed to solve part (a). I have tried to solve the triangles are similar. B 25 30 B' 10 A 35 C A C' X = (Simplify your answers.) Hi there!! I know this is a PDE Laplace equation and I think managed to solve part (a). I have tried to solve the trie part (b) of the question below but I don't know how to go about it. Here is what I have tr... Selling a product at a price equivalent to or below marginal cost is recommend for a short period in certain special circumstances, such as making subject of the formula. (d) For bar which is subjected to the force P in addition to an increase in AT temperature the total extension S,, is given by the formula: Inuphis lanipho or a OSS mulb... You just arrived to a hotel which has a weirdly complicated system of staircases going up: one goes up one floor, another staircases going up: one goes up one floor, a thir... Briefly explain what is the purpose of assessment in early grade? (Costo de una lata) Una lata cilíndrica tiene radio r y altura h. Si el material con que se produce tiene un costo de \$2 por unidad de área, exprese el costo de la lata, C, como una función de ... I need help getting these into scientific notation Please provide Handwritten answer.. Let R > 0. Show the the series z zn on C \ DR(0) uniformly n=0 n! converges to el/z, and use that to compute the following line integral: el/z dz, where y(t) ... Create a One-Way ANOVA table for the following a. Zones of inhibition of various treatment X - T1 = 15.4; T2 = 15.0 T3 = 12.8 P... Prove the following proposition: Let r, s, t \in R with rs = t. If t is a non-zero rational number and r is irrational. 3.7 Explain what is meant by a weakly (or second-order) stationary pro-cess, and define the ac.f p(k) for such a process. Show that p(k) = p(-k) and that |p(k)| < 1. Show that the ac.f of the st... Ben goes to the grocery store at a rate of 6 times a week. How many times would he be expected to go to the grocery store in 10 weeks? Translate to a times proportion: weeks weeks C = times in 10 week... Considere sistema de 3 ecuaciones lineales con 3 incognitos: 3x - y + 2z = 1, entonces se cumple que 2x - 4y + az = -2 O Ninguna de las otras respuestas es correcta. O Siempre tiene u... 13.Let $U = \{a, b, c, d, e, f, e, f,$ g A = {a, e} B = {a, b, e, f, g} C = {b, (a), find... Please help me get started with this problem: How can I express this statement in symbols? How can I determine if it is true or false? How would I go about expressing the negation in words and symbols... harvey invested 100000 in a trust fund htat pays12% compunded semi-annualy how long it will take double his money? and how to get the time? Find the balance in an account if 2800 is invested at an annual rate of 4.25% for 6 years and compounded monthly A) \$ 3,514 B) \$ 3,611.67 C) \$4,654.44 D) \$2,860.03 Solve the equation... Q4: Consider the following finite difference approximation (UitLy - Zu, + 141-1.1) - (1,+11 - 1,-1). where y is a constant. The above finite difference approximation (UitLy - Zu, + 141-1.1) - (1,+11 - 1,-1). difference scheme is stable for airs birk chr> d) N... A) Use an integral to find the area between $y=\cos +15$ and $y=\ln(x-3)$ for $6 \le x \le Round$ your answer to three decimal places I need help. A website sells custom messenger bags in 5 sizes. For each size, there are 53 color/fabric combinations. Any of these 53 can be chosen for the left, center, and right panel. In addition, ... Please show steps on how you were able to compute the answers. Q1. Consider the curve over r... Assume f E L' (R), i.e., f is in the Lebesgue space of integrable functions on R. For each a > 0, let fa(x) = af(ox). Prove that lime-1|If - fall = 0. An investment of \$1000 is deposited at a certain annual interest rate. One year later, \$4000 is deposited in another sheet and attach it to this test paper. H Patterns and Numbers in Nature 1. Population in the year 2020 has been estimated to be 7,800,000,000 and the current popul... Please provide Handwritten answer. For the differential equation and the boundary conditions shown here determine the first three natural frequencies, and their respective mode shapes. av a*v a*v az ... Question 2 Consider the functions f (x) = x(x - 3)(x + 4). g(x) = x + 2, and h(x) = x - 1 Compare the x and y intercepts and the domain of the new functions of m(x) = 9(x) h(x... What's New We said that for a reason to become a function, the value of the domain must correspond to a single value of the range. Let read some of the conversation and determine if they can be classi... Solve the multiplication problem 96 X 8 in three different ways: by using the common method for writing the standard algorithm, by using the partial-products method for writing the standard algorit... Question 2 A bakery makes sweet rolls and donuts. A batch of sweet rolls requires 31b of flour, 1 dozen eggs, and 21b of sugar. A batch of donuts requires 51b of flour, 3 dozen eggs, and 21b of sugar.... i neee and answer. 6. Tania wants to cut a wooden block into a "1". 6 cm 16 cm 3.5 cm 15 cm a. What will the surface area o... Politics Use duality to answer the following application. The political pollster Canter is preparing for a national election. It would like to poll at least 1,100 Democrats and 1,100 Repub... help me please. 3. Dalam Rajah 3, titik O ialah asalan, titik R dan titik / terletak pada paksi-x dan titik / terletak pada paksi-y. Garis lurus RS adalah selari dengan garis lurus PO dan garis lurus RS adalah selari dengan garis lurus PO dan gar There are initially 100 fish in a pond and its population is changing at a rate of 413-3012 -12+150 where t is time in weeks. What will be the population after one year? Two cyclists, Isabella and Maria, are having a race. They both travel along a straight road with constant acceleration, starting from rest at point A. Isabella accelerates for 5 s at a constant rate a... Instructions: 1. Study the following topics on: a. Simple and
General Annuity (Module 4-5); b. Fair Market Value of a Cash Flow (Module 7) 2. Read, analyze and do w... Q 1: (13 Points) Use simplex Method to solve the Linear Programing Problem Maximize P 2 2.171 + x2 + 3×3 x1+2×2 + 13 5 25 subject to the constraints $3 \times 1 + 2 \times 2 + 3 \times 3 < 2$ 30 35120, x2205x320 Denote the bird and cat population at time k by xk = [Ok Rk] where k is the time in months, Ok the number of birds in the region studied, and Rk the number of cats (measured in thousands). Suppose: Ok... Numerical scores rarely tell the whole story. Besides how many words Mark can read correct per minute, what information do you need to know regarding his reading performance on th. Numerical scores ra... (10 points) Graph the feasible region for the following LP Problem using desmos. max 5A + 2B subject to A - 2B < 420 2A + 3B < 610 6A - B < 125 A, B 2 0 Also find the optimal solution to th... Creat class that has the following methods roundANumber and truncateANumber and truncateANum angle of 55.0' above the horizontal from a height of 100. m above the ground at a point 65.0 m horizontally away from the bas... It is only one question, but it is very long, I had to take several pics to make it fit. Ann asked 12 students how many courses they have taken so far at her college. Here is the list of answers., 16, 7, 21, 14, 9, 11, 22, 19, 17, 12, 525 What is the pe... a) Evaluate the following indefinite integral of a rational function: $3 \times 2 - 9x - 9 dx x^3 - 9x$ (Marks: 15) I b) 1. Sketch the region bounded by the curves $x = y^2$, $y = V^2$, and x = 0. 11. Use cylindrical... The distance covered by a bike is given by the expression $2 \times 2 + 6x - 20$ km. The time taken by the bike to cover this distance is given by the expression x - 2 hr. Find the speed of the bike at x = 4.... Un gas ideal circula a través de un ciclo de Carnot. La expansión isotérmica tiene lugar a 50°C. El gas admite 1200 J de energía del depósito ca... IDIC Determine all positive number replacements (less than the modulus) for the question mark that make the statement true 1 -?=2 (mod 5) Select the correct choice below and, if necessary, fill in the... Identify the function, a polynomial function, or neither. f (x) = 3 + 1 A power function as a power function, a polynomial function for a power function as a power function for a power function. polynomial... JimmyJohn Consulting has just won 3 contracts for new clients it wants very much to target. They have assigned their project teams, but each project teams, but each project teams, but each project teams, but each project teams of the t... 2). Use definition of uniform continuity to answer the following questions. i) The function f(x) = In r is uniformly continuous on the interval (0, 1). Prove or disprove ii) Let A be a non-empty subse... Suppose we have the following estimates from the data: $\mu = 0.5768$, $\gamma 0 = 1.7379$, $\gamma 1 = 1.4458$, $\gamma 2 = 1.0600$. Find the Yule-Walker estimates for the AR(2) model. Casey has cats, and Dylan has dogs. They both have the same number of pets. Hannah has hamsters. The number of hamsters equals the total number of cats and dogs. Gabi has goldfish. The number of goldf... Using the symbols defined in, and assumptions underlying, the Formulae and Tables for Actuarial Examinations, calculate the expected present value as at 1 January 2015 of this member's total pensio... Paul is on vacation in the Caribbean. He changes 4500 Mexican pesos (MXN) to Eastern Caribbean dollars (ECD). He receives 630 ECD. Calculate the rate of exchange. 1 ECD =MXN B Quizzes - 2021/2022 C X Launch Meeting - Zoo X Untitled X w Final Review - key (2).c x * Course Hero *Homework Help - Q& x + X C * model financial investments. We can use them to see how much an investment ... You are looking for a job with three different company #1, the mean and median salary is much smaller than the median salary. At Company #2, the mean and median salary is much smaller than the median salary is mu prices Don't even think of zooming into an interview and not knowing the Black-Scholes-Merton model. A Call C [no dividends] trades on a sto... How do you find a? Like put it alone on one side of the equation. V 2a(X, - X Incorrect Your Answer: Not given The Venn diagram below shows the 10 students in Mr. Cox's class. Art Computer The diagram shows the memberships for the Art Club and the Computer Club. Note that "... please provide explanation. 10. Let f be a continuous function on R and compute G'. You may freely use the fact that th... Sir i am stuck for this question. 7. (8 MARKS) Assume that u is perpendicular to v and w. Is u perpendicular to every linear combination of 7 and w? Justify your answer. [Numerical Analysis] Derive the system of equation needed for find the four-point Gauss-Legendre quadrature rule. Please provide Handwritten answer. [Numerical Analysis] Derive the system of equation needed for find the four-point Gauss-Legendre quadrature rule. algorithm step by step Help me please with clear explanation thank you. Kindly open the link for the reference: . A. MULTIPLE CHOICE Directi... mathematics economic and business. 7. Given the supply function, P = 20 + 0.5Q, (a) Calculate the arc price elasticity of supply when the price increases from \$40 to \$60. Interpret your result (b) Ca... Please kindly show work is clearly. Section C: Thinking/ Inquiry 5. Find the measure of < C (4 marks) 14 in 6 in B 9 in C Determine the amplitude is The period, and phase shift (if any) of the given function. Also, find its graph. 4 y = $-\sin x - 45$ The amplitude is The period is 1. (Type an exact answer, using it as neede... Please Answer the Questions as soon as possible for all 3 types of model.. (i) Find a polynomial $p(x) = a + bx + cx^2 + dx^3$ that satisfies p(0) = -3, p'(0) = -2, p(1) = 8, p'(1) = -3 (5 Marks) (ii) C... Prove the following statement by contrapositive. For any integers x, y and z, if x + z, then x + y or x + (y + z). (0) [(1 05)3075 - (Do not evaluate. Use positive exponents only.) Q2. Consider any set S C R" and twice continuously differentiable function f: S - R. Let re S and s e R" be such that a + ts e S for all te [0, 1]. (a) By defining O(t) = f(x + ts) and using... choose the correct written expression for: 25 - (3 x 4). Choose the correct written expression for: 25 - (3 x 4). Choose the correct written expression for: 25 - (3 x 4). quotient of 3 and 4 subtracted ... Compute directly (no upper bound!) the exact maximum of the errors of the approximation to the function for selling x items is C(x)=50x+250 and the revenue function for selling x items is R(x) = -0.5(x-120)2 + 7,200. The maximum capacity of the company is ... The Cantor set C corresponds to the choice an = 3 2. Suppose that we instead choose numbers and that converge more quickly to zero, say an = 2-2n = 4 2. Let U be the union of all of the intervals that ... Explain the concept of dragging all of the steps necessary into the box to find the product of 2.3*0.52.3*0.5 using partial products Question 3. (3 marks) The system :: = -:c + u, where u = 'a(t) is not subject to any constraint, is to be controlled from 18(0) = 1 to \$(2) in such a way as to minimize J = 1132(2) + [201, 2 - 2:1... What are the answers of this. A. Determine which of the given statements is inductive or deductive reasoning: 1. If a quadrilateral has four sides, then a rectangle is a quadrilateral. 2. I find peopl... (a) Consider the matrix -1 0 0 A = 1 -2 O . 2 3 -3 Examine whether the line... Kindly solve question 3. 15:31 YOU 4Gt 58% Question Paper Print—CA... 5) . . . 1. Module 1 6 marks per questions Q1 (71480) Scan and/or Upload 6 marks Medium Determine the analyti... refer to image for questions Q1 (71480) Scan and/or Upload 6 marks Medium Determine the analyti... refer to image for questions Q1 (71480) Scan and/or Upload 6 marks Medium Determine the analyti... refer to image for questions Q1 (71480) Scan and/or Upload 6 marks Medium Determine the analyti... refer to image for questions Q1 (71480) Scan and/or Upload 6 marks Medium Determine the analyti... refer to image for questions Q1 (71480) Scan and/or Upload 6 marks Medium Determine the analyti... refer to image for questions Q1 (71480) Scan and/or Upload 6 marks Medium Determine the analyti... refer to image for questions Q1 (71480) Scan and/or Upload 6 marks Medium Determine the analyti... refer to image for questions Q1 (71480) Scan and/or Upload 6 marks Medium Determine the analyti... refer to image for questions Q1 (71480) Scan and/or Upload 6 marks Medium Determine the analyti... refer to image for questions Q1 (71480) Scan and/or Upload 6 marks Medium Determine the analyti... refer to image for questions Q1 (71480) Scan and/or Upload 6 marks Medium Determine the analyti... refer to image for questions Q1 (71480) Scan and/or Upload 6 marks Medium Determine the analyti... refer to image for questions Q1 (71480) Scan and/or Upload 6 marks Medium Determine the analyti... refer to image for questions Q1 (71480) Scan and/or Upload 6 marks Medium Determine the analyti... refer to image for questions Q1 (71480) Scan and/or Upload 6 marks Medium Determine the analyti... refer to image for questions Q1 (71480) Scan and/or Upload 6 marks Medium Determine the analyti... refer to image for questions Q1 (71480) Scan and/or Upload 6 marks Medium Determine the analyti is given ... please help urgently. For the following math problem, please choose the appropriate answer in the correct significant figures and in scientific notation. (4.58 x 10-5) - (6.285 x 10-4) + (3.512 x 10-3... can u help me to solve it, thanks. Question 2 (15 points) (i) (4 points) Find all the stationary points of the function f (x, y) = re-23-92. (ii) (8 points) Explain whether the stationary points are 1... Researchers are trying to use machine learning algorithms to make redistricting more equitable and efficient. For a sample of six zones
(labelled Z1-26), each zone can be described by at least one ... proof . (a). Define f : [0, 00) -+ R by f(x) = vx + 1. Prove f is uniformly continuous on [0, co). 3 (b) Define g:[0, co) - R by g(x) = 2 + x + 2. Prove g is NOT uniformly continuous on [0, oo) business mathematics. Gross Earnings is the total amount of earning that an employee receive from his/her employee receive Please help. In this project you are required to do the following: 1. Create the Excel spreadsheet with the re... Please show all work!. Let X, Y be sets with A, B C X and C, D C Y. Verify the following: (a) A X (C -D) = (A X C) - (A X D). (b) (X X Y) - (A X C) = [(X - A) x (Y - C)] U[(X - A) x (Y - C paying \$950 in monthly rent and wants to know how much she could borrow using a 30 year mortgage at 5% APR and for the same payment as her current rent. Wha... A motor company is manufacturing pickup trucks, sedans, minivans, SUVS, four-wheeler ATV, and motorcycles. The dots in the Venn diagram below show the type of each vehicle. A vehicle is selected at ra... A cellular phone company has the following productivity function p (x, y) = 60 x 0.3 y 0.7, where x = units of labor and y = units mowers for E60 and sells them for 678. What nt Let the relation R on {1.2.3} be given by the following table: Observe that R is not transitive, because 2R3 and 3R1, but not 2R1. The removal of which one of the following table: Observe that R is not transitive, because 2R3 and 3R1, but not 2R1. The removal of which one of the following table: Observe that R is not transitive, because 2R3 and 3R1, but not 2R1. The removal of which one of the following table: Observe that R is not transitive, because 2R3 and 3R1, but not 2R1. The removal of which one of the following table: Observe that R is not transitive, because 2R3 and 3R1, but not 2R1. The removal of which one of the following table: Observe that R is not transitive, because 2R3 and 3R1, but not 2R1. The removal of which one of the following table: Observe that R is not transitive, because 2R3 and 3R1, but not 2R1. The removal of which one of the following table: Observe that R is not transitive, because 2R3 and 3R1, but not 2R1. The removal of which one of the following table: Observe that R is not transitive, because 2R3 and 3R1, but not 2R1. The removal of which one of the following table: Observe that R is not transitive, because 2R3 and 3R1, but not 2R1. The removal of which one of the following table: Observe that R is not transitive, because 2R3 and 3R1, but not 2R1. The removal of which one of the following table: Observe that R is not transitive, because 2R3 and 3R1, but not 2R1. The removal of which one of the following table: Observe that R is not transitive, because 2R3 and 3R1, but not 2R1. The removal of which one of the following table: Observe that R is not transitive, because 2R3 and 3R1, but not 2R1. The removal of which one of the following table: Observe that R is not transitive, because 2R3 and 3R1, but not 2R1. The removal of which one of the following table: Observe table: O 22_HMDiza_GE7_MMW_I BSCS B_Mon_10-11am) Close g list Activity O b. 5 E Chat O c. 8 O d. 13 Teams Assignments TOOTOJ... (c) Compute the other two corner points (the intersection of constraints 1 and 2, and then the intersection of constraints 1 and 3). Verify, using KKT, that neither of these is an optimal solution. (d... help me please I need help S.O.S. Here are ten numbers: 3 7 2 4 7 5 7 1 8 8 a) Write down the mode. b) Work out the median. c) Calculate the mean. d) What is the range? A simple random sample of size n equals 12.5. Construct a 99% conf... Describe one collection of things whose total number is given by the expression 8. (4 + 2) and another for the expression 8. (4 + 2) and another for the following statement by using induction method. 1 1 1 1 1 L' E+fi+fi+m+nmnf1 mm" (7 Marks) b) Write each of the following sequence using summation or product notation. i. 12 ?... how many edges does a simple graph with degree set { 1,2,2,3,6} have ? I need to find the average speed of the cyclist when t=20. * I need answer. B. Find the LCD of each set of Polynomials 1. - 9 and 3 X+1 X+2 2. 2x+1 and X-5 3. and 25 4. and 5. and 6. 11 and 3 X+3 X-2 7. x+1 and X 12x 4X -6x 8. -4X and E 8 12 6 9. x+2 and 9 X... bond with a face value of \$1000 and 20 years remaining until maturity, pays a coupon rate of 10% compounded semiannually. What yield (compounded semiannually) to maturity is earned by an investor who ... Please show all work!. Let X, Y be sets with A, B C X and C, D C Y. Prove or disprove the following: (a) $(AUB) \times (CUD) = [(A - B) \times C]U[(AnB) \times (CUD) = [(A - B) \times C]U[(AnB) \times (CUD)] = [(A - B) \times$ multiplication facts. The math topic is "calculus of variations". It's a graduate math course.. According to an economic model, the budget b(t) at time t 2 0 in a household is chosen to maximise the lifetime utility U1b) = ... Please answer all parts to the following question! I will upvote. 1. Recall Euler's formula e"i = cos 0 + isin 0 and the multiplication formula 2. (N-1) phil's = e(04)i. Consider the set A = {1, ... I bought my golf clubs in 1984 for a total of \$335. To replace them now would cost me \$949. What is the percent increase in the value of my clubs. Round to the nearest hundredth of a percent. Josh consistently remembers that 7 X 7 = 49, but he keeps forgetting 7 X 8. a. Explain to Josh how 7 X 7 and 7 X 8 are re-lated. Draw an array to help you show this rela- tionship. Necesito la respuesta. La afirmacion: :so 9 - u = w 'Z P UE Z = WA O a. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m + 5, y se cumple que m: 5 O b. Verdadera, pues para cada mez existe n = m Geogebra graficar las funciones (53, 54, 55, 56, 58, 59, 60, 61): -5: x < -5 56.- y = sen(2x) 53- fix)= (x : xe [5.5] 54-y = In (3x+1)... Question 9 < > 0/10 pts 5 100 @ Details Given the vector function T (t) = < 1t, -2+3, -4t' + 6 > Find the velocity and acceleration vectors at t = -1 U(-1) = a(-1) = Safari File Edit View History Bookmarks Window Help 66% Sat 6:30 PM Q mathxl.com Syllabus for Math Literacy for College Stud-MATH75-29035.. 0. Given y'=0.5xy. y(0) = 1. y(0.1)=1.0025. y(0.2)=1.0101. y(0.3)=1.0228. Obtain the value of y(0.4) using Adam's Bashforth formula. Please help with this graph theory problem. Find the Prufer code of the following tree. 8 5 10 0 3 If the encoding February 2013 e absolute change... please show steps on how to solve this problem thank you. 5. Let o(s) be a unit speed curve in 3-space with nowhere zero curvature K. so we can define the torsion r and the Serret frame t, n, b as usu... Twenty computers are produced each hour by a company, and several are selected for testing. How many ways can 3 of the computers be selected for testing each hour? Here is the SMART goal. S: Walk for 30 minutes per day, seven days a week. M: Time walks, track number of steps taken and keep a daily log. A: Find a walking partner. R: To start, walk for 10-15 minut... There is an obvious interest to model how an infection spreads within a given population A very simple approach is based on the differential equation dt d N (t) = r N (t) (1 - K N (t... The method of tree-ring dating gave the following years A.D. for an archaeological excavation site. Assume that the population of x values has an approximately normal distribution. 1,306 1,257 1,292 1... Top picture : select question The arrow 6 units represents the (select) Difference-Minuend-Subtrahend) and the arrow of 4 units represents the (Difference-Minuend-Subtrahend) The arrow of 8 units ... please help with the following, Thank you.. D Question 2 4 pts For the next 3 questions: Use proof by induction to show that for all positive integers, 2 + 4 + 6 + ... + 2n = n(n + 1). For example, n=ext 3 questions: Use proof by induction to show that for all positive integers, 2 + 4 + 6 + ... + 2n = n(n + 1). For example, n=ext 3 questions: Use proof by induction to show that for all positive integers, 2 + 4 + 6 + ... + 2n = n(n + 1). For example, n=ext 3 questions: Use proof by induction to show that for all positive integers, 2 + 4 + 6 + ... + 2n = n(n + 1). For example, n=ext 3 questions: Use proof by
induction to show that for all positive integers, 2 + 4 + 6 + ... + 2n = n(n + 1). For example, n=ext 3 questions: Use proof by induction to show that for all positive integers, 2 + 4 + 6 + ... + 2n = n(n + 1). For example, n=ext 3 questions: Use proof by induction to show that for all positive integers, 2 + 4 + 6 + ... + 2n = n(n + 1). For example, n=ext 3 questions: Use proof by induction to show that for all positive integers, 2 + 4 + 6 + ... + 2n = n(n + 1). For example, n=ext 3 questions: Use proof by induction to show that for all positive integers, 2 + 4 + 6 + ... + 2n = n(n + 1). For example, n=ext 3 questions: Use proof by induction to show that for all positive integers, 2 + 4 + 6 + ... + 2n = n(n + 1). For example, n=ext 3 questions: Use proof by induction to show that for all positive integers, 2 + 4 + 6 + ... + 2n = n(n + 1). For example, n=ext 3 questions: Use proof by induction to show that for all positive integers, 2 + 4 + 6 + ... + 2n = n(n + 1). For example, n=ext 3 questions: Use proof by induction to show that for all positive integers, 2 + 4 + 6 + ... + 2n = n(n + 1). For example, n=ext 3 questions: Use proof by induction to show the next 3 questions and n 3 ... Mary says that 10 . 3.7 = 3.70. Why might Mary think this? Explain to Mary why her answer is not correct and why the correct answer is right. If you tell Mary a procedure, be sure to tell Mary why ... What is the solution of $3-2x = 3 \times 2 x + 2 a$ x=0, x=1.5 b) x = 2, x=0 c x=3, X== d x=2, x=0 c x=3, X== d x=2, x=0 c x=3. sh. Each sh weighs exactly 1 pound. On any given day, a sh may eat another sh, or be eaten himself, or may do nothing. A sh is never eaten and eats o... The graph f(x) = has a point of discontinuity at the point x2-2x-3 a. (3. 2) b. (3,0) C. (3, 1) d. (-3,0) 6. Given the following information, write the equation of a possible rational function in... B Quizzes 2021/2(X Launch Meeting - X Untitled X w Final Review - ke) X * Course Hero X Homework Help - X + X C �� Please provide Handwritten answer. Q29. The coordinates of the nodes of a 3-D simplex element are given below. Coordinates of the Node Node Number X Y Z 0 10 10 0 15 0 20 Determine the shape function ... Boats are anchored at positions J, K and M on a lake. Boats J and K are 80 m apart and J and M are 110 m apart. Angle K is 1200. What is the angle J? How far is it from K to M? 4. A spotlight is 8... Please show all work! The solutions are attached but I still don't entirely understand the process. I would appreciate a fully written out solution with steps. Assume that in RSA cryptography syst... Calculate the expectation of each die: a) a 6 sided die with its faces numbered 2,4,6,8,10,12. [1k] b) a 12 sided die with its faces numbered 1,2,3,4,S, and so on up to 12. [1k] b) a 12 sided die with its faces numbered 1,2,3,4,S, and so on up to 12. [1k] b) a 12 sided die with its faces numbered 1,2,3,4,S, and so on up to 12. [1k] b) a 12 sided die with its faces numbered 1,2,3,4,S, and so on up to 12. [1k] b) a 12 sided die with its faces numbered 1,2,3,4,S, and so on up to 12. [1k] b) a 12 sided die with its faces numbered 1,2,3,4,S, and so on up to 12. [1k] b) a 12 sided die with its faces numbered 1,2,3,4,S, and so on up to 12. [1k] b) a 12 sided die with its faces numbered 1,2,3,4,S, and so on up to 12. [1k] b) a 12 sided die with its faces numbered 1,2,3,4,S, and so on up to 12. [1k] b) a 12 sided die with its faces numbered 1,2,3,4,S, and so on up to 12. [1k] b) a 12 sided die with its faces numbered 1,2,3,4,S, and so on up to 12. [1k] b) a 12 sided die with its faces numbered 1,2,3,4,S, and so on up to 12. [1k] b) a 12 sided die with its faces numbered 1,2,3,4,S, and so on up to 12. [1k] b) a 12 sided die with its faces numbered 1,2,3,4,S, and so on up to 12. [1k] b) a 12 sided die with its faces numbered 1,2,3,4,S, and so on up to 12. [1k] b) a 12 sided die with its faces numbered 1,2,3,4,S, and so on up to 12. [1k] b) a 12 sided die with its faces numbered 1,2,3,4,S, and so on up to 12. [1k] b) a 12 sided die with its faces numbered 1,2,3,4,S, and so on up to 12. [1k] b) a 12 sided die with its faces numbered 1,2,3,4,S, and so on up to 12. [1k] b) a 12 sided die with its faces numbered 1,2,3,4,S, and so on up to 12. [1k] b) a 12 sided die with its faces numbered 1,2,3,4,S, and so on up to 12. [1k] b) a 12 sided die with its faces numbered 1,2,3,4,S, and so on up to 12. [1k] b) a 12 sided die with its faces numbered 1,2,3,4,S, and so on up to 12. [1k] b) a 12 sided die with its faces numbered 1,2,3,4,S, and so on up to 12. [1k] b) a 12 sided die with its faces n looking at was \$450. What is the sale price? 2) A woman purchased a used car ... A contractor receives \$475,500 for a construction of a building. Total expenses amounted to \$405,500. What is the percent of the profit from the \$475,500 for a construction of a building. Total expenses amounted to \$405,500 for a construction of a building. explanation for why, when dividing by a fraction that is less than 1, the quotient can be greater than 1. Divining dimension of the object? Round your answer to 03 decimal places. d = T... please please do this rigth. Add the given mini IEEE floating point numbers and represent the result in mini-IEEE format (renormalize if necessary) 1 1010 00110 1 0111 10001 Result: Sign Exponent Ma... For the production function y = 3x, $+2\times2$ find a. The MPP of x2. c. The marginal rate of substitution of x, for x2. . The ordinary differential equation for a linear decay problem may be expressed as dy - X. y where A is a constant = 0.8. The initial condition of isotope y can be assumed to be equal to 5. Using t... Q3... Equation 1: Runs created per game) - 0.3(Runs allowed per game) Equation 3: Total revenue = \$7 + \$100(Wins) + \$60(Wins)Currently struggling on lecture problem 3 Problem 1 Problem 2 Problem 3 Problem 4 Problem 5. The value V of an investment in year t is given by V = ... Hello. I need help with this. 1. Let $Ro = \{r \in R \mid r > 0\}$ and $(0, 1) = \{r \in R \mid r > 0\}$ an points) Prove that f is injective. (b)... can you help me ?. Emily travels to London on her summer vacation She budgeted \$200.00 for local transportation for a 5-day trip. Expenses for the first two days \$19. 25 for an Uber from the airport t... Exercise 1. The Occupational Safety and Health Administration (OSHA) has recently an- nounced it will award an \$85,000 research grant to the company submitting the best proposal for using wireless com... The AT&T store offers you a contract for your new phone with the present value of \$300 with payments expected at the end of each month, for 24 months. The nominal annual interest rate is 3% com... n 2} {10 points} Find the values of x1 and x; that maximize flxhrxz] = 5 + ln(x1] + lnl'gcz] such that 2×12 + x22 5 3.×1 E D,audx2 E D. If we add more constraints to the above problem, how will that ... Please answer the following question in type written form. 2. Please answer the following question in type written form. are the warden of a minimum security prison part of your job is to oversee the educational programs in the prison and accurately record and report result of these programs of the last three months... Set up and solve a proportion for the following problem: A one year weekly magazine subscription costing \$218.92 may be cancelled at any time, and a prorated refund will be made for the remaining we... Functions; Mathematical Modeling using Functions (Please explain/give solution EACH question.) PART A. PART B Contentment is a function of . Hi! I need an answer in these question. I'm having trouble answering this. Hoping you could
help me out. Thank you General Math-Alegbra. For one day, you will be an investigator, if possible find you... (Extra Problem) (20 pts) Consider the function f(x, y, z) = x(1 - x) + y(1 - y) - z + yz defined for (x, y, z) E [-2, 2] x [-2, 2 ratio D Question 18 1 pts Consider a 20-year mortgage for \$187,548 at an annual interest rate of 4.2%%. After 7 years, the mortgage is refinanced to an annual interest rate of 2.2%. What are the monthly pay... If you are able to solve, can you please add explanation to your steps. Thanks in advance! Quick response needed. Exercise 3) For each of the following, construct the appropriate auxiliary problem ... As a hospitalist You care for cancer patients when they are hospitalized and many of these patients when they are hospitalized and many of the hospitalized and eigenvectors. 5. Consider the system x = Ax = X, that we discussed in lecture. We found that A has a double eigenvalue ... ~ 1 hour 0/19 QUESTION 15. 1 POINT Janice got a raise in her hourly pay, from \$9.75 to \$11.50. Find the percent change. Round to the nearest tenth of a percent. Provide your answer below: % FEEDBAC Solve 2 u O'u at 2 Ox2 -2(12 - a?) 11 Find the solution with the following condition: lim X'-700 u (x,t) = u(x no plagiarism. 4. (x, 16 pts) Calculate (a) 5280(mod 36). (b) 432(mod 11) 5. (x, 16 pts) Find an Euler circuit in the graph below. D B F D Fixed Points for Contraction Mappings. Let (X, d) be a compact metric space, and suppose that f: X -> X is a contraction mapping. This means, there exists a positive number A < 1 such that d(f(... Two cards are drawn with replacement from a 52-card deck. Fine the expected number of diamonds. help me, please. 8). Solve y' T #y = t with y(1) = 1. A fair quarter is flipped three times. For each of the following probabilities, use the formula for the binomial distribution and a calculator to compute the requested probability. Next, look up the p... Write two proofs, one by an indirect proof and another by a proof by contradiction, of the following rule of inference: $(p \land q) \lor \neg (q \land r)]$. Therefore neither a direct p... Suppose you have the following system of equations: 19 x 1 + 29 x 2 + 14 X] = 3094 10 x1 + 12 x2 + 10 X] = 2006 39 x1 + 22 x2 + 15 X] = 5037 Convert this system of equations in the matrix form and calcu... Alvin wants to know what his average paddling rate was for a canoe trip to a campsite. On the way there it took him 4 hours against a river current of 5 km/ hr. On the way back, the same distance took... please help!. Each of the numbers 5 - 15 is written on a sheet of paper. The eleven sheets of ced in a small wicker bas nd the probability that the number selected is even and greater than 8 For the t... help with data analysis of heat capacity of solid by method of mixture Find the Fourier transform of: (a' - x',]x] = a f(x) = 10, x > a Hence, deduce [3] sin x - X COS X dx 73 4 [3] Remember: If a function... Find the area of the region enclosed by the curves x=y 2 The number of direct ancestors that a person can have in each generation is an example of a real- life exponential function. Trace a common family line of direct ancestors as far back as you can and m... Sir, I am stuck on this question Sir, it's a humble request please step by step and double-check if I put even a single point wrong they consider wrong. (2 points) Find the maximum and minimum value... Let (S, P) be a probability space and X a non-negative random variable. Prove that P (X 2 0) < E(X) /a for all positive real numbers a. a teacher told the students four glasses regularly sells for \$377.99. If the markup is always 33% of the selling price, what is the cost of the sunglasses? For full marks your answer(s) sho... how are these answers equivalent to eachother. 3x - 1 2X In (3) (X - 1) X (3x - 1 2x 2 In (3) (X - 1) Linear Programming: Simplex Method (plz dont use excel for explonation). Deluxe River Cruises operates a fleet of river vessels. The fleet has two types of vessels: a type-A vessel has 60 deluxe cabin... Subject Name: Mathematica. Q.N.4 Find the length of the curve 3x = (yz + 2) / from y = 2 to y = 3 Let X, Y be sets and let f: X - Y be a function. For each y E Y, define F C X to be Fy def {x Ex : f(x) = y}. Define Pf C P(X) via Pf def {gy : yEY and Fy # 0}. (a) Prove that if y, y' E Y with y # y... = Quiz: Quiz: ... Question 7 of 10 This quiz: 10 point(s) possible < Submit This question: 1 point(s) possible Determine the volume and the surface area of the three-dimensional figure Use the x key... 28:31 0/5 QUESTION 3 . 1 POINT Ben pays \$689.32 every month for her \$150,000 mortgage. If this is a 30 year mortgage, how much interest will she pay over the 30 years of payments? Provide your answer ... given the mean is 45.5kg. calculate the value of n. Table 2 shows the masses of a group of students. Jadual 2 menunjukkan jisim sekumpulan murid. Mass (kg) Number of students, f Midpoint, x Jisim (kg... 7) (6 points) If A represents the whole, what are the values of B, C, and D? Explain your reasoning. A D C number 6 please help. t] 38 26 Find the determinant of the maln'x A = 2 27 12 Give your answer exactly or to at least three decimal 4 33 17 places. EB} Probability Extra Credit: Problem 7 (1 point) An instructor gives his class a set of 12 problems with the information that the next quiz will consist of a random selection of 6 of them. If a student h... The gym lock. A lock has a disk with 27 numbers written around its edge. The combination to the lock is made up of three numbers (such as 12-33-07 or 19-19-08). How many different possible combination... You work in a factory producing slabs of concrete for the Victoria Harbour development in Hongkong. The slabs are known to have normally distributed weights with a standard deviation of 10 kg, and the... Consider computing the quantity: y = 1/x - 1/x + 1, x > 0 For what values of x do you expect catastrophic cancellation? Please explain the case if x > > 0 and x << 0 Rewrite the expr... Complete each of the following: Show your work. a. 17 + (-3) + (4) + (-2) = b. 15 - 3 - (-5) + 2 = c. (-27)(54) = d. (113)(-2) = e. (-14)(-100) = f. -34/-2 = c. g. 322/-11 = 5. Evaluate e... Why should you find the common denominator when adding/subtracting fractions? Explain your thought process. Review problem for solving for a specific variable. The formula d = rt where d is total distance, r is rate of travel or speed, and t is time spent traveling can be adapted for travel by sound waves s... Please provide a proof for the following question - make sure to answer all parts. I will upvote!. Suppose four cards are laid out on a table in front of you. Each card has a letter on one side and a ... 8. Table below presents the frequency distribution?* Scores Frequency $41-50\ 2\ 31-40\ 5\ 21-30\ 12\ 11-20\ 1-10\ 0\dots$ The diameter of an undirected graph G = (V,E) is defined as maxu, v \in V {d(u, v)} where d() is the shortest distance between the vertices u, v. A pair that achieves the maximum distance is called a dia... Sea A = 11. 2. 3. 4. 51 YB = 10. 3. 61. Obten al A U B bl A n B e)A-B dIB-A What is the h and k of the quadratic function $f(x) = x^2 - 2x - 5$ Please provide Handwritten answer. Problem 1 (10 points): Derive a closed-form solution to the optimal-flow equation by minimizing the cost function For (d) => (Vy, (x)) d+w, (x) ... Given the following LP problem. Maximize P = 7x + 2yP = 7x +y≥0y≥0 How would I Graph the system of constraints. Which answer woul... Any help is appreciated! Quick response is needed. Exercise 1) Throughout this question, let A E Rmx and b E RM. In each part, you can use the results of the previous parts (even if you did not prov... Hello, in my case W=0 and Z=2. my length equal 4 and I figure 2 I found a AM-GM inequality : $(5x+2y+h)/3 > = \operatorname{sqrt3}(5x*2y*h)$ Thank you in advance. Let (a1,..., as be a cycle inside Sn. Find the eigenvalues and eigenspaces of A. 2. Find an inverse matrix P and a diagonal matrix D such that A=PDP-1. 3. ... Find the missing dimensions for A and B, then find the perimeter. Round your answer to the hundredths place if possible. A 1 cm. 5 cm. 6 cm. 2 cm. 24) 1 X10'cm/ms = m/s 25) If a sound wave traveled using the echo-ranging formula d=ct, where d... If you wanted to prepare a glucose solution from pure crystalline glucose mixed
with water at a ratio of 1:15, how many mg of crystalline glucose would you need to mix with450 ml of water? Marco is paid \$23 per hour. The regular workweek is 40 hours, and overtime is paid one-and-a-half of the regular rate. If Marco worked 46.5 hours last week, what were his gross earnings? round to the nearest. What's More Activity 1 Rounded to the nearest Number Thousands 1-2. 38 850 3-4. 42 098 5-6. 59 319 9-8 87 274 7 Consider the following model: y = 18.21 - (3.65)x for which R 2 = 0.876 and std error = 1.29 The value of the slope is Group of answer choices 8... Un rayo láser incide en el extremo de una placa de material, como se ve en la figura. El índice de refracción de la placa es 1.48. Determine whether the statement ~r - r is an implication. is the fly faster than your car, when it is flying inside your already moving car? Halla la suma de los siguientes ejercicios usando las respectivas formulas de suma de progresion aritmetica an = {7, 15, 23, 31, ...} b. L... x 0 IT / 6 JT / 3 IT / 2 21 / 3 5 1 / 6 0.00 0.50 0.87 1.00 0.87 0.50 0.00 Php 17,000 is invested for 5 years at 0.15% simple interest. How much is the future value? o Php 12,275.00 O Php it to his first son, he also gave + of the same to his daughter Rose. How much maire farm does Kaseb... Dominique ReAr Unit 2 Inin - Advanced Quantitative Reasoning min Quiz on Linear Functions If you are driving a 1967 Ford Mustang at 45 mph you will get 22 miles per gallon (mpg). If you drive it at 80... A country has a 7 digit phone number system of the form ABC-DEFG. The first digit, 'A', can be any number except 0, 1, or 2. The next 2 digits, 'B' and 'C', can be any number except 1. The las... Please provide working out for the solution... By completing the square, determine the nature of the quadratic form Q = x- -6ryty-: (a) positive definite (b) negative definite (c) indefinite + correct ... Problem 4 (9 points) Suppose C C R" is a convex set. Prove or disprove (eq. find a counter example) the following statement: f (as) is convex for all... Consider the data set {0,0.5,1,14,15}. a. Give two reasons that this data set could not be a sample from a Poisson distribution. b. As a function of x, how might you interpret (1/5) [1 x ≥ 0 ... For each of the following expressions, identify whether it is a tautology (always true), a contradiction (always false), or neither. Provide a truth table to show your work. $(6 + d) + (bud) = (1) \dots$ A retired engineer has \$300,000 to invest and is willing to spend five hours per week managing her investments. Municipal bonds earn 5% per year and require no management. Real estate investments are ... step by step. 25 3 Part A Which trig ratio would you use to solve for the missing angle measure? Tasa de interés. Una suma asciende a S/. 1435,77 en el tiempo dado, ¿cuál fue la t... Finding Molarity of Household Liquids (vinegar, ketchup, honey, etc.), beverages (fruit... proof by contradiction if x >= 10 show that x+5 >= 15 True or False: y' = 1/x + 1/y is an example of a Linear First Order ODE. * 1 point O True O False True or False: In a linear first order ODE, its integrating factor when 1 point multiplied to its stan... Dataset source: Problem Statement: The task is to forecast the total amount of products sold in every shop for the test 5. Consider the following two geometric Brownian motions dX(t) = uxX(t)dt + oxX(t)dW(t), dv(t) = mvY(t)dt + ovY(t)dW(t), where #x. Ox. My. Gy are positive constants, and W(t), t 2 0 is a Brownian ... 100 customers participated in a taste test survey for a new company that makes spaghetti sauce. The following results were recorded. 86 liked sauce A 89 liked sauce C 83 liked sauce C 83 liked sauce C 83 liked sauce. The following results were recorded. module discussion, you will take on the role of Susan, a high school principal. She is pl... Business Math: Give the Correct Answers and Show the Complete Solution.. To create a fund for his forthcoming business venture, Matthew decides to deposit P5,000 at the end of each month to his bank a... Suppose we have a room that has a perfectly square floor. If the length of the sides of the room are 13 feet, then what is the area of the floor of the room? Show the units in the work and in the answ... When calculating the cost of a good or service, you often have to consider price markups and discounts. Consider these two statements regarding a discounted item: The list price of the item is 80 perc... please help me solve this. Solve the exponential equation for x. 3-5x 2x +97 = 49 C = Exercise 1. For each variable in the following phrases, identify the universal set in which it is contained. For the statements with mathematical symbols, first rewrite them with fewer symbols. Then w... Imagine we have an algorithm for solving some decision problem. Suppose that the algorithm makes a decision at random and returns the correct answer with probability $1/2 + \delta$, for some $\delta > 0$, so j... QUESTION Elsa's math class has four categories making up her final grade. Homework (10%), quizzes (15%), projects (20%), and exams (55%) are the only four things she needs to focus on. She managed

the... [0/3 Points] DETAILS In the binomial probability distribution, let the number of trials be n = 4, and let the probability of success be p = 0.2689. Use a calculator to compute the following. LO USE SA... The company you work for has downsized and you have lost your job. You receive a severance package of \$65 000 and decide to invest it for retirement, earning an average of 7% per year. It has been sug... Partial differential equations. Find the steady-state solution to a homogeneous Neu ion on 0, /: ut(x, t) = 0, u(x, 0) = f(x). No Due Date Points 100 Submitting an external tool A bag contains three blue marbles numbered 1, 2, 3, and five red marbles numbered 1, 2, 3, 4, 5, as shown in the figure below. You draw a marble at r... need help with 9.57, second image is reference . 9.18. Prove that at each point. Since N is a function of unit length, ... A merchant receives an invoice for \$100,000 with terms 2/20, n/60. What is the highest simple interest rate at which he can afford to borrow money in order to take advantage of the discount? 2. ... "Nitapigana Kwa jino na ukucha kuulinda utu wangu" Eleza muktadha wa dondoo how to do it. 2. The coefficient of x is — in the expansion of 1+ - . Find the value of n where n # 0. S Hence, find the binomial expansion of (1+ in ascending power of x up to the fourth S -1 term. ... Good morning!! I need this Case study for tomorrow night ! I hope I can get help ! Thank you!! Scenario: Karen will be assisting with her first equine surgery. Winnie is a 7-year-old Clydesdale weighi... Subject Name: Mathematica. Evaluate the following integrals: SVx- + 10x + 25 dx. (cos4*x - sin4* x)dx dx 4) (10 points) Write a word problem for 17. (-10) = ?. Use the context of the word problem to explain why the answer will be negative. QUESTION 4 (a) Let A = 0 Use the power method to estimate the dominant eigenvalue and the corresponding eigenvector of A Start with the vector (1, 1, 1) and do two iterations (b) Let A be a 3 x 3 matr... numbers at three decimal places. 4. (10 points) A firm produces with two inputs, capital K and labor L. Its output is a Cobb Douglas function $f: R2 \rightarrow R?$, f(]) = [;] and (a) (6 points) Using the properties of linearity, find f([3]). You must show your work to get credit. (b) (6 points) Find the m... Show that when the family of curves are not geodesics, the deviation vector satisfies the equation D2 vk DT2 = u'Vi (u'Vivk) = RK bequo ucvd + viv; ak where ak = u'Vjuk is the acceleration. [5] Compute the effective annual interest rate for 4% compounded semi-annually. Select one: a. 4.04% b. 4.32% c. 10.40% d. 8.16% The cylinder below has a base with a diameter = 14 cm, height = 16 cm and π = 3.142 (calculate the curved surface of the cylinder A city has a population be after 12 years? Use the calculator provided and round your a... business mathematics. Question 25 (3 points) Lorne is considering working for Part-Time Painters. He would operate as an independent painter, but the jobs would be given to him by the company. In the ... Ahalf-turnisa180-degreerotation. Applythehalf-turncenteredat(3,2)tothepoint (7, 1). Find coordinates of the image point. Find coordinates for the image of (x, y). A student measures the shadow from a one metre stick and notices it is 2.2 m. The student then measures the shadow of a nearby tree and finds out that it is 26.4 m. How tall was the tree? (Show dia... Kyle and Joseph are standing on level ground on opposite sides of a tree. Kyle measures the shadow of a nearby tree and finds out that it is 26.4 m. How tall was the tree? (Show dia... Kyle and Joseph are standing on level ground on opposite sides of a tree. Kyle measures the shadow of a nearby tree and finds out that it is 26.4 m. How tall was the tree? (Show dia... Kyle and Joseph are standing on level ground on opposite sides of a tree. Kyle measures the shadow of a nearby tree and finds out that it is 26.4 m. How tall was the tree? measures an angle of elevation of 30 0. Kyle and Joseph ... Let X be a random variable with the following probability density function. ?(?)=34(1-?2), -1<?<1 and ?(?)=0 otherwise. Give the integrals for the following probability density function. ?(?)=34(1-?2), -1<?<1 and ?(?)=0 otherwise. Number eading Coefficient: Number Environmental scientists often try to estimate populations of plant or animal species and understand to what extent they can be used as resources by humans without being depleted. For instance, popula... please answer. Question 37 (4 points) Calculate the reactions at each support to achieve equilibrium of the beam. (Clearly show the calculations) 100 N 50 N Support 1 m 3 m 2 m Paragraph BIU... Please provide Handwritten answer. tion 7 Let Hj, H2 be Hilbert spaces and T: H, - H, be a bounded linear operator. If M, = N(T), M2 C H, such that T(M,) C M2, then(T(H,))+ c N(T'). ered ed out of S... We model the interaction of the number of rabbits, RR, in thousands, and sheep, S, in hundreds, in a region by the equations R'=5R-R^2-SR S'=8S-S^2-2SR a.) What are the equilibrium points? Note: R ... Sister weekend had 400 skittles and 5 sisters. Find the number of skittles per capita. Provide your answer below: Pls help solve this .It's kinda hard for me. Area = 63cm 2 Find a 2x + 8 Use the metric system unit of measurement that makes the most sense to you. Show your work. 1. Add: 3.45g, 0.06kg, 0.67g, 690mg, 2dg 2. Add: 5.2 L, 5,300mL,... grade 9 and triangle inequality theorem topic. Find the value of x and list the sides of AABC in order from shortest to longest if the angles have the indicated measures. 6-8. mZA = (9x - 29), m... please help with 2b. 2. Suppose y(s) is a unit speed curve in 3-space is said to rectify (or straighten) the curve y when y lies on S and is a geodesic on S. For instance a c... El ingreso marginal de una empresa está dado por Determinar la función ingreso Encuentre la relación demanda para el producto de la empresa. R' = 15 1x Sir i am stuck for this question i need even single step explanation its an humble request. Module 3.5 The goal of this problem is to demonstrate that implicit differentiation agrees with sta... D Question 8 1 pts Jeremy and Bill each have \$95,459 to invest in a retirement account whose annual rate is 2.8% with monthly compounding. Jeremy invests his money all at once, whereas Bill decides to... When Ms. Shreveort randomly selects a student in her class, she has 1/3 probability of selecting a boy. a. If her class has 36 students, how many boys are in Ms. Shreve's class? create a dynamical system where all of the following conditions are met: 1. there are two x nullclines: x=1 & y=2. two y nullclines: y=1, x=2, (3). at the origin (0,0) dx/dt and dy/dt are positi... Use the distributive property to make it easy for you to calculate 30% of 240 mentally. Then use the associative property to make it easy for you to calculate 30% of 240 mentally. the primary trigonometric ratios for 20 to three decimal places. 8.5 4.0 2 Use trigonometric ratios and the Pythagorean Theorem to solve the triang... Question 3: Describe the subdifferential of the function g: R3 - R defined as $g(x) = |-x1+2\times 2 - x3|$. Compute the following integral. ex'/kx?[H(x - 2t) - H(x - 4t-1/2)]drdy (1) DO m m Where H is the Heaviside step function, defined as: H(a) = 0 if a <0 H(a) = 1 ifa >0 Please answer the question attached.) es as needed.) es following statement makes sense (or is clearly true) or does not make sense (or is clearly false). Explain your reasoning. If all novels are books, then all books ... Assignment Two Submission Your company has been awarded the contract to install fibre optic cable from Huntsville, Ontario to Thunder Bay, Ontario. The fibre optic cable will be installed parallel to ... Question 3: Consider the following problem min f(x) subject to x 2 0, (1) where f: R3 - R is defined as follows: $f(x) = max((x1)2 + (x2 - 1)2 + (x3)2, (x1 - 1)2 + (x2 - x1)2 + 2, -x1 + 3 \times 2 + x3 - 1)$. Solv... hope you can help me with this question. Self Mastery 1.5/ 400 mil RMG.40 RM14.25 RM21.60 Anis goes to a grocery store to buy her favourite brand of orange juice. She finds that the orange juice is so... Please Answer ASAP (even if it is with educated guess) thank you Recall that the n -hypercube Q n is the simple graph whose set of vertices is the set of all binary sequences of length n, and... Given three functions f, g, and h, define (f o g o h)(x) = fig(h(x))]. Find (fog o h)(1) is g(x) = and h(x) = x+24. Let (Sn) be the sequence defined by Sn = VAn2 - n - 2n Prove that (Sn) converges based on E-N definition. (20 points) The profile below shows the preferences of voters in an election with 4 candidates (A, B, C, and D). Number of voters Preference 17 D > C > B > A 15 B > A > C > D 11 C > ... Consider the relationship 7r + 6t = 21. a. Write the relationship as a function r = f(t). Enter the exact answer. f(t) = b. Evaluate f(-7). f(-7) = c. Solve f(t) = 39. t = M Using a math drawing, explain why dividing both the numerator and denominator of by 2 produces the same number (an equivalent fraction). Discuss how to see division by 2 in both the numerator and ... Maria has saved \$ 970 at a bank. She wants to accumulate \$ 1 comma 250 to attend computer camp. What percent of her goal has been reached? Im struggling with this... simple is easier. I think I'm overthinking this. You plan to purchase a If you buy items costing \$900 and finance the cost with a fixed installment loan at 5% simpler intere... O Given h(x) =2-3x and g(@) = 3, find h-1(x), gl(x), (gah) '(x) and (h-leg-1)(#). What can you conclude? My E, F, G, H is 5, 2, 4, 5. MHF4U 1- ASSIGNM ENT AZ Page 1 Of [5 DATE: FIRST NAME: LAST NAME: ss: _____ a = .f = .g = .-'1 NOTES 1. Complete the header of this document... Use similar triangles and a proportion to find the length of the lake shown here. (Hint: the side 100 m long in the smaller triangle corresponds to the full side that is 100 m + 120 m in the
larger tr... Condition 13 is listed below. 11. Consider the quadratic program $6x_r + 3 \times 2 + 2 \times 3 = 6$, $x \ge 20 \times 1 + (x \ge -2)^2 + (x \ge$ following table. 1 2 3 4 40 Identify whether the function is linear or exponential, and identify the equation Compare and contrast the function in (a) with g(x) = 6 - x (How are they simi... A bus sets off from stop A and accelerates uniformly for 1'1 seconds covering 300 In. It then travels at a constant speed 12 for 3'2 seconds covering another 1250 m. It decelerates for 2'3 secon... (a) A teenager with a mass of 55 kg is cross-country skiing when she falls and slides on the ground. The coefficient of kinetic friction between her and the ground is 0.16. Calculate the force of ... Describe fully using proper Mathematical terminology, the transformations of y = cos x to y = 2cos- 4 x + +3. Include the period and equation of axis in your explanation. Define a function on the unit square $[0, 1] \times [0, 1]$ by 1. Show that $\int 10 [\int 10 f(x, y) dy] dx$ exists and find its value. 2. Show that $\int 10 [\int 10 f(x, y) dy] dx$ exists and find its value. 2. Show that $\int 10 [\int 10 f(x, y) dy] dx$ exists and find its value. 2. Show that $\int 10 [\int 10 f(x, y) dy] dx$ exists and find its value. 2. Show that $\int 10 [\int 10 f(x, y) dy] dx$ exists and find its value. 2. Show that $\int 10 [\int 10 f(x, y) dy] dx$ exists and find its value. 2. Show that $\int 10 [\int 10 f(x, y) dy] dx$ exists and find its value. 2. Show that $\int 10 [\int 10 f(x, y) dy] dx$ exists and find its value. 2. Show that $\int 10 [\int 10 f(x, y) dy] dx$ exists and find its value. 2. Show that $\int 10 [\int 10 f(x, y) dy] dx$ exists and find its value. 2. Show that $\int 10 [\int 10 f(x, y) dy] dx$ exists and find its value. 2. Show that $\int 10 [\int 10 f(x, y) dy] dx$ exists and find its value. 2. Show that $\int 10 [\int 10 f(x, y) dy] dx$ exists and find its value. 2. Show that $\int 10 [\int 10 f(x, y) dy] dx$ exists and find its value. 2. Show that $\int 10 [\int 10 f(x, y) dy] dx$ exists and find its value. 2. Show that $\int 10 [\int 10 f(x, y) dy] dx$ exists and find its value. 2. Show that $\int 10 [\int 10 f(x, y) dy] dx$ exists and find its value. 2. Show that $\int 10 [\int 10 f(x, y) dy] dx$ exists and find its value. 3. Show that $\int 10 [\int 10 f(x, y) dy] dx$ exists and find its value. 3. Show that $\int 10 [\int 10 f(x, y) dy] dx$ exists and find its value. 3. Show that $\int 10 [\int 10 f(x, y) dy] dx$ exists and find its value. 3. Show that $\int 10 [\int 10 f(x, y) dy] dx$ exists and find its value. 3. Show that $\int 10 [\int 10 f(x, y) dy] dx$ exists and find its value. 3. Show that $\int 10 [\int 10 f(x, y) dy] dx$ exists and $\int 10 [\int 10 f(x, y) dy] dx$ exists and $\int 10 [\int 10 f(x, y) dy] dx$ exists and $\int 10 [\int 10 f(x, y) dy] dx$. marks) 3 4 1 0 -5 2 (b) Let B be an invertible 3 x 3 matrix... A manufacturer of digital projectors must ship a total of at least 1000 projectors to its two central warehouses. Each warehouse already h... As an Applied Econometrics student, you were interested in and wanted to explain the fact that many people had quite different wages. After doing some literature review, you proposed the following pop... Sir i am stuck for this question . 3) [16 Points Total] Evaluate the ... Points TOO submitting an external tool Question Suppose X ~ N(18, 2), and x - 22. Find and interpret the z-score of the standardized normal random variable. Provide your answer below: The z-score when... Question 2: Given the vectors r and yl, ..., y" in R". Our objective is to check whether re convly , ..., y" }. Formulate an appropriate convex optimization problem and its dual problem... The winter occupancy rate in a 600-room hotel was 52%, calculate how many rooms are occupied in the summer, if the summer occupancy rate is 13% higher than in winter Find the 10th term of an arithmetic sequence 1, -2, 4, ... with first term of 5, and common difference of 3. Find the 8" term. 15. Find the sum of the first 2... hello can you please answer the following question 12, reference Maths A-level (year 13) AQA. THANKS. 12 The area under the graph of y = (x+ 1)e2 between the coordinate axes and the line x = 2 is to b... COPY FROM CHEGG OR OTHER WEBSITES AND I WILL REJECT AND REPORT YOU. ANSWER ALL QUESTIONS 1) A dms program variables and a bubble graph shows the relationship betwee... 13. Tina's application for graduate school was ranked 15 out of 300 applications. a. Which sister had the h... Need help with step by step solution. Math 121 6. shows the relationship between (15 pts) Given A =110011 B =111011 C =101010 Find (a) A + B + C (b) AB to buy shorts (s) and t-shirts(t) and has less than P1000 to spend. A pair of shorts is P200 and a t-shirt costs P100. a. What are the given? c. Graph b. Write the mathematical statement. d... Please show all work!. Let X be a set and A, B C X. Define def A-BAn(X - B). Prove the following: (a) A - A=0. (b) A - A=0. (b) A - A=0. (c) A - A=0. en = y(Xn) - Un be the global error of the implicit method Un+1 = Un + ph(f(Xn, Un) + f(In+1, yn+1)) (where h = En+1 - In) for the numerical solution of [y'(x) = f... Kindly correct the answer with explanation. [3] i) For each integer a there is an integ... How do i solve this?. Write an equation of the line is y = (6, -9); 2x + 9y = 4.... The equation of the line is y = (8, -9); 2x + 9y = 4.... The equation of the line is y = (8, -9); 2x + 9y = 4.... The equation of the line is y = (8, -9); 2x + 9y = 4.... The equation of the line is y = (8, -9); 2x + 9y = 4.... The equation of the line is y = (8, -9); 2x + 9y = 4.... The equation of the line is y = (8, -9); 2x + 9y = 4.... The equation of the line is y = (8, -9); 2x + 9y = 4.... The equation of the line is y = (8, -9); 2x + 9y = 4.... The equation of the line is y = (8, -9); 2x + 9y = 4.... The equation of the line is y = (8, -9); 2x + 9y = 4.... +4 (get + 3) (5×5 + 7x Find f' (x) if f(ac) = Vac + 3 f' (2) = A small country with a population of 6,000,000 consists of four states. The population of each... (12 marks) Prove or disprove each of the following statements. (a) For all sets A and B, 73(A) >< 77(B) = 73(A X B). (b) For all non-empty sets A, B and C, if A x B = A X C, then B = C. (c)... identify whether the sequence is an arithmetic sequence is an arithmetic sequence both or neither Sir i am stuck for this question. Question 1: [5 marks total | (a) State the definition of derivative (I mark) (b) Use the definition of derivative to show that $(\cos x)' = \sin x$ Hint: $\cos(x + y) = \dots$ At Lawn King (LK), the managers are attempting to make decisions concerning production and inventory control. Their policies must take into account the fact that they want to keep finished goods inve... Write the dual for the following primal proble m. min f = 3 x 1 + 9 x 2 + 4 x 3 x 1 + 2 x 2 + 3 x 3 = 180 2 x 1 - 3 x 2 + 3 x 3 = 180 2 x 1 + 3 x 2 + 3 x 3 = 180 2 x 1 + 3 x 2 + 3 x x3 <= 60 5 x1 + 3 x2 >= 240 x1, x2 >= 0, x3 unrestricted. Maths. Question 6 [6 points] The rate of markup on cost on a product to the retailer? For full marks your answer(s) should be rounded to t... Problem 3 Explain the concept of production based on the 6 Sigma principle. Do some simple calculations to illustrate that the probability of discarding the product is very low. Compare with the resul... Help wanted with problem. Frequency M 42A. Us '30 E: I 5" .33 I? 25 3f 3? data {1 Based on the histogram above, what is the class width? What is the sample size? Question 6 (1 point) Saved) Listen Julia usually volunteers 15 hours a week including five hours on the weekend. What fraction of her volunteer time occurs on the weekend? Reduce the fraction to its ... Problem 1. Evaluate x sin x $1 = (x^2 + 1)^2$ If you want to use Jordan's Lemma, justify ... iment Remaining Time: 153 Select the camect loops to simplify the given function in POS (jproduct of sums] form: Noter lo select both sec... Check my wor Calculate Social Security taxes, and FIT for Jordon Barrett. He earns a monthly salary of \$11,000. He is single and claims 1 deduction. Before this payroll, Barrett's cumu... Check the competencies appropriate for the given test format/method Please explain solution. . Given that
f(x, y) = r' - 2ry + 2y' + 2x - 1 is a convex function, find its minimal value subject to r + y = 2 by using the method of Lagrange multipliers. (a) -3 (b) -1 (c) 2... Dada la function (s, t) = - st2 - 4s t, la derivada parcial de segundo orden con respecto a s corresponde a Answer questions A, B, and C. Advice from most financial advisers states to spend no more than 36% of one's gross monthly income for one's mortgage payment, and to spend no more than 36% of one's gross monthly income for on snowfall in Toronto over a period of 10 years. Assume that the data points are correct. Examine the graph and answer t... Sir i am stuck for this question . 1. [-/1 Points] DETAILS JMODD8 1.4.014. Exp... Determine the volume of the next number. 4, 10, 16, 22, 2. [-/2 Points] DETAILS JMODD8 1.4.014. Exp... Determine the volume of the start is most likely to be the next number. 4, 10, 16, 22, 2. [-/2 Points] DETAILS JMODD8 1.4.014. Exp... Determine the volume of the volume of the start is most likely to be the next number. 4, 10, 16, 22, 2. [-/2 Points] DETAILS JMODD8 1.4.014. Exp... Determine the volume of the v rectangular box for packaging 3 squash balls using the following formula volume of a rectangular box= length × width × height ASAP. Show that it is not possible surface area. Hint: Follow the normal optimization proced... Your answers are saved automatically. Remaining Time: 59 minutes, 53 seconds. Question Completion Status: Close Window Moving to the next question f (x) = 2.2. Estimate using differentials: VEIN - (8.83) Please provide Handwritten answer. 5. [10] An LCD display screen consists of tiny dots, called pixels. However, some screens may contain defective (dead) pixels, and it is known that dead pixels occur... A random sample of 250 Sydney residents are as shown in Table 1 below. Table 1.... Currently struggling with a lecture problem, we are currently using R programming, would love if you explained thoroughly. . Problem 1: This problem is about the maltinomial distribution. The mult... pls help 2 questions. 0/1 pt 9 2 Let's pretend that our current system of money was strictly Base Ten, so that the only currency that we used were pennies, dimes, one dollar bills, ten dollar bills, ten dollar bills, h... Please use the fractional exponent method since alpha is between 0 and 1. What's the answer?. Percentage of Youths Employed on A) fluctuates more than the percentage enr... years followed by contributions of \$750 at the end of every month for the next four years? Assume that money is worth 4.2% compounded monthly. 11. An RESP fund, for a 12-year period, earned 3.75% comp... hi I'm 13 and this question has been driving me insane pls help. A monkey has 100 bananas. Each day, he keeps a percentage of his bananas, gives the rest away, then eats 1. At the end of the fourth da... Question 20 (1 point) Given f(x)=2x-3, evaluate f-1(0) Choose the best available... Please help with the following. Thank you.. Concerning the set of three-digit integers (numbers between 100 and 999 inclusive): How many are divisible by 4 or 5?. Concerning the set of binary strings ... A certain 401(k) was funded with \$500 semi-annual contributions. It grew for 40 years. How much would be present in the account assuming an APR of 3%. FV= PMT[(1+r/c)^ct-1]/r/c . Find a vector that gives the direction in which the given function increases most rapidly at the indicated point. $F(x, y, z) = x^2 + 9 \times 2 + 3y^{22}$; (1, 2, -1) Find the maximum rate. Q For any two sets A and B, if A \cup B = A, then B \subset A true or false? Provide detailed information about your problem and what steps you loon Question 17 If the probability a person has blue eyes is 0.08, the odds of not having blue eyes is Remember to simplify. Previou... 2.6. Find the areas of the given surfaces using parametric coordinates. (a) Using the parameterization x = u coso, y = u sind, z = u cot?, find the sloping surface area of a right circular cone of se... A committee of two is selected from a group of 4 people, R, S, T, U. a) give the sample space b) give the sample sp the event "R is on the committee" 2. A coin is flipped three times, and the number of heads is ... Please provide clear and neat complete solution from part a) for t = 0, 1, 2, 3 on the same x-axis. Please explain why is thi... i need applied maths solution book (frank s budnick) 2+4+6+998+3*+6+3+5+/8+91+355+215/*2-999651+5454565-2/6699+24+7 = MC 11. 11. If the function f(x) = (x + 4)(x - 2)(x - 3) is transformed in to g(x) - -f(2x), then the x-intercepts of the graph of g(x) are: a) -2, 1 and NIW b) 2, -1 and 2 c) -8, 4 and 6 d) 8 4 and -6 please help assignment 3 question 8. Given the following 10-digit mini-IEEE to the graph of g(x) are: a) -2, 1 and NIW b) 2, -1 and 2 c) -8, 4 and 6 d) 8 4 and -6 please help assignment 3 question 8. Given the following 10-digit mini-IEEE to the graph of g(x) are: a) -2, 1 and NIW b) 2, -1 and 2 c) -8, 4 and 6 d) 8 4 and -6 please help assignment 3 question 8. Given the following 10-digit mini-IEEE to the graph of g(x) are: a) -2, 1 and NIW b) 2, -1 and 2 c) -8, 4 and 6 d) 8 4 and -6 please help assignment 3 question 8. Given the following 10-digit mini-IEEE to the graph of g(x) are: a) -2, 1 and NIW b) 2, -1 and 2 c) -8, 4 and 6 d) 8 4 and -6 please help assignment 3 question 8. Given the following 10-digit mini-IEEE to the graph of g(x) are: a) -2, 1 and NIW b) 2, -1 and 2 c) -8, 4 and 6 d) 8 4 and -6 please help assignment 3 question 8. Given the following 10-digit mini-IEEE to the graph of g(x) are: a) -2, 1 and NIW b) 2, -1 and 2 c) -8, 4 and 6 d) 8 4 and -6 please help assignment 3 question 8. Given the following 10-digit mini-IEEE to the graph of g(x) are: a) -2, 1 and 2 c) -8, 4 and 6 d) 8 4 and -6 please help assignment 3 question 8. Given the following 10-digit mini-IEEE to the graph of g(x) are: a) -2, 1 and 2 c) -8, 4 and 6 d) 8 4 and -6 please help assignment 3 question 8. Given the following 10-digit mini-IEEE to the graph of g(x) are: a) -2, 1 and 2 c) -8, 4 and 6 d) 8 4 and -6 please help assignment 3 question 8. Given the following 10-digit mini-IEEE to the graph of g(x) are: a) -2, 1 and 2 c) -8, 4 and 6 d) 8 4 and -6 please help assignment 3 question 8. Given the following 10-digit mini-IEEE to the graph of g(x) are: a) -2, 1 and 2 c) -8, 4 and 6 d) -8 4 and -6 please help assignment 3 question 8. Given the graph of g(x) are: a) floating point representation 0 1001 11100. What is the corresponding decimal value? (enter "-infinity", "... Construct the Frequency and Percentage Distribution Table of JM Super Small has 1546 employees in which 12 are contractual, 620 are probationary, and the rest are regular employees 15) You would like to buy a condominium worth \$250 000 26.6 26... please help me answer this. Find the Differential Equation of the given family of curves described: 1. Straight lines through fixed point (h,k); h and k not to be eliminated 2. Straight lines through fixed point (h,k); h and k not to be eliminated 2. Straight lines with slo... MA2001 Homework Assignment 2 7. Let u1 = (1, 4, 2), u2 = (0, 3, 1), u3 = (1, 1, 1), u4 = (1, 3, -3) represent four points in the xyz-space, and S = {ul, u2, u3, us}. (i) [3 marks] Show that we cannot ... Play the Four Dice Roller in the Games Fair. . Explain how a tree diagram could be used to explain how a tree diagram could be used to explain how a tree diagram could be used to explain how a tree diagram could be used to explain how a tree diagram could be used to explain how many total possible ways, n(S), there are to roll four dice. 12 Using the slot method and mult... (iv, 16 pts) What does it mean for an algorithm to be invertible? Why do we insist that an encryption algorithm is invertible for use in cryptography? 3. (ink, 22 pts) Read the WIREDTM article on t... An article from October 3, 2007 in The Washington Post about how paper and plastic bags impact the environment, stated that: "Worldwide, an estimated 4 billion plastic bags end up as litter each year.... Michael Wittry has been investing in his Roth IRA retirement account for 18 years. Two years ago, his account was worth \$215,685. After losing 1/3 of its ... The first three questions are based on the following case An ad campaign for a new snack chip will be conducted in a limited geographical area and can use TV time, radio time, and Internet ads. Inform... . f" 9:37 t3}: 'é': 73% 6 Chapter 2 — GEC 4... E side).-Unknowns are represented by letters blien in lower case, called literal variables. 2x+1=y-1 Translating Verbal Sentences into Mathem... We consider an infectious disease for which individuals who recovered from the disease are not immune and can instead be infected again (they are, in other words, susceptible). Create a model that cap... Please see attached and show complete explanation so I can understand how to calculate properly. 2. Miles is considering buying a new pickup truck for his lawn service firm. The economy in town seems ... ayuda plis. Ejercicios 33) Usando el algoritmi de Euclides calcule los siguientes maximos comunes divisores: I. mcd(2947, 3997). II. mcd(329, 1005). III. mcd(1302, 1224). IV. mcd(7469, 2464). v. mcd(2... (10 pts) Use pseudocode to describe an algorithm for finding the smallest integer in a finite sequence of integers. Call it procedure smallest(a1, a2, ..., an: integers). please help with a, b, c, d!!! I am trying to understand it. The solution that part a refers to is attached as well.. 33. Constant Coefficient First-Order Difference Equations When discussing a popula... construct four self-similar fractals with different orders of ramification in the plane (you can attempt this by hand or with a python script. please provide the script if you do so). For each fractal... In this discussion forum, you are going to research a real-world application of statistics. In this application be sure to include one of the central tendencies such as mean, median, mode, or range.
B., Please provide a counterexample for the following proposition: All Cauchy seguences in O with respect to |. | p converge. ***Som... Use RPM to multiply 19 (28) 2. Write 174 as a sum of powers of 23. Is 25,857 divisible by 9? 4. Calculate: 5. Find absolute and relative error in writing 6. Give the GCD of 45 & 105 a) ... Consider the equation Ut = 4(Urr + -Ur), 0 < r < 1, t > 0, with the boundary condition u(1, t) = 0, t > 0, and the initial condition u(r, 0) = 2, 0 < r < 1. The solution is u(r, 0) = 2. t) = amJo... We consider the following initial value problem i = tax - sin I (1) = 2. For [2 bonus points] apply one step of the Taylor series method of order 2 to this initial value problem with a stepsize h = ... To help pay for new costumes for a play, a theater invests \$1600 in a 30-month CD paying 3 2% interest compounded monthly Determine the amount the theater will receive when it cashes in the CD after 3... please help me solve this. The product of 100 whole numbers? The actual effort exerted by the government to affect the exaction of what is due from the taxpayer is known as; The Apollo program (not the lunar missions with astronauts) being conducted at the Apache Point Observatory uses a 3.5-m telescope to direct lasers at retro-reflectors left on the Moon by the Apollo a... The Egro Company manufactures and sells a garden table. It pays \$4,030 per month for rent and utilities, and \$2,370 per month for management salaries. The variable costs are \$52 per uni... Using MODI transportation method determine the minimum cost of transport and the final distributions. THE COST OF TRANSPORT: CII=30 C12=30 C21=30 C21 rough sketch of the graph of y=(x2+1)(2×4-3) by means of the Leading Coefficient Test. How will you explain the ... Parents believe that their children are equally away throughout the week. Suppose a random sample o... APPLICATION 7. A pilot is find out which days of the week their children are equally away throughout the week their children are away in a 5 day school week. flying from Thunder Bay to Dryden (a distance of 320 km). As the plane leaves Thunder Bay, it flies 20" off course for 80 km. a) Draw a labeled diagram of the scenario. ... [-/1 Points] DETAILS CRAUDQL3 4.3.019A. MY NOTES ASK YOUR TEACHER PRACTICE ANOTHER You plan to work for 40 years and then retire using a 25-year annuity. You want to arrange a retirement income of ... Solution. Let p := X/u. For the M/M/2/2 system, the blocking probability is b1 := p2/2 1 + p + p2/2, the throughput: A(1 - b1), and the average delay of admitted jobs: W1 = 1/M. For the M/M/1/2 system ... Find the solution to the following linear, homogeneous recurrence with constant coefficients: an = -3an 1 - 16an 2 -48an 3 for n > 3 with initial conditions ag = -6, a1 = 12, a2 = -4. The solution ... Use Burnside's Theorem to determine how many ways can one color the edges of a square using three colors, up to symmetry. Suppose ot * 0 and d Xt = (rtxt + Ment) dt + mtot dBt. Also suppose po = 1 and d pt = Pt(At dt + Ct dBt). It is known that ptXt is a martingale for any Tit. (a) Express At and Ct in terms of rt, M... Please provide all details and explain your answer. Is the set $Q = \{j \text{ such that } |W_j| > i \}$ an r.e. set? Is it recursive? Prove both. Please provide Handwritten answer. Is the set $Q = \{j \text{ such that } |W_j| > i \}$ an r.e. set? Is it recursive? Prove both. Please provide Handwritten answer. Solve the Bessel ODE 4 dt 2 + p-0.1. q=0, 7(0)=1, dy dt (0) = - Tasks: 1. Transform the original ODE into Bessel equation 2. Derive the general solution by hand. 3.... Meyerhoff, Miriam. Introducing Sociolinguistics, Taylor & Francis Group, 2018. ProQuest Ebook Central, . Created f... help i need so much help with home work currently in 11th grade need answers immediately. 10. What is the compression ratio of a gasoline engine whose expanded cylinder volume is 225. in' and whose compressed volume is 18 in'? (Round to one decimal place) 11. The p... Consider the system given in polar coordinates by dr dt r(3-12) (74 - 1r2 + 1) de = 3 (a) Find all the periodic orbits. Give expressions for the corresponding periodic solutions in Cartesian coordina... KINDLY COPY AND PASTE THIS LINK TO THE URL, THIS IS A GATHERED INFORMATION SHEET AS REFERANCE OF YOUR ANSWERS: file:///C:/Users/Administrator.SC-202011061535/Downloads/Sample-Phase-2-1.pdf. Aside from... The Situation It is time to negotiate a new contract with some of Lightning Wholesale's unionized employees. The company believes in dealing fairly with its employees. Based on the current economic en... Pls kindly show workings clearly. 3. Determine whether the sine, cosine, and tangent of the angle 950 is positive or negative. Explain how you know. (4 marks) 4. A carpenter is building a bookshelf a... Hoy deposito \$2.500.000 en una cuenta que reconoce el 22%. ¿ cuanto dinero tendre dentro de 2 años? Solve the given initial value problems. 2 1 cos(x2) (a) y y(V7) = 0 T U (b) x' y" - 3xy' + 4y=0, y(1) = 1, x' = what is Nx - 137 8) When fix = -3, what is ... Sir i am stuck for this question . (2 points) Sometimes and I wonder if I can get help with these questions. Use this table for problems 7 - 9 2 T - 5 - 3 - 1 13 5 7) When fix = -3, what is ... Sir i am stuck for this question . (2 points) Sometimes and I wonder if I can get help with these questions. DGL can also be changed by substitution in such a way that it can be solved by separating the variables. 1. Consider the DGLy' = f(at + By + ... The sample of size n is taken from the normally distributed above.Calculate for the price elasticity. Show the solution how did u get it. 2. Determine whether sushi is elastic, inelastic, unitary. Explain why. 3. Make a table. Problem Sissy loves to eat ... Using the scale below, enter the numbers as required 1 "Equal" 2 Between Equal and Moderately Better or More Important 3 "Moderately Better or More ... it's about exponential growth and decay. In 1990, the population of Washington DC was about 604000 people. Since then, the population has decreased about 1.8% each year. Suppose this trend continues. ... 19(a), thank you!. 19. In the figure, H and M are the orthocentre and the circumcentre of ABC respectively. AHEF, BMH and CHD are straight lines. BG and CG are the tangents to the circle at B and C re... please provide clear and neat solutions. (a) u(x, 0) = sin(x) (b) u(0,y) = y (c) u(x, -x... [0.25/1 Points] DETAIL In this problem, we explore the effect on the standard deviation of adding the same constant to each data set. 6, 10, 4, 12, 6 (... Graph the functions. c. Find the Fourier transform (not the series) for the function represented in b. d.... (20 Points) A time series rt is said to be linear if it can be written as rt = u + viat-i, i=0 where u is the mean of rt, vo = 1, and {at} is a sequence of i.i.d random variables with mean zero an... Answer questions A and B. a. Use the appropriate formula to find the value of the annuity. b. Find the interest. Periodic Deposit Rate Time \$30 at the end of each month 4% compounded monthly 15 month 4% compounded month 4% compounded monthly 15 month 4% compounded month 4% years ... Make a tree diagram to show all the possible sequences of answers for four multiple-choice questions, each with four possible responses. Assuming that you are quessing the answers so that all outcomes... From the number theory, thank you. Problem.. (1) Find all primitive roots modulo 9. (2) Find all integers modulo 9 having order 3. (3) Find all primitive roots modulo 18. Please provide Handwritten answer. Prove that if G is a connected graph, then for any A E N. P(G, X) < X(X - 1) "(G)-1 Show that the converse is not true. Answer 6 questions below. All answers are integers and will be used in Part 2. (1) How many rectangles are in the figure below? (1 point) (2) A test data set of a recommendation model consists of 5,00... pls answer this. Activity 1. Is mathematics discovered or invented? Explain. 2. Look around you. Find at least five figures in nature and identify the pattern/s that it possesses. Exercises: A. Find t... 2 Points] DETAILS BBUNDERSTAT12 4.2.027.MI. In his book Chances: Risk and Odds in Everyday Life, James Burke states that there is a 72% chance a polygraph test (lie detector test) will help you" in symbols. Your escalator rate GIC has annually compounded interest rates of 1.15%, 3.2%, 4.7%, and 6.6% in subsequent years. On a \$15,140 investment, calculate the following: a. The amount of interes... In this problem we consider polynomial interpolation on the interval $0 \le x \le 1$. Imagine we are given n + 1 y-values, $y_1, y_2, y_3 \cdots$, $y_n + 1$, and that the corresponding x-values are equally spaced on ... To obtain a formulation more robust to outliers, it may be desirable to change the objective to penalize the absolute value of the square differences y; - r;, instead of the square differences y; - r;, instead of the square differences of the square differences of the square difference. The modifie... please help me. 2.3 The picture alongside shows a 3- dimensional view of a cylindrical container that could be used for Height packaging 3 squash balls. (Note: the cylindrical box will need to have a ... Question 11 (1) point) Anna's monthly expenses on food, transportation, and rent are in the ratio of 4 : 3 : 9. If she spends \$300 on food, how much does she spend on rent? \$225 \$689 \$675 \$900 \$725.63 please help. 5- (a) Let {Xn} be a sequence of rv's with Xn ~ Bin(n, m) with a constant m > 0. Show that {Xx} converges (D)to Z with Z ~ Poiss(m). That is, the sequence of binomial random variables... Please help with this applied math question. In this MATH336 assignment problem, let c, de R". Consider the LP (P) max s.t. d'a < 100 Describe the conditions on c under which (P) would have an... X Meet - ycz-gphi-kwb X Assignment 2 O < > C A classroom.google.com/c/MzkyNTU10DkyNDMO/a/NDE4NTKOODk1NzA3/details A 1 . Solve the following
system of nonlinear equations for x, y, and z. x2 + y+... Find the maximum rate of climb given: Weight: 3200 pounds Pressure altitude: 4000 feet Temperature: 30C I wanna know to calculate that? Please help with the solution to this problem The previous questions now attached for reference. I only need help with questions 4 and 5. ... We assume that the field at Nuremberg measured r... soil sample 5.70E+08 3.77E+08 3.77E+08 3.77E+08 3.77E+08 3.77E+10 2.07E+03 Variance 3.25E+17 3.14E+16 1.43E+21 4.3E+06 Communication is an important skill in quantitative literacy. In Lesson 1.2, you learned about a writing principle to be used when writing about quantitative information. Two statements are given belo... For the following graphs please indicate: The type of function being represented The variables in the function (as specified under the type of graph) The equation of the fun... What is the initial value of each relation? Explain the significance of these values in the context of the problem. Math Assignment # 3 1. the choi family owns two cars. Mrs. Choi collects data on the... A 5/8 inch drill bit is too small for a job, and a 3/4 inch is too large. What size drill bit should be tried next? Number 1) Number 2) Number 3) Number 4) Number 5). Find 2A + 4B. 97 - 775 A= 19B - 8 - 8. Determine A + B and Ax B, if possible. If an operation cannot be performed, explain w... [-/1 Points] DETAILS SCALCET9 6.3.058. The region bounded by the given curves is rotated about the specified axis. Find the volume of the resulting solid by any method. $x = (y - 2)^{"}$, x = 1; a... Help me this question clearly step pls!. Question 1. (a) Are the following statements true or false? Justify your answer. (i) If f(x) > 0 for all $x \in [a, b]$ with a < b, then ff(x) dx > ... In a manufacturing plant, three machines, A, B, and C, produce 40 %, 35 %, and 25 %, respectively, of the total production. The company's quality-control department has determined that 1 % of th... Thank you!. Due in 2 hours, 51 minutes. Write the slope-intercept form of the equation of the line shown in the graph. 10 10 -9 -8 -7 6 - 5 4 -3 -2 -1 2 15 6 7 8 9 10 P9.1 Draw asymptotic bode Magnitude plots for the following transfer functions. (s-8) a) $Go(s)G(s) = $2+65+8 \ 20(s+8) \ b) \ Gc(s) \ G(s) = s(s+2) \ (5+4) \ Question \ 4 > 0/10 \ pts \ 9 \ 100 \ @ \ Details \ Let \ T \ (t) = < 2t4 - 1, -2e-3t, \ 5 \ sin(-3t) > Find \ T' \ (t) \ T' \ (t) = < 2t4 - 1, -2e-3t, \ 5 \ sin(-3t) > Find \ T' \ (t) \ T' \ (t) = < 2t4 - 1, -2e-3t, \ 5 \ sin(-3t) > Find \ T' \ (t) \ T' \ (t) = < 2t4 - 1, -2e-3t, \ 5 \ sin(-3t) > Find \ T' \ (t) \ T' \ (t) \ T' \ (t) = < 2t4 - 1, -2e-3t, \ 5 \ sin(-3t) > Find \ T' \ (t) \ T'' \ (t) \ T' \ (t)$. Q1. In the diagram, A and Bare two points North 4024/02/M/J/06 on a straight... this is engineering mathematics problem(please answer 2-6 question in writing clearly). PDE 2020F_Q5_solution.pc x per 2019F_E3_sol.pdf X PDE 2020F_Q5_SOL.pdf X PDE 2020F_Q6... A rational function is graphed to the right. (Assume the numerator of the function is 1.) A What are the vertical asymptotes? and y B. What is the domain? C. What equation do you think is -2 graphed?... Sir i am stuck for this question function F = kC + 32— we used an initial starting value,- or guess, kg and the iteration km = (1 - 100a)k,v + 1800... what is the difference of -90 and 85. The difference of -90 and 85 (1) (20 pts) Suppose T -> > 0. Show that there exist N E N and a > 0 such that In > a for any n > N. (2) (20pts) Let A be a non-empty subset of R and r > 0 be such that a > r... Against expert advice, you begin your retirement savings at age 40. You plan on retiring at age 55. You want to determine how much you would you need to deposit each month into a savings account with ... State an alternate equation for this function and describe how you know this equation. 14. [-11 Points] DETAILS HARMATHAP12 5.3.031. MY NOTES PRACTICE ANOTHER If the population of a certain county was 100,000 in 1998 and 110,677 in 2008 and the formula $y = \dots$ Please help me with Q5) d. b C X - 1 5x - d 8x + 4 8 - 8x e 5 * +4 g h 3x - 1 x 2 - 2 2 Find the gradient of the curve y... I need help. bing Global: N HW Score: 40%, 10 of 25 points Homework: Section... Question 13, 2.3.27 O Points: 0 of 4 Save rsonal & Pro th 101: Secti The table provided shows the 24 sequential coal... [0/0.42 Points] DETAILS PREVIOUS ANSWERS ZILLDIFFEQMODAP11 7.6.019. 9/15 Submissions Used MY NOTES Solve the following system of equations (given in (5) of Section 7.6) when E = 80 V, L = 2 h, R = ... How do i solve this?. Write an equation of the line containing the given point and parallel to the given line. (9, -6); 4x - 5y = 2 The equation of the line is y = (Simplify your answer. Type your an... 6. (10 points) We are structure for the following: f is Lebesgue integrable = <math>p = 0. Here, "integrable" means the integrable = p = 0. Here, "integrable" means the integrable = p = 0. Here, "integrable" means the integrable = p = 0. Here, "integrable" means the integrable = p = 0. Here, "integrable" means the integrable = p = 0. Here, "integrable" means the integrable = p = 0. Here, "integrable" means the integrable = p = 0. Here, "integrable = p = 0. Here, "integrable" means the integrable = p = 0. Here, "integrable = p = 0. He have a pile of candy from Halloween. When we try to split it up evenly between 3 friends, we find there is 1 piece left over. Whe... Find parameter.) 4x-6y-102=5 S Sketch the graph of by sketching each separate transformation of the graph of . State the domain and range of the transformed function. Domain: Range: 2. Determine the equation of a function that... The data listed below are the times (in minutes) for 20 telephone calls to be an outlier? Select one: 3.8 2.2 0.5 18.6 1.0 2.8 2.6 1.4 2.3 1... Sir i am stuck for this question . (4 points) Find the equation of the tangent plane (in the variables x y and z) on the parameterized surface r(u, v) = (-2u, -3u' + 3v, -4v?) in the point (-2, 0, ... Sir i am stuck on this question . Exercise 2. Find the Maclaurin series of the function f(x) = sin (x). Then find the radius and interval of the function f(x) = sin (x). Then find the radius and interval of the function f(x) = sin (x). Then find the radius and interval of the function f(x) = sin (x). Then find the radius and interval of the function f(x) = sin (x). Then find the radius and interval of the function f(x) = sin (x). Then find the radius and interval of the function f(x) = sin (x). Then find the radius and interval of the function f(x) = sin (x). Then find the radius and interval of the function f(x) = sin (x). Then find the radius and interval of the function f(x) = sin (x). Then find the radius and interval of the function f(x) = sin (x). Then find the radius and interval of the function f(x) = sin (x). Then find the radius and interval of the function f(x) = sin (x). Then find the radius and interval of the function f(x) = sin (x). Then find the radius and interval of the function f(x) = sin (x). Then find the radius and interval of the function f(x) = sin (x). Then find the radius and interval of the function f(x) = sin (x). The function f(x) = sin (x) + sin (x) convergence of the series. Hint: recall the following trig... [7 pts] Given a sequence of sets F, in a sample space, define a new sequence of sets A; are pairwise disjoint. (... As shown in the following figure, surface S(u,v) is a ruled surface, constructed by joining the corresponding points on two space curves G(u) and Q(u) with straight lines. 2 3 Glu] is the top hal... Find the constant term in the expansion of (-3×4 + _1)30 The constant term is. Write the first four terms of the binomial expansion of (-3×4 + _1)30 The constant term is. format - I will upvote! Claim: If a continued fraction expansion repeats eventually, does it e... Directions: Identify 2 Math AT tools (low, mid, or high tech) that can support students with math disabilities? Then, post the link to each tool (or a link to where one could purchase the tools) Fo... Please answer all parts to this question. I will make sure to upvote!. 5*. Show that a disk is equipolent to the interior of a square. if an item cost \$6,000 in 2007, what would be an equivalent amount in 2008 and 2009? Assume the risk-free asset Bt and the (non-dividend paying) stock St follow the dynamics of the Black & Scholes model (with interest rate r, stock drift μ and volatility σ). Fix u < r. Consid... The average monthly salary of five employees is \$3,588. Four of the employees' monthly salaries are \$2,390, \$4,800, \$3,450 and \$3,150. Calculate the monthly salary of the fifth employees. Can you please help me with the figure shown in the attached screenshot?. Are there unique values of a, b, and c that will make P a transition A B C matrix? If so, complete the transition matrix and d... business mathematics. On a trip, a motorist purchased gasoline as follows: 56 litres at \$1.246 per litre, 70 litres at \$1.278 per litre, 70 litre question, will be really appreciated... Q.5 Given the function $f(X) = 10-x_1 + x_2$, + x, an initial point X") = (2,4), and a direction vector d') = (-1,-1)', such that any... need answer. 8 dan 5 masing-masing ditolak dan ditambah kepada suatu nombor positif itu. 8 and 5 are subtrac... Determine for which values of the parameter a the function $f(x, y) = x^4 + a(x^3)y + y^2 + x^2$ has positive-definite Hessian. please assist. 5. Copy and complete each table of values. Describe the pattern is related to the type of growth represented by each function. (... In Exercises 58-81, find the relative maxima and relative minima, if any, of each function. 58. $f(x) = x^2 - 4x 59$. $g(x) = x^2 + 3x + 8 60$. $f(x) = x^2 - 4x 59$. $g(x) = x^2 + 3x + 8 60$. $f(x) = x^2 - 4x 59$. $g(x) = x^2 - 4x 59$. g(x) =dynamical system n+1 = Aid has a 3 X 3 transition matrix A, initial state vector x4], and suppose the general solution is given by 1 - 1 1 K:
= 611:2]: [3] + C2[fl.5] 1 |: 1 🙂 + C3|:?... Please provide Handwritten answer. Advanced Math give a direct proof of "if m is odd integer, then m^2+1 is even integer" Question 1 10 pts A howler monkey is the loudest land animal and, under some circumstances, can be heard up to a distance of 6.85 km. Assume the acoustic output of a howler to be uniform in all direct... 1-A company is interviewing potential employees. Suppose that each candidate is either qualified, or unqualified with given probabilities q and 1 - q, respectively. The company tries to determine a ... Ikram borrowed RM 120 000 at 6% compounded monthly for five years. If he has not paid his first 5 monthly payments, how much should he pays on his 6 th payment to settle all outstanding arrears? Un bono corporativo que paga intereses trimestrales del 15% anual es redimible a la par al cabo de 3 años. Si su valor nominal es de \$1000, calcule el precio que debe pagarse por él si: a) la tasa d... Need help with the step by step solutions. CCP Math 121 9. (10 pts) Consider the following relation R on the set of all points on the xy -plane, R? = {(x, y) : x and y are real numbers) : (a, b) R(c,d... This assignment will provide you a detailed understanding of how to create Value Stream Maps and how to use them to improve your current process. For this assignment, your company makes baseballs an... Here is the question: If not, ,write it in scientific notation. If not, ,write it is DigiCom has decided to purchase products marked down \$221.97 for a net price of \$412.23. a) What is the list price of the products? For full marks your answer(s) should ... any thoughts??. -26 -44 Linear Exponential Neither (Circle one) Explanation: the complete graph with n vertices is the graph having n vertices such that every pair of distinct vertices are connected by a single edge, but with no loops. Draw the complete graph with two vertices... Hi, I'm a grade 7 student and I've been struggling to solve this questions. Please help me.. Find the following 1 AUG 11 (A n B) 2. GUD 2. U 3 BUCUD AND 14 (A UB)nD' UnBOC 15 (A - B)n(C - D) DO(AUC)... Question 4 (14 points) Analyze its running time of funcl and funcz. Explain your answers. Note: Give your answers in terms of asymptotic order. That is, $T() = 0(m^*)$, or $T() = 0(m^*)$, or T() = 0Lagran... The ocatl numeral system is a base-eight positional system that uses the symbols 0,1,2,3,4,5,6, and 7. Write each base-eight number. Mark sells hotdogs for a living on. This week, from Monday through Friday, he sold for 340.25, 180.41, 210.78,74.13 and 150 dollars. How much is his sales in a total that week? If his call that week? I food cost is 33%... a 1 Find the number of subintenrale that will ensure that the absolute error in approximating the integral / Ed: by 1 Simpson's rule will be less than III—T. Please provide Handwritten answer. Find the potential(V) as summation, by using Finite Difference Method (FDM). A conducting cone is placed on top of rectangular sheet as shown in Figure below. The co... Question 1 (1 point) intersect? What are the coordinates of the point where the lines represented in this graph yA 4- 2. 4 x O (3, 2) O (2, 2) Please Help. 2- An urn contains N balls of which 3 are red. The balls are drawn one at a time. Let X1 be the first time a red ball is drawn. (a) Assume the drawing of the point where the lines represented in this graph yA 4- 2. 4 x O (3, 2) O (2, 2) Please Help. 2- An urn contains N balls of which 3 are red. is without replacement. What is the ... please help assignment 3 question 10. Convert the decimal number (-0.609375), to the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE floating point format (Sign Exponent A and Sign Exponent A and Sign Exponent A and Sign Exponent A and Sign Exponent (Sign Exponent A and Sign Exponent (Sign matrix A after applying the row operation Ri \leftrightarrow Rj. 2. Find a 3 \times 3 matrix Tij (c) ... Use the graph to find the slope first and the y-intercept second. Use a comma to separate your an... Hi please help me with these questions. You don't have to provide the steps on how you solved it. Thank you!. Each school in a certain district was asked to design a logo for their school using only t... calcular liquidación y indemnización TRABAJADOR: JOSE LUIS RAMIREZ RODRIGUEZ PATRON: GRUPO SABRITAS S DE R.L. DE C.V. FECHA DE DESPIDO: 06/01/2020 HORARIO: LUNN CONTRACTOR DE DESPI VIE 6:30 A... polynomial function. C 3 IF P (X) IS A POLYNOMIAL WITH X = 1 AS A ROOT, AND P(X)20 FOR KE (-04] THEN EXPLAIN THE GRAPHICAL 5 SIGNFICANCE Suppose that X is a random variable on R with the property that there is a Borel set A CR so that $\lambda(A) = 0$ but P(X $\in A$) > 0. Show that X does not have a density. Answer the following questions . Part 2: 1D Kinematics Basic Information: a is constant. v = vo + at 1 = v + vo 2 As = =at2 + Vot 12 = v02 + 2ads Directions: Please use the format given in class. Yo... college mathematics. Evaluate the expression when a = 3 and c = 8. 3cta- a Simplify your answer as much as possible. X ? Continue 1) a) Explain why this equation $x^2 - x - 2 = 0$ can be written in the following alternatives forms : $x^2 = x + 1$ (x - 2)(x + 1) = 0(x - 1/2) - 9/4 = 0 Which valu... Hi can you help me solve this question . VARIABLES x=HORIZONTAL DISTANCE (m) y=VERTICAL DISTANCE (m) QUESTIONS 1) Create a function that represents this landing sequence. Be sure to include the foll... Which common U.S. photograph print size (in inches) has the greatest aspect ratio? 5X7 4X5 8X10 4X6 Suppose X ~ N(10, 0.5), and I = 11.5. Find and interpret the z-score of the standardized normal random variable. Provide your answer below: The z-score when x=11.5 is The mean is This z-score tells yo... Answer the following as true or false: (a) OC{{O}} (c) 10, (0} E (0, (0), (10)} Application of quadratic equations. A ball is thrown upward and outward from a height of 6 feet. The height of the ball, f(x), in feet, can be modeled by $f(x) = -0.1 \times 2 + 0.8x + 6$ where x is the ball's h... Question 2 (5 marks) Find the extremal of .T Ja = (2 + 5xx + 32) dt 0 with x(0) = 1 and T = 0.1 \times 2 + 0.8x + 6 where x is the ball's h... Question 2 (5 marks) Find the extremal of .T Ja = (2 + 5xx + 32) dt 0 with x(0) = 1 and T = 0.1 \times 2 + 0.8x + 6 v2; i.e. x(V2) is free. If 'a' is the given vector. What is the output when you apply the user defined Normalizing function 'z ()' to it? [Hint: This question is the continuation of Problem 6] a <- c(33,434,242,434354,545,... plz solve it. 55. Revenue The weekly revenue of a certain recently released film is given by 50r R() = 12 + 36' 120 where R is in millions of dollars and f is in weeks. (a) Find the critical values. (... I need help with step by step solution... Math 121 7. (6 pts) Convert from FEDC, to the base 8. Jard Laud periodo t una demanda de Dar, con un precio de venta estimado en pit. La compania ha decido que no van a satisfactr toda la demanda de mercado, si no que comenzaran de a poco, aumentado ano ... OUESTION 5 . 0/1 POINTS As the number of hours of sunlight decreases. What can you say based on this given information? X That's not right. O Decreasing h... Problem 1 0.23 Answer the following questions about the powersetP{{1,2, 3,4}) partially ordered by the strict subset relation C. (a) Give an example of a maximum length chain. (b) Give an example of a maximum length chain. (b) Give an example of a... play give answer. Kelas: Torikh: Pecahan, Perpuluhan dan Peratus ULUHAN setiap yang berikut kepada satu tempat perpuluhan. SP2.21 TP2 10.84 - 27.5 31.572 - Soma dengon 5. Tombah | kepada digit 4. 0.2... You purchased a \$10,000 bond maturing in 5 years. The coupon rate is 8% payable semi- annually. If the market rate is 7.3% compounded semi-annually, what is the purchase price of the bond? 2. You h... Check Maggie Vitteta, single, works 38 hours per week at \$22.00 an hour. How much is taken out for federal income tax with one withholding exemption? (Use Table 9.1 and Table 9.2) (Round your answer t... any can help me pls,...thank you. 1/343 Lation Analysis Itern No; 3 is an exponent ulturtle Item No; 3 is an expon its kinetic energy from 9680 eV to 8300 eV as the particle moves from position A to position B. The electric potential... 1 One of the roots of 2-3x - 9 = 0 Is 3. Select the other root from
the choices below! a. 2 and 5 2. Determine the roots of 2-3x - 9 = 0 Is 3. Select the other root from the choices below! a. 2 and 5 2. Determine the roots of 2-3x - 9 = 0 Is 3. Select the other root from the choices below! a. 2 and 5 2. Determine the roots of 2-3x - 9 = 0 Is 3. Select the other root from the choices below! a. 2 and 5 2. Determine the roots of 2-3x - 9 = 0 Is 3. Select the other root from the choices below! a. 2 and 5 2. Determine the roots of 2-3x - 9 = 0 Is 3. Select the other root from the choices below! a. 2 and 5 2. Determine the roots of 2-3x - 9 = 0 Is 3. Proposition 3. Verify that the relation of "having smaller or equal cardinality" (i.c., |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a partial order. (Hint: |A| S |B I) on the class of sets is a of members Single buyer B/seller S's net utility (surplus) Assume that d' (U) = Mi(1 -e-U'), i = B (for Buyers), S (for Sellers) Hence Mi is maximum number of membe... ES LA TASA DE INTERES PROMEDIO A LAS QUE SE PRESTAN RECURSOS DIARIAMENTE ,LAS INSTITUCIONES MEXICANAS, NO ES UNA TASA QUE SE USE PARA OPERACIONES DE PERSONAS FISICAS, Y REPRESENTA LAS OPERACIONES DE C... EXERCISE #24 Customer 14 Custome profit of \$56.24 if it sells an article at a margin of 37% of the selling price. (Hint: Margin, Markup & Gross Profit a... Answer the following questions. A firm producing decorative candles goes... Valuation of Microsoft Corporation In 2010, some fundamental investors believed that Microsoft, after being overpriced in the stock market for many years, was now a firm to buy. Microsoft's shares tra... Need help with step by step solution. Find the truth table for rely [(p -> q) ~(9 -> r)]->(p->r) Fare both e Consider a risky (corporate) zero bond V (r, A, t), where da = y(r a, t) dt + 5 (r, a,t) dW, dr = u(r, t)dt + w(r, t) dW dW, dW2 = pdt and p.dt is a probability of default, so p = e{-AT} for time from... step by step. Write the ratios for sin C, cos C and tan C. A 25 C 7 24 B Note: Use slash (/) to separate numerator and denominator. sin C cos C tan C A family wanted to make sure they were buying oatmeal that had the . y'try' dy . Solve for x when zero ton $x = 1 \sin(2x) 2$ – The population of Math ville is modelled by the function amount of oatmeal that was indicated on the package, so they decided to test a sample of oatmeal packages to see if the packages inde... Determinar la solución general de la ecuación diferencial: P(+) = -2+' + 54+2 - 40+ + 21060 where t represents the number of years since 2015 as What... Pierre has a goal over the next several years to be elected to... 19) (9 points) Fill in the truth table chart for the statement: (p /q) v ~ q . Be sure to label the column headings. P T T T F F T F how to do??. Encik Daud menerima gaji sebanyak RM70 untuk 2 hari bekerja? permintaan dan penawaran. 1. Berikan contoh penggunaan fungsi dalam ekonomi! 2. Perhatikan skedul permintaan dan penawaran sebuah produk pada dua tingkat harga vang berbeda tabel berikut: Harga (P) Ju... False, let 12-21 # 121+1-21 b) Let A C R which is non-empty. Let a = sup A. Prove that there is a sequence (In) in A such that In + a as n - 0. [4] anza as now 91 = Sup A. prove that there is a sequence (In) in A such that In + a as n - 0. [4] anza as now 91 = Sup A. Prove that there is a sequence (In) in A such that In + a as n - 0. [4] anza as now 91 = Sup A. Prove that there is a sequence (In) in A such that In + a as n - 0. [4] anza as now 91 = Sup A. Prove that there is a sequence (In) in A such that In + a as n - 0. [4] anza as now 91 = Sup A. Prove that there is a sequence (In) in A such that In + a as n - 0. [4] anza as now 91 = Sup A. Prove that there is a sequence (In) in A such that In + a as n - 0. [4] anza as now 91 = Sup A. Prove that there is a sequence (In) in A such that In + a as n - 0. [4] anza as now 91 = Sup A. Prove that there is a sequence (In) in A such that In + a as n - 0. [4] anza as now 91 = Sup A. Prove that there is a sequence (In) in A such that In + a as n - 0. [4] anza as now 91 = Sup A. Prove that there is a sequence (In) in A such that In + a as n - 0. [4] anza as now 91 = Sup A. Prove that there is a sequence (In) in A such that In + a as n - 0. [4] anza as now 91 = Sup A. Prove that there is a sequence (In) in A such that In + a as n - 0. [4] anza as now 91 = Sup A. Prove that there is a sequence (In) in A such that In + a as n - 0. [4] anza as now 91 = Sup A. Prove that there is a sequence (In) in A such that In + a as n - 0. [4] anza as now 91 = Sup A. Prove that there is a sequence (In) in A such that In + a as n - 0. [4] anza as now 91 = Sup A. Prove that there is a sequence (In) in A such that In + a as n - 0. [4] anza as now 91 = Sup A. Prove that there is a sequence (In) in A such that In + a as n - 0. [4] anza as now 91 = Sup A. Prove that there is a sequence (In) in A such that In + a as n - 0. [4] anza as now 91 = Sup A. Prove that there is a sequence (In) in A such that In + a as n - 0. [4] anza as now estionmark.com/delivery/session.php?customerid=400178 YouTube Maps Dhas Assessment progress: MAT-105 Funda... please answer properly.. g. Mr. Alpha needs Rs. 300,000 for the marriage of her daughter. He approached one of the money lenders for borrowing loan. The lender agreed to lend Rs. 200,000 for a period ... Question 3 A damped mass-spring system has the following equation of motion. Determine the particular solution using Laplace transform. Is the system underdamped, critically damped or overdamped ? y' ... QUESTION 2 A string with a linear mass density of 0.0075 kg/m and a length of 7 m is set into the n = 4 mode of resonance by driving with a frequency of 89 Hz. What is the tension in the string? QUEST... Find the mode(s), if any, of the following numbers: 602, 322, 376, 602, 376, 730, 777, 777, 602, 322, 602 and a string? QUEST... Find the mode(s), if any, of the following numbers: 602, 376, 602, 376, 730, 777, 777, 602, 322, 602 and a string? QUEST... Find the mode(s), if any, of the following numbers: 602, 376, 602, 376, 730, 777, 777, 602, 322, 602 and a string? QUEST... Find the mode(s), if any, of the following numbers: 602, 376, 602, 376, 602, 376, 777 Hello! Im trying to refresh my knowledge in function optimization using Lagrange but this task seems so confusing. I have a consumption problem i want to maximize: $G(x, y) = l \circ q(x) + ...$ Thorazine is available in a strength of 25mg/ml. Express this strength as a percent. A person is paid a total of \$1868.40, what was the total value of ... Evaluate the following expression using the rules for order of operations. When applicable, write your answer as a reduced improper fraction instea of a mixed number. 5 7 + 4 6 6 15 Keypad Answer How ... Please can you show all the steps, I would like to understand it in preparation for guiz on this topic. Use an antiderivative to show that, for every contour C extending from a point z, to a point z2... Beau bought 15 ft of cable. He used 3 1/3 feet for another project. How much cable does he have left? Often the third element In a point group Is redundant. Is this the case In mmm and Gm2? Dem... Complete the repayment schedule for a \$2,400 loan at 12% for 6 months. ... help please. SECTION I: TRUE/ FALSE Instructions: Indicate each statement as being (T)rue or (False. 1. (2 points) p - q is logically equivalent to -p V q. 1..2. (2 points) For all x in some univer... I need help in the last question. Suppose \$28,000 is invested at an annual rate of 8% for 12 years. Find the future value if interest is compounded as follows. a. Annually b. Ouarterly c. Monthly d. D... In the figure, m is parallel to n and The measure of 46 O m <4 = 127. Find the measures of the other angles n m The measure of 42 = 3.4 The measure of 45 = 0.8 t 6 The measure of weight. In 2015 he weighed 321.9 pounds and in 2017 he weighed 193.4 pounds. Calculate the absolute and relative change in Lester's weight... (10 points) Prove the following truth table. Use T for true and F for false. You may add more columns, but those added columns will not be graded. P (p-q) ~ ~P P q T T DAO OVO T F 0-0 0+0 F T X 5 ? F F Please help
me out with this. I am stuck. Thank you. This is for Discrete Structures. Question 18 10 pts For the set S = {the books in the library} and the binary relation xpy <> "the cove... I need part 3 please! :). 7. G(x) is the function defined by the following graph. The graph window is: [-3,5,1] by [-60,80,10] Part 1.: Evaluate G(-1) Part 2.: Evaluate G(-1) Part 2.: Evaluate G(2) Part 3.: Determine [G(-1) ... Compare geometric lag and polynomial distributed lag models. Find the following indefinite integrals 1 -dx x(x' - Vx + 2) dx X 16xe-(1+9)dx 2 dx ii) 3x iii) VI+3x- iv) 2. For a particular urban group, economists studied that the current average yearly income... Hint: First, use conditioning to calculate the probability density function and cumulative distribution function. Let Xk (1 < k < n) be ind... Nearest neighbor algorithm. Question 8 1 A delivery truck must deliver packages to 6 different store locations (A, B, C, D, E, and F). The trip must start and end at C. The graph below shows the dista... Find each product. 12. [-/0.68 Points] DETAILS LARMPMT1 8.3.006. 0/100 Submissions Use Find each product. (a) -2. (-12) (b) -6. (-3) (c) 8. (-2) (d) 3. (-7) Need Help? Read It In the 2002-2003 school year, the cost of tuition, fees, room, and board for an in-state University student was \$9,398. For 2020-2021, it is \$25,186. Taking into consideration inflation, find the re... Find the x- and y-intercepts in order of increasing a-value. If there are no -intercepts... Consider the following Black-Scholes PDE (from financial mathematics): $av + $202 V av aT as^2$ to as - V = 0, (1) where V = V(s, T) is the option price, s > 0 is the asset price and T E[0, 1] is ti... 1). Find the four roots of the equations and use them to factorise z + 16 into two quadratic factors with real coefficients. minimizer of f(x)=max{ exp(2x+1), (x-0.5)^2 } PROBLEMS FOR SECTION 2.3 X Use a math drawing to explain in your own words why multiplying the number results in the same number (equivalent fractio... For aircraft to fly safely its total all up mass should be less than 1950 lbm and it Center of gravity should be less than 2.1971m aft of datum. If without fuel aircraft is at 1779 lbm and the Center ... Please help. The information below shows the net income based on December sales for Comicon Entertainment Inc. Assume the selling price per unit is \$1. Sales \$240,000 Fixed Costs \$95,480 Total Variabl... Please show work by dimental analysis way. Order Morphine gr 1/6 subcutaneous Supply! morphine. 15 mg permL Administer ML Find Inverse Sample. I 5) S 5 Ans. 2t2 (3 - 2t) (s + 1)2 3. DEFINITION. If the Laplace transform of a function f(t) is F(s), i.e. if LLf (t)] = F(s), the value of f(t) is called an inverse Laplace transform. In 5-card poker, three of a kind is 3 card of one denomination, plus 2 cards of two additional denominations. How many ways are there to get a tree of a kind? Please help me with this problem, will be really appreciated. Q.5 Given the function f(X) = 10-x, $+x_x$, $+x_y$, an initial point X'') = (2,4), and a direction vector d') = (-1,-1)', such that any po... Let T(V, E) be a k-regular bipartite graph with associated partition V = V1 UV2. Prove that || = IV21. Rational inequality. Rational inequality x+1 > 2 x-3 1. Put the rational inequality in general form. R(X) Q(x) where > can be replaced by <, sand > Maths. Ly Week 12: Unit 3 Quiz ~ Lyryx Learning Inc - Google Chrome lila 1.lyryx.com/quiz-servlets/QuizServlet?ccid=3819 Question 4 [5 points] Swan Furnace Cleaners recently received two invoices, whi... The following questions below are your quide in the making of your synthesis paper you can focus on one of the given aspects below. Due date of submission will be on September 13 (Monday), though y... Let a,b,ceZ,Prove that if a^2 +b^2=c^2, then a or b is even. Please provide the appropriate proof don't prove it by giving example Could you help me with this perturbation problems 11-20, determine how the number is stored using one byte and two's complement form for negatives. 11. 27 13. 0 15. -50 In Problems 21-40, perform the indicated operations using one byt... Sir i am stuck for this question R=1. Consider the following system of linear equations $X + X + X_1 + X_2 + X_3 + X_3 + X_2 + X_3 +$ digits if the digits can not be repeated? (2)Six tennis players have made the final... let f(z) = u + iv be an analytic function, and let F be the vector F = vi+uj. Show that the equation div F = 0 are equivalent to the cauchy-riemann equations (18) One of the difficulties in carbon dating is the sensitivity of the results. To explore this issue, consider an exponential decay where there is a relative un- certainty c in the measurement of p(... Revenues at Nestor Corp. for this year. (3 marks) Note: In this test, nothing is drawn to seals. 1. The following two triangles are similar. a. Complete the statement shown below. story as [1 malt] L? J3 J B' J. Ir 1' 11 z r I). Write the propositions. ... 1). Write the propositions below and determine whether it is a tautology or contradiction. a) [Not]p([Or]([Not]p)[Or]([Not[pn]([Not[p coaster at a theme park. Analyze the data and assess its validity. In 3-5 sentences, record your conclusions.. Roller Coaster Energy Data KE at bott... The table summarizes results from 985 pedestrian deaths that were caused by automobile accidents. Driver Pedestrian Intoxicated? Yes No Yes 50 79 No 261 595 If one of the pedestrian death... Need help with step by step solution. Find the truth table for (~ pr q) v (PA ~r) Introduction to Logic for Computer Science Non-Logical Axioms: y is a person, z is the store y is in, x is a food in z. 1. "joy has a sweet tooth" v "Joy has a s planar. What's In Rename the following whole number as a fraction. Ex. 1 = NIN = w/w = 1.4 = 2.3 = 3.5 = 4.6 = 5.8 =. Quarter 2 - Module 13: Week 6 Adding and Subtracting Similar and Di... What is the standard deviation of the following set of data values? 1, 2, 6, 8, 2, 3, 6. Give your answer as a decimal number, correct to two decimal places. La compañía Hierros Hernandez tiene un costo fijo de \$120,000, y se estima que el costo promedio de producción de su principal articulo es de \$92,000. ... PROBLEMS FOR SECTION 5.1 1. a. Anita had ; of a bag of fertilizer left. She used of what was left. What question about Anita's fertilizer can be answered by calculating 4.2? b. Hermione wants to mak... Linear inequalities come in one of the following basic forms: a < x < b x > a x < a or x > b Come up with a real-life situation that models each of the four types of inequaliti... (15 points) Here are three vectors: $v_{1} = 2$ OWGC 0 V- = 1, = 3 1) Determine their linear dependence; if they are linearly dependent, give a linear combination. 2) Consider three random variables. Ea... In this section provide your teaching approach to develop students' understanding of one concept (i.e., from key knowledge in the Study Design) from Area of Study 6: Statistics from Specialist Mathema... Share X has a standard deviation of return of 15%. Share Y has a standard deviation of returns of the two shares is 0.4. If you invest 60% of you... Need Your help Regarding this Activities/Lesson I'll surely give you feedback/thumbsup.... 4. Mark started selling snacks in the nearby canteen. In one day, he spends P200 fer rent and P25 fer Each sn... INTRODUCTION TO ABSTRACT ALGEBRA . (3) In this exercise we are going to classify all groups of order 8. We already know five of them: D87 Q8: Z8: Z4 X Z2, Z2 >< Z2 X Z2 (a) Show that none of t... Use picture for question . CLASS DATA: Subject ID Rest Exercise Heart Rate Resp Rate Heart Rate Resp Rate PRO 69 14.05 54 1.83 Create three bar graphs (using the CLASS DATA!) 15 4.26 40 2.075. In... { 25 }^{ +3x+3 } = { \left(\dfrac{ 1 }{ 125 } \right) }^{ +1 } Sir i am stuck for this question its math not english. Part 1. (Up to 4 points) Write an essay of at least 300 wort . in length covering sinu- soidal curve fitting. This essay must cover the following... I need help. To save for retirement, Karla Harby put \$575 each month into an ordinary annuity for 14 years. Interest was compounded monthly. At the end of the 14 years, the
annuity was worth \$138,122.... Questions 1-5 are worth 5 points each (25 total points) 1. Total Flight Time (round to 2 decimal places) 2. Vertical Displacement (calculate this using at least two di... Demonstrate how to use Excel to encrypt or code a message using matrices and their inverse. The message to be formed using triplets of numbers an... mathal.com/Student/PlaverHomework.aspx? homeworkld=610008254&questionld=2&flushed=true&cld=6699471¢erwin=yes QMS110-Applied Mathematics for Business Daniel Abiodun & E Homework:... please answer. 3) A function is given by the equation y = 2×3 + 4×2 - 5x + 10. i) Obtain an expression for dy (2 marks) dx ii) Find the gradient of the tangent to the curve at (2, 6). (2 marks) ill) D... help me with these please. ig X A Acellus - The Science of Learning X Acellus Learning tions/Interface/acellus engine.html?ClassID=1326434492# Decimals by Whole Numbers Divide. Round to the nearest t... Asap Please . (i) Let G be a graph on n vertices with at least ("31) + 2 edges. Use Ore's theorem to Show that G is Hamiltonian. [Hint Note that if G is not complete then it has two non-adjacent... Norb and Gary are entered in a local golf tournament. Both have played the local course many times. Their scores are random variables with the following means and standard deviations, Norb, x, : 1 = 1... Answer if it is null set, finite, infinite & singleton. 1. The set of numbers which are multiples of 10. 2. The set of letters in the English alphabet. 3. A = {x/x are even number} 4. B = {y/y is... Evaluate $\int (-x 3 + 8) / (2 - x)$ from x = -1 to 1 2. If acceleration a(t) = 18t + 8, velocity v(1) = 15, and distance s(1) = 19, determine the definite integral for distance s(1) = 12. If acceleration a(t) = 18t + 8, velocity v(1) = 15, and distance s(1) = 19, determine the definite integral for distance s(1) = 19, determine the definite integral for distance s(1) = 19, determine the definite integral for distance s(1) = 10. points) | Question Attempt: 1 of 1 1 v 2 V 3 4 = 5 6 7 8 9 10 11 Last year, Tony biked k miles. This year, he biked 350 miles. Using k, write an expression ... (it) points] Erlotinih is a relatively new cancer dmg designed to inhibit the epidermal growth factor receptor (EGFR) signaling pathway that is one of the main drivers of cell proliferation in many ca... we want to suppose that G = (V, E) is a connected simple graph and C = e 1, ..., c m is a simple circuit in G. now, prove that the graph $G - e 1 = (V, E \setminus \{e1\})$ is obtained by deleting e 1 and m... please help explain steps. You have taken a loan of \$57,000.00 for 32 years at 5.3% compounded quarterly. Fill in the table below: (Round all answers

to 2 decimal places.) Payment Payment amount Princ... need help of questions 5 and want to make sure if i am right on question 6. Find the sum of the first 14 terms of the sequence: 5. - 1, 2, - 4, 8, ... O 5463 2 5461 2 O - 2727 5467 2 QUESTION 6 Dete... C https://www.webassignnet/web/Student/Assignment-Responses/submit/ dep=27564225&tags=autosave#question4742816 11 Not syncing Suppose, household color TVs are replaced at an average age of u = 7.4 y... mathematical startefy. spend about \$12 mous Chicago-based chain of cookies and other bakery goods, is considering moving West, opening 200 shops on the West n on an advertising campaign at the end of ... Complete the Table. END BEHAVIOR OF THE NUMBER OF BEHAVIORS OF GRAPH RELATIVE TO TURNING FUNCTION THE GRAPH POINTS THE X-AXIS POSSIBLE GRAPH (Crosses Or Tangent) f(x)=X2+3x-10 f(x) = (x+5) (x-2) 1.... A parent of one of your (future) students complains that their child is not practicing calculations but, instead, is struggling with problems and mathematical tasks. The parent doesn't think you're ... business maths. Quiz 3 what amount of money cut the Interest per annum. (4) [~Ash 6.2.4] Find foxdo, where a(r) = [x] = the largest integer < r. (x] is sometimes called the floor function, or the integer part function.) Minimize x\ + 2×2 - M subject to Xi - X2 + 3X3 = 1 X2 - 2X3 + X4 = 1 3xi + X2 + X3 + X4 = 7 xi,x2, x3, x4 > 0 Part Description The honored Lazydog fondly recalls the many times he has sliced a golf ball into the water. This leads him to decide to calculate the terminal velocity in water of a 4.3 cm A. diamete... totally stuck. write the number as a power of 5 125 Enter the Value of the index as an integer. business mathematics. Question 37 (1 point) Records of Montes Service's fuel oil consumption for the last six-month period how that Montes paid \$1.085 per litre for the first 1100 litres, \$1.093 per l... please explain the how to do correlation step by step. Student Hours Studied(x) Grades(Y) 1 17 91 2 12 73 3 8 70 4 14 86 5 10 71 6 3 62 7 20 87 8 11 76 9 7 68 10 16 84 11 9 66 12 15 83 a) Cal... Asymptotic Variance of 0 Blog fo (x) 8 log fo(x) 802 = $I(0) = -EP-\log fo(<) 1 802 = The variance of 0 is asymptotically equivalent to ni(0) = hi can you please help me with this. you can use Excel to iterate the function and answer the question because this question requires Excel. The$ velociraptor, Velociraptor mongoliensis, was a predator dinosaur that lived during the late Cretaceous period approximately 75 million years ago. Paleontologists think that it was a very tenacious... Chrome File Edit View History Bookmarks Profiles Tab Window Help 1 7 9 8 4 Thu Sep 30 12:23 AM Mail - Hernandez X VA 6.3 Homework-C X Course Hero x Course Hero x Course Hero x | Desmos | Let's le: x |... Calculating maximum rate of climb. . Select and identify your aircraft. Then provide the following: A. Maximum Takeoff Weight (MTOW) [Ibs]: B767-300F 412,000 lbs. B. Engine Type and Rated Thrust [Ib... help with math. f Learning X A Acellus . The Science of Learning X Acellus Learning Accelerator | H X + Interface/acellus engine. html?ClassID=43269589 ing Decimals by Whole Numbers Divide. Round to t... Please, help with the following question on the screenshot: Thank you! The bank statement for Pete Poselwait for the month of March 2021 is shown below: Danske Bank Statement 31st March 2021 Dat... Please provide Handwritten answer.. Consider a linear operator K : R3 - R3 given by 7 K(x) = Cx, where C = 8 1 (i) Explain why K is a rigid motion and, specifically, a rotation about an axis. (ii) Find... Timeli Divide the following polynomial by 6. 61 - 12c Preview TIP Enter your answer as an expression Statement no. 25 Pete Poselwait Example: $3x^2+1$, x/5, $(a+b Be sure your variables match those in the question Points possible: 2 T... QUESTION 2 (a) The second-order Runge-Kutta method to solve the equations <math>y_1 = u_1 + aki + bk^2$, ki = hf(In, Un).... There is a fishery research tank of 1000 m 3 capacity. It is half full of liquid to start with. Water flows out at the rate of 100 m 3 /hr and the water flows out at the rate of 7... State the characteristics (maximum, minimum, period, zeroes, asymptotes, domain, and range) of the following functions. (7 marks) Function y= sin x y= CSOX Maximum Minimum Period Zeroes (x int) As... tell me the answer. Diketahui: Qdx = 100 - 2Px + Py. Qdy = 5 + 2Px - 3Py. Qsx = -10 + Px. Qsy = -5 + 6PV. Tentukan kesiembangan harga dan kuantitas masing-masing komoditas tersebut step by step. Emarie invested \$250. She earned a simple interest of 3% per year on the initial investment. If no money was added or removed from the investment, what was the amount of interest Emarie ... CHOICE GDO OR PAIRING NUMBER DATE(S) 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th 13th 14th 15th 16th 17th 18th 19th 20th 21st 22nd 23rd 24th Note: This exercise is taken from the text "Integer Programming" by Michele Conforti, Gérard Cornuéjols, and Giacomo Zambelli. Exercise 3.25. Let S g {0:1}", and let P: (3011V(S). Show that S ... From the number theory, thank you. 1. Let a be the Mobius function. (1) Prove that there exists an integer n such that p(n+1) = ... it's a chance. Nje sfere me rreze (x + 5) cm ka nje boshllek sferik me te njejten gender e me rreze (x-3) brenda saj. Perdorni identitetin A3- B3= (A - B)(A2 + AB + B?) per te gjetur vellimin e pjeses ... here's my question please provide a counterex— ample. a, If lining.ML f(a:) = L and li... Your full-page calendar is open to the month of June. You close your eyes and randomly point to one of the dates on the calendar. What is the probability your finger landed on June 12? What ... The problem data is as follows: . Time horizon T = 5 . Liability 1 2 3 4 5 6 7 Price 102 99 16 . Number of bonds: n = 7. Face value of each bond is 100. . Details of the bonds 1 2 3 4 5 6 7 Price 102 99 16 . 10... Determine the total time required to transfer the bits in given scenario. The 2 MHz clock is used as a reference. a). Transfer of 32 bit binary Data from Computer to Printer ? b). Transfer of 32 bit binary Data from Computer to Printer? b). Transfer of 32 bit binary Data from Computer to Printer? b). equation of the line by hand using the first and last points that best approximates the data for Chad. Your final answe... Find the Laurent series for f (z) = z(2 - 1) in the annulus 2 < z - 3 < 3. Write your answer in summation notation. Much of the lower Colorado River is used for irrigation in California's Imperial Valley. The Colorado forms the border between California and Arizona. A group in Arizona has convinced the Governor to ... DESCRIPCION DE LA ACTIVIDAD: -3 1 0\ 1. A = -2 Y B = UIIN -8 4 : calcule AB y BA, si es posible. 3 2. Utilice el metodo de reduccion (operaciones) de reglones (de matrices) para determinar el conjunto... YOUR TASK Calculate the content validity ratios (CVR). Review the "Demonstrating Evidence of Validity Based on Test Content After Test Development" section of Chapter 6 in your textbook. Then imagin... Four people go to the opera and drop keys at the coat check. The coat check clerk collects the keys, and randomly hands them back to the 4 men when the opera is over. How many different possible ways ... Of the 390 students who take the test, the numbers of students obtaining grades A, B, C and D are in the ratio 5: 13: 9: 3, respectively. Calculate the number of students obtaining each grade. Ex... If a 25 m support wire is attached to the top of a pole and also to the ground 7 m out from the bottom of the pole. How tall is the pole? (Show diagrams.) (Pythagoras) Hello, I really need you to provide correct answer and solution for this one as fast as you can. Thank you! (11-15). Solve the rational equation Marked out of I V Flag q... please answer the question below. in triangle ABC . the measure . of angle B is so degrees Select All the Possible Values for the angles A and C if ABC is An acute triangle A. Angle A is 65 degrees a... Question 3 (2 points) Now, on the same axes, sketch the graphs of the functions $y=10^*$ and $y=10^*$ <-9 4. Fifty-four less than 4 times a number is equal to the number. What is the number?. 4. Fifty-four less... Q 2:(a).Let A is any subset of X, where (X, J) is any topological space. A sub collection B of J is base for... Two Sample t-test data: daphne all by survive t = -4.2089, df = 749, p-value = 2.878e-05 alternative hypothesis: true difference in means between group Dead and group Alive is not equal to 0.95 p... Find the equation of the line passing through (16, 0) and (0, 8). 2. Consider the following: x y 0 1/2 1 5 2 50 If y = c • a^x, find y when x = 3. Show solutions. 1. A 20 kg dog requires 100 mg tablets with a dose rate of 10 mg/kg for 5 days. How many tablets does it need? 2. A 20 kg dog requires 250 mg tablets at a dose of 25 mg/kg for 7 days. ... simplex method. (2) Solve the given minimization problem by solving the dual maximization problem by solving the dual maximization problem with the simplex method. (2) Solve the given minimization problem by solving the dual maximization problem by solving the dual maximization problem with the simplex method. (2) Solve the given minimization problem by solving the dual maximization problem by solving the dual maximization problem by solving the dual maximization problem with the simplex method. (2) Solve the given minimization problem by solving the dual maximization problem by solving the dual maximization problem with the simplex method. (2) Solve the given minimization problem by solving the dual maximization problem by solving the dual maximization problem by solving the dual maximization problem with the simplex method. (2) Solve the given minimization problem by solving the dual maximization p Part c question 3. 3. Two factors of $12x - 8 \times 3 - 39 \times 2 + 8x + 12$ are (x - 2) and (2x + 1). Find the other two factors of the polynomial. (5 marks) Find the curvature at t =
-5:r of the cycloid that is described by $r(t) = a(t - \sin(t))j$, a > 0. K.=- Sir i am stuck for this question . (2 points) The following initial value problem is given for modeling the movement of a shock absorber. my" +cy' t ky = F(t), y(0) =0 At first the sys... Plzz Solve these question as soon as possible. I need typed answer. No need to write matlab code, I will report if u provide handwritten slution QUIERO ESE DOCUMENTO PARA CONOCER Y ENSENAR, A OTRAS PERSONAS. Check my work Kathleen Osness purchased a \$75,000 recreational vehicle (RV) with a 40 percent markup on selling price. a. What was the amount of the dealer's markup? Markup amount ces b. What was the ... answer with explanation. Note: Calculation and explanation must be given along with correct option 1. Which of the following fraction is the smallest? a) 19/13 b) 21/17 C) 17/21 d) 7/8 2. Which of the... 0/2 Points] DETAILS Let z be a random variable with a standard normal distribution. Find the indicated probability. (Round your answer to four decimal places.) LO USE SALT P(-2.12 S z S -0.49) = -1.96... How many years would it take for a debt of \$10,643 to grow into \$13,736 if the annual interest rate is 3.9% with daily compounding? Round your answer to the nearest tenth of a year. a motor armature is to be turned to a diameter of 9/16 inches. express this diameter of 9/16 inches. express this diameter of 9/16 inches. problem . (a) Is (0, 1, 5, 4, 4, 4, 6, 7) the parent sequence of some tree? Explain. (b) Find the tree T whose Prufer code is (0, 1, 5, 4, 4, 6, 7). Verify that you found the right t... how to get equation 2 from 1 explain step by step . Solve of (1) - Xt = 0.89(1) + 2.5. CAR Sinh X R Formulate a Linear Programming model, and solve it on Excel using the Solver. Please attach the excel file to this question.. Pristine Carpet producers in the regi... Explain how to interpret the value of the numbers is 125. If four of the numbers are 119, 132, 135, and 102, what is the fifth number? grade 12 advanced function. Q. solve each equation. 5) $6^* = 29$ (to 1 dec. place) 4 9) $2^* - 5 = 10(3^*)$ (exact base 10) 2) 7 X - 3 (7 - x) = 0 3 3 i) Jog, x + log, x = log, 81 Determine whether the credit card numbers are VALID or NOT: 4417-5486-1785-6411 5164-8295-1229-3674 2. Determine whether the given is a VALID ISBN or NOT. 978-0-281-44268-5 978-0-671-... Current Attempt in Progress Divining dimension of the object? Round your ans... the value of a car is decreasing by 8% each year if the car is worth 12, for . The cube root of any negative real number is negative. There were 1420 doctors working in a city on 1 January 1994. After n years the number of doctors, D, working in the city was given by: 000 today what will it be worth in 2 years A universal statement asserts that a certain property is D=1420 + 100n a) (i) How many doctors were there... Consider the line integral (0, 0) f (5x + 2y) dx + (2x - 8y3) dy. (-1, 1) Show that the given line integral is independent of the path. aiyfix + 2V) = $|\cdot| = \%(2X - 8y3)$ holds throughout the xy?... The kindergarten class needs some stools. There are 83 legs available in the workshop. Using all the legs, how could lan and Jennifer make the greatest number of stools with a combination of 3 and 4 l... Question 2: Consider the following optimization problem: min f(x). where f(x) = E |x - ZI|. (2) At x^* , we see $Z^* +$, independent of x], ..., x^* . Q2.a Describe the stochastic subgradient method for solvin... can you answer this. To bake one cake, Drew uses 18 ounces of flour. He has 850 ounces of flour. Let yrepresent the ounces of flour left and x represent the number of cakes he has baked. When the situ... need some help please. Problem 3: Suppose that X, Y ~ Exponential() are independent exponential random variables. Let R = (X, Y) be the ran-dom variables. Let test marks out of 25 of a statistics class is 15.00, s2 = 25.80 and s = 5.08, what are the new mean, variance and standard deviation if they are converted to percentages? SMA Samsung Z Flip 3 reviews (raw data) Perform the text -Parsing procedure sas enterprise miner tools. Question : analyse and interpret the results of this procedure . Results - Nod... what is the answer. Problem 2: It was November 2015 and the president of BG Corporation wanted to find out if the company's loan worth P4 Mi... Cost per Mile = Number of Miles 1. Alicia Whitman rented a minivan for her vacation. It rented for \$67.99 per day plus \$0.41 per mile. She used the van for 7 days. She paid \$114.20 for gasoline during... Let F(V,E) is a tree. (b) 1"(V,E) is a tree. (b) 1"(V,E) is connected and |E| S n - 1. Evan's savings account pays interest of 1.25%. Interest is calculated on the daily closing balance and paid at the close of business on the last day of the month. Evan's account balance on July 1 was ... What are research examples for z test, t-test and ANOVA? What are the variable involved with each and how are they measured? need help with 4a I dont mind if theres just process, need partial credits for this problem 23:35 Laplace and Fourier transforms 1. Write the following code in SCILAB that represents a Fourier series and draw its respective graph. Distinguish the elements of the series. $v=1/4+((2/\% pi)*cos(... the right angles triangle shown has horizontal and vertical sides measuring (4 + <math>\sqrt{2}$) cm (2- $\sqrt{2}$) cm respectively The buyer for Woodward's expects a 13.0% increase in sales over last year's volume of \$148,000.00. Last year 21.0% of the sales occured in September. Project the planned sales for the coming September... 1.Compute the total cost per year of the following pair of expenses. Then complete the sentence: On an annual basis, the first set of expenses is % of the second set of expenses. S... Consider a binomial experiment with / = 5 trials where the probability of success on a single trial is p = 0.45. (a) Find P(r = 0). (b) Find P(r = 1) by using the complement rule. Step 1 (a) Find P(r ... Construct a multiple-choice test using Krathwolh's 2001 revised cognitive domain. The weather channel (TWC) is one of the most popular cable TV networks. The number of viewers varies greatly according to geographic region and the current weather conditions. Random samples of cable ... need help with 10.41 and 10.42 please show steps so that I can understand, Thank you . TENSORS 10.40. If A, and B, are the components of two covariant vectors, show that the outer product Cy = AB, a... 57\% of all US households have someone available to answer unsolicited calls. Assuming that households answer (or not) independently of one another, what is the probability that calls to exactly two r... Erin is a doctor and earns \$18 400 per month. Erin will be taking four weeks' annual leave. During this time, she will receive 17.5% annual leave loading on four weeks' pay in addition to her regular ... Is the set S = { k such that |W k| < 99 } an r.e. set? Is it recursive? Prove both. Last year, Kevin Simmons purchased a \$1000 Washington Utilities corporate bond with an annual interest rate of 8.25%. The bond's current market price is \$1070. Calculate the following. If ... pick any 500 companies of your choice in a seperate exceel sheet, and plot the frequency distribution with the industry name . discuss the nature of your distribution and draw a conclusion. what are samples of visual resource kit, with possibilities for mathematics integration for Grade R? Complete the parametric equations of the line through the point (-7,8,-6) and perpendicular to the plane -2:c-5y-3z = -1 a:(t) = -7-2t ya) = :1 w = :1 A men's magazine surveyed 600 readers about their facial hair. . 85 had a moustache? Use a Venn diagram and set notati... Please help with the following, it is for my discrete structures class. Thank you in advance.. Question 4 4 pts For the following binary relation allayr <--> 412 + ya = 22 on 2, pick the ordere... Hint : express x, y, and z as functions of a parameter t, then x=x(t), y=y(t), and z=z(t)). You will get three Euler equations. Continue from there... Review the g... Consider the following argument. Yassy and Aika go to the library only if Aika not going to the town. If Yassy
does not go to the bookstore then Aika will go to the town. Yassy does not go to the bo... Janet Woo decided to retire to Florida in 7 years. What amount should Janet invest today so she can withdraw \$55,000 at the end of each year for 20 years after she retires? Assume Janet can invest mon... Smells like team spirit. A losing basketball team at your school has recently suffered a large slump in attendance at games. Suppose, 1200 students attended the next game... The following data represent salaries, in thousands of dollars, for employees of a small company. Notice the data have been sorted in increasing order. 24 25 25 27 27 29 30 35 35 35 attended the next game... The following data represent salaries, in thousands of dollars, for employees of a small company. Notice the data have been sorted in increasing order. 24 25 25 27 27 29 30 35 35 attended the next game... The following data represent salaries, in thousands of dollars, for employees of a small company. Notice the data have been sorted in increasing order. 24 25 25 27 27 29 30 35 35 attended the next game... The following data represent salaries, in thousands of dollars, for employees of a small company. Notice the data have been sorted in increasing order. 24 25 25 27 27 29 30 35 35 attended the next game... The following data represent salaries, in thousands of dollars, for employees of a small company. Notice the data have been sorted in increasing order. 24 25 25 27 27 29 30 35 35 attended the next game... The following data represent salaries, in thousands of dollars, for employees of a small company. Notice the data have been sorted in increasing order. 24 25 25 27 27 29 30 35 35 attended the next game... The following data represent salaries, in the salaries of the next game... The following data represent salaries of the next game... The following data represent salaries of the next game... The following data represent salaries of the next game... The following data represent salaries of the next game... The following data represent salaries of the next game... The following data represent salaries of the next game... The following data represent salaries of the next game... The following data represent salaries of the next game... The following data represent salaries of the next game... The following data represent salaries of the next game... The following data 35 36 38 38 39 39 40 ... Un gerente de ventas reunió los datos siguientes relacionados con las ventas anuales en miles de pesos y los años de experiencia; Y: Ventas anua... For each of the following pairs of functions, either f (n), f (n), f (n), or f (n), or f (n) = Θ(g (n)). Determine which relationship is correc... - 1 hour 1/19 QUESTION 18 . 1 POINT Deshaun and Marsha sign on a \$175, 000 mortgage with a 4.4% annual interest is paid in month... Test: Test #2 Question 12 of 13 e price of a carpet was reduced by 80%. If the original price was \$110, what was the amount by which the price was reduced? e reduction was \$ ype an integer o... the answer. ACTIVITY 2 E2 During a sale, every item in a store is 80%% of its regular price. of the regular price of a T-shirt is \$10, what is its sale price? 8 - 010 10 8.0 The regular price of five... Given the quadratic shown below, identify the following things. a. The vertex [1 mark] b. The x intercepts [2 marks] c. The y intercepts [2 marks] d. The axis of symmetry [1 mark] d. The axis of symmetry [1 mark integer. Prove that n-5 is odd if and only if n^2 -1 is odd. Find the general solution to the linear system of ODEs x' = (14 fax, and discuss the general behavior of the solution as t -> ion using a phase portrait. Kindly help me answer this question Is the binary relation ≥ complete on the set of complex numbers? please assist. 14 16 17" 2 13 3 13 11 10 A C E q Eulerize the graph above in the most efficient way possible. The weights on the edges represent the cost to duplicate that edge. What is the total... Find $2^{-2} = 0$ at (1, 1) b) $y^{2} = x^{2} + 4$ at (2;0) 2 Show that the average cosine angle is given by u 3A Take me to the text The following accounts balances were taken from Micro Company's general ledger on December 31, 2016. Account Balance Chalmers, Capital \$11,180 Accounts Payable \$12,400 Prepaid Expe... (10 points) In a mathematical model, only one of the following constraints should be active (effective). How can this be achieved? (Either-or constraints) $2 \times 1 + 3 \times 2 \le 20$ 5×1-2×2 ≤ 15 Given a sequence of points #1, ..., In, isotonic regression seeks to fit a piecewise linear non-decreasing function that is as close as possible to the observed points. To obtain an isotonic regression... Sir i am stuck for this question R=1. (a) Let f (x) = = x+R for x # 2. 2-X (i) Determine the inverse function of f(x), i.e. f-'(x). (ii) Find the function g such that (go f) (x) = In(x2). 1.- PROBLEMA DE ASIGNACION. (UNIDAD III) Un servicio nacional que renta automovil en cada una de las... A clothing distributor purchases a machine for \$184,000 less discounts of 8% and 5%. The distributor then sells the machine to a client at a price, which include: 33% profit on cost and overhead expen... 10-7. + Two different formulations of an oxygenated motor fuel are being tested to study their road octane numbers. The variance of road octane number for formulation 1 is of = 1.5, and fo marketing campaign has a goal of mobile apps installed on 8,000 consumers' devices. Market testing has shown that the expected CTR is 20% and the engagement rate is 5%. If the CPM for your di... Suppose you are one of 19 people at a dinner party. Find the probability that at least one of the other guests has the same birthday as you and that some pair of guests share the same birthday. Assume... The purpose of this assignment is to apply math concepts from this lesson to common math calculations related to fluid balance in the veterinary setting. Scenario: Karen is tasked with the demand functionQ1 = 240-12P1+4P2 whenP1 = 10 and P2 = 7. Question 2. Write down a diminishing returns to scale... There are two types of boxes containing mangoes. Fin... Discuss the following methods in evaluating higher order determinants. 1 Transformation to Diagonal Determinant 2. Provide book reference. Doug has to determine how long he has to contributing \$600 every 3 months into a fund paying 3% APR. San Juan High School of Moalboal, Cebu Inc. School I.D. 404373 S.Y. 2020- 2021 2nd QUARTER PRELIM EXAM IN MATHEMATICS 9 Name: James Louise T . Violon Section: St . blaise. Score: DIRECT VARIATIONS (5p... Prisoner's dilemma. Two people are suspected of robbing a bank. They are being interrogated in separate rooms. If both stay silent, they can be convicted of a lesser crime and sentenced to only 06 mon... need help can someone help. In 1998, the percentage of 18- to 29-year-olds who used the Internet was 7... Annie graphed a quadratic function with the vertex (2, -9) and the y-intercept of 7. Write the equation in Vertex Form for her quadratic function. Let {Px(2)} and {PR(1)}, k = 1, 2, 3, be two primary sources with tristimulus coordinates (7,) and {TK}, and white sources, show that K... Problem 1 (10 pts). Consider an algorithm computing the SVD A = U ZVH of a given matrix A in floating point, where U and V are unitary, and 2 is diagonal. a) What is the formal statement of the backw... A research team collects a random sample of n observations: y1, V2, ..., yn. The sample average is Vn =- Ziziyi Prove or disprove: Et-1(Vi - Vn)? = Etzryt - nyh. This n problem is worth 60 points. ... Can you teach me how to calculate this?. Question 17 (2 points) Listen Calculate this? the amount of money that was loaned at 6.00% per annum for 2 years, if the interest charged was \$1,296.00 Round to ... asap help. A sprinter can run 319 feet 1 seconds 1 foot O 319 feet 1 seconds Instructions From the initial equation, (1tin - 1 PVdef = RX i(1 + i)ntd 1. Prove using algebraic manipulations and logarithmic operations that the periods of deferral can be solved using the formula... 10:38 41 0. gawain7.jpg ZZ ... Pamprosesong Tanong: 1. llan ang quantity demanded sa presyon gPhp6.00? 2. Ano ang naging pagbabago sa quantity demanded nang tumaas ang presyo mula Php8.00 papuntang P... Grace is going to the carnival that has games and rides. Each game cost \$1.50 and each ride cost \$2.50. Grace spent a total of \$16.50 at the Carnival. Number of games she played was twice the number o... Using an energy-transformation equation, show how energy is transformed for each of the following: (a) A truck is accelerating on a highway. (b) A battery-powered lawn mower is used to cut... I can't understand for this business mathematics question. OUESTION 1 Mr. Helmy received a 120-day promissory note for RM20,000 which matures on 2nd August 2021 with a simple interest rate of 5% per a... calculate the monthly payments for 2 of these options given that interest is compounded monthly. 2. what is the total amount that must be paid for each of the 2 options you chose? 3. In the 2 optio... Some one help?. Problem 1. Let (Q, 3",]P') be a probability space. Recall the RV. X is called simple, if there exist A1, ..., An E 3'" and b1, ..., bn E IR such that X = 2:1 b,]1{Ai}. Note ... ***Please show step by step solutions with formulas and calculations*** Consider 3 payment schedules (3 loans) - (i) pay \$1,000 at the end of the first year and \$1,000 at the end of the second year (t... Let . Prove that n-5 is odd if and only if is odd. Provide the appropriate proof. Encuentro la grafica de las desigualdades lineales. (5 ptos. c/u) a. 4x - y > 3 b. -2x + 3y < 12 C. -3x - 4y < 24 I Let B = {0,1} and consider the function f: N - B given by 1 ifn > 0, f(n) =) 0 otherwise. (a) Show that for all a, be N: (i) f(a + b) = max{f(a), f(b) } (6 marks) Fr... Apply three iterations of the cutting plane method to miny - X subject to x ty > 1 x < 2 yz ex . A freight company, located in ipments by two
corporations. A and B, that are located in the same city. Corporation A ship boxes that weigh 3 kg each and have a volume of 2 m cubi... A local furniture store recently introduced price changes for several of the items that it carries. Use the table below to answer the following Percent Change in Price i... Consider the system -3 3 * = 4 1 x + 0 2 -4 y=[5 0 ox a. (5 pts) Design a full state feedback law u = -Kx + v so that the closed loop system has eigenvalues at -8, -8, -8. (You may use Matlab to ass... Problem 26: (4 points) Partial Differential Equations XIV We want to solve the three-dimensional Poisson equation V2 u = p. (2) in the volume between two infinitely large and thin conducting plates in... (15) 2a. Devise an algorithm that determines whether an integer > 3 is prime or composite. 3 if &x2 X notall Not, prime valves prime else if besides 2, 3 chaked prime b. What is the best O-nota... Question 12 of 20 Payments of \$1,700 in 1 year and another \$2,300 in 5 years to settle a loan are to be rescheduled with a payment of \$1,000 in 15 months and the balance in 30 months. Calculate the pa... Pregunta 1. (4 puntos) Las cantidades ofertadas por las soluciones del siguien... \U I'ICII no} c) Find counterexample to show that the statements are false. i. There exist three integers x, y, 2, all greater than 1 and no two equal for which at" = y'. (2 Marks) ii. V integerm ... Create a spinner or use a virtual one. Spin it 4 times, 32 times and create a line plot for where it lands (should be a total of 32 x's on line plot) and follow the instructions on how to use it in th... Determine whether the equation cos Boot B = sin B - sin B is an identity. State any restrictions on angle B. 7. Prove cach identity. State any restrictions on the variables if all angles vary from ... Develop an expression for an electrical field with the presence of space charge distribution in the domain shown in Figure (using the Green's function method). Note that U is the electrical potential,... Part C: Problem Solving 1. Find the equation of a rational function with all the following characteristics, (4 marks). It has a vertical asymptote at x = 3. It has a vertical asymptote at x = 3. It has a vertical asymptote at x = 3. It has a vertical asymptote at x = 3. It has a vertical asymptote at x = 3. It has a vertical asymptote at x = 3. It has a vertical asymptote at x = 4. It (a) Show that f is continuous. (b) Show that f is differentiable, and calculate f'(x). (c) Is f' c... please help this super confusing . -38-1 Enter the matrix (1{] -2 -8}), using correct syntax. How to enter your answer: The Maple syntax for a 3 x 3 matrix is: Matrix([[a, b, c],[d, e,f], {g... O Linear versus Exponential Growth (help video available) 1, Bill earns \$45,000 per year at his job. His boss offers him a \$1400 raise each year as long as he stays. Write a linear model to show this.... fest 1: Solve the following word problems involving quadratic equations. (5pis each) The product of two numbers is 18 and their sum is 9. Find the numbers. 2. Mark and Ben can finish cleaning the back... Any help would be appreciated! I am totally lost . (a) Write out in full the shortest s, t—path IP for the following graph: (b) Some of the constraints corresponding to s, t—cuts in the formul... The door is supported by the hinges along line BC. A force of T = 340 N is applied to the door at point A and acts along line AE. Point E lies along the midpoint of the horizontal upper edge of the sup... business mathematics. "5 % " is written in a form called Whole Number Fraction Mixed Number Please answers 1. Which... Help me with this question Is the binary relation \geq complete on the set of complex numbers? STATEMENTS REASONS 4(x+1) - 2x = -6x + 6 + 14 Distributive property 2x + 4 = -6x + 20 Combining like terms 8x + 4 = 20 Addition property of equality 8x = 16 Subtractio... the ones in english. Penyelesaian secara lukisan berskala tidak diterima. Rajan s menunjukkan tiga ABC. Solution by scale drawing is not accepted. Diagram 3 shows triangle ABC B(- k, 3k) A(3, 7) O X C... step by step pleas. Using the following conversion between the metric and U.S. stems, convert the meaurement. Bound your atmwer to } ardnol plocri oi needed There are 4 ounces In a cup, 2 cups in a pi... mathematics economic and business. 5. (a) Plot the graph of the quadratic y = x(10 - x). Mark in the points of i... please note: acres is 6,000 . Write the mathematical model and use Solver to answer the following question: Afarm co-op has 6,000 acres available to plant with corn and soybeans. Each acre of cor... Sir i am stuck for this question ... (2 points) The following initial value problem is given for modeling the movement of a shock absorber. my" + cy' t ky = F(t), y(0) = 0, t = 0, y'(0) = 0, t = 0, y'(0) = 0, t = 0, exams must I grade to ensure that at least four students have received the same grade? Just finish part b, I wrote part a just to clarify b. Dunkan donuts to produce each morning. Donut produc... Problem 2. Distance measures (a) What is the relationship between the distances obtained from the minkowski distance measures when r=1, r=2, and r=infinity? (Which one is smaller and which one is gr... REFERENCE: SHOWN ABOVE QUESTION: JUST COMPUTE ON PAPER, PLEASE TUTOR. TEST II : COMPUTATION: Give at least 5 each far distance and near distance at you own choice number using short range for... explain your answer in detail. . The profile below shows the preferences of voters in an election with 3 candidates (A, B, and C). Number of voters in an election with 3 candidates (A, B, and C). Calgary, Alberta: 3557 ft b. Halifax, Nova Scotia: 477 ft C. Amb... business mathematics. Question 42 (1 point) Last year, net profits of Herd Inc. were two-sevenths of revenue. If the company declared a dividend of \$128000 and five-ninths of the net profit was retaine... taxes? 24. Estimating a tire warranty. Chuck bought new tires for the en-Nerd Herd company car that are guaranteed for 42,000 miles. If he drives 11.5 miles each way to work five days a week and ... NCFE Level 2 Functional Skills Oualification in Mathematics (603/5060/X) Tom has an ice cube. Each side is 2.5 cm long. Estimate how long this ice cube will take to melt. 2 (c) The triangular faces... the number of water molecules in 1 gram of water is 3.34 x 10^22, how many molecules are in 25kg of water. Express in scientific notation Question If the probability of taking a math class is 0.70, the probability of taking a math class is 0.70, the probability of taking a math class is 0.70, the probability of taking a math class is 0.70, the probability of taking a math class is 0.70, the probability of taking a math class is 0.30, and the probability of taking a math class is 0.15, what is... I Many teachers have a collection of small cubes that can be snapped end-to-end to make "trains" of cubes. The cubes come in various colors. a. Describe how to use snap-together cubes in ... What is the important tool in the field of science, humanities Winding number of the winding number of the science. arrows as you travel once around each of the equators. The windin... Suppose we are training a 2-dimensional linear regression model (P2) min f(x), $f(x) = E(a T x - b) 2 \cdot 1$. Suppose we are training a 2-dimensional linear regression model (P2) min f(x), $f(x) = E(a T x - b) 2 \cdot 1$. Suppose we are training a 2-dimensional linear regression model (P2) min f(x), $f(x) = E(a T x - b) 2 \cdot 1$. Suppose we are training a 2-dimensional linear regression model (P2) min f(x), $f(x) = E(a T x - b) 2 \cdot 1$. Suppose we are training a 2-dimensional linear regression model (P2) min f(x) = E(a T x - b) 2 \cdot 1. Suppose we are training a 2-dimensional linear regression model (P2) min f(x) = E(a T x - b) 2 \cdot 1. $3t_2,41n(3t) > Find a parametric equation of the line tangent to F(t) at the point (-6, -2, 4.111(3)) \dots$ Use an integral to complete the following problems: (4 pts each) a. Find the area of the shaded region. y = x2; [0, 5] YA 30 y = x2 25 20 15 -2-1 0 1 2 3 4 5 6 X b. Find the area of the shaded regio... You scan the rest of the questions in this assignment and decide it is time to get back to your music career. You are now in a band called The Inclusions. Each song is now defined by a single sequence... I don't get it. 2. Given the same scenario, how
many 1/4 inch cubes would it take to cover one whole side of the larger cube How many pigs got Julio if he have 120 and his mother want to cook 30? Give an example of a relation that is NOT a function. 2. The oven was at room temperature 70 °F. Just after it was turned on, the temperature rose 40 °F per minu... Please provide Handwritten answer. Prob. Consider the die. (xy') + (xy = 0 4 10) = 0, you = 0 The exact sol is y = Jo tux) Bessel fo of I kind ordero where u = 2.4048 Suppose you don't know the exact... Graph the following polynomial function $f(x) = 2(x - 4)^2(x + 1)$ g(x) = -0.5(x - 2)^3 (x - 4) Let f1, f2, ... be a sequence of Lipschitz continuous functions on [0,1] with Lipschitz constant less than one, and fn \rightarrow f uniformly (i.e. $\| fn - f \| \rightarrow 0$ as $n \rightarrow ?...$ U1 1 mark each. Attemp any 16 questions. B consists of 20 questions. C consists of 10 questions. C consists of 10 questions. C consists of 10 questions as many landscape photos as many landscape photos as abstracts. Abstracts sell for 30 / ph... Please give a detailed answer so I can learn from it thanks. 6. just use the formula but with y = 0.025 and n = 6 to get : 150, 000 x0.025 x (1-1/(1+0.025)6) = 27232.50 inual 5. Assume you have a zero... you can get help from chapter 5 topic binomial distribution from book Probability and statistics for engineers and scientist Ninth edition. Q 1 (a); A property advisor in a city claims... do it fast. . Compute p (y? - 2?) de + (x2 - y?) dz, where C is the curve cut out of the boundary of the cube 0 < x < a, 0 < y < a, 0 < zza by the plane a + y + z = ga (sp... Advanced Math LA207. Describe an affine transformation fo H of-1 where Ho denotes a homothety with the center O E A? and the coefficient A E R, and f: A2 -> A2 is some arbitrary affine transformat... please help assignment 3 question 14. Convert the decimal number (110.75), to the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE representation you... Permintaan terhadap sejenis barang berdasarkan hasil penelitian pasar ditunjukkan oleh data berikut: Harga Per Unit (P) Kuantitas barang yang diminta (Qd) 3 5 9 50 40 20 Bila persamaan garis permin... I choose the word liner equation please do as the description. Instructions: . CHOOSE a term from from Chapter 8 Vocabulary List. It must not be the same as another student's chosen word. . Part A: gi... Si la curva de demanda esta dada por la ecuacion Qd+11p=-600 y la curva de oferta esta por 0=11p-150.-Qs a) Halle la cantidad y precio de equilibrio b) construya las gracias que muestran El equilibr... Demonstrate how to use excel to encrypt or code a message using matrices and their inverse. Hi, please help i am not sure how to solve by using Cramer's rule. 3 x1 + 5 12 = 5 -11 - 2 19 = Number = N habits? Explain ho... Richard needs to borrow \$35,725 and has narrowed his search for a loan to two banks. The first bank offers 54-month sim... I Question 25 0 out of 1 points Cartons of milk in a store are labeled "2% milk" or "98% fat free." The data for 1 cup of whole milk shows it has 8 g of fat while 1 cup of 2% milk ... A tennis player his a serve. the length from their shoulder to their shoulder at 2016... (6 marks) To find the unique solution 19* E [0, 1] of the equation 11:3 + 83: - 6 = 0, you can try to rewrite the equation in the fixed—point form :1: = 9(3)). You are to choose the function g s... Thank you!. Due in 2 hour Write the slope-intercept form of the equation of the line shown in the graph. 10 -9 -8 -7 -6 -5 -4 -3 -2 -1 2 3 4 5 6 7 89 16 Please answer in an hour! Help Please! Chiz-E-pizza, a family owned pizzeria, is famous not only for its innovative flavors, but also for delivering incredibly on time. However, during the last few we... Let X be a set. Recall that we call P C 900 a partition of X if X=UA AEP and A1 #A2 = 0 for all A1,A2 E P with A1 #A2. Prove the following: (a) For each x E X, there exists A E P such that x E A. (b)... Determine the domain and range of the quadratic function. $f(x) = -2(x+9)^2 - 7$ Enter your answer in interval notation. To enter ∞ , type infinity. Domain: Range: next number in inductive reasoning. 1, 4, -9, 16, -25, ? can someone help me understand what G.M.C is thanks A child builds a tower of 13 identical cubic building blocks. The total height of one x, type infinity. block, in cm, giving ... Restate the below standard maximum problem as a canonical minimum problem. Find the optimal interger solution using Gomory's Method $.51x_{+} + 50 \times 2 + 50 \times 3 < 100$, x; 2 0 150x, $+ 100 \times 2 + 99X3 = max$. Un recipiente rectangular de almacenaje con la parte superior abierta tiene un volumen de 10 m 3, donde el largo de su base es el doble del ancho. a) ¿Cuál es la variación (incremento o decremento... Shining Printing House, owned by Angel, had the following: Cash in bank P300,000 Printing e Pu6ip0m0,e0n0to Binding eq uPi1p5m0,e... Consider the following transaction in February 2016. Feb 1 - Angel invested the following transaction in February 2016. Feb 1 - Angel invested the following: Cash in bank P300,000 Printing e Pu6ip0m0,e0n0to Binding eq uPi1p5m0,e... Consider the following transaction in February 2016. Feb 1 - Angel invested the following: Cash in bank P300,000 Printing e Pu6ip0m0,e0n0to Binding eq uPi1p5m0,e... Consider the following: Cash in bank P300,000 Printing e Pu6ip0m0,e0n0to Binding eq uPi1p5m0,e... Consider the following transaction in February 2016. Feb 1 - Angel invested the following transaction in February 2016. Feb 1 - Angel invested the following transaction in February 2016. Feb 1 - Angel invested the following transaction in February 2016. Feb 1 - Angel invested the following transaction in February 2016. Feb 1 - Angel invested the following transaction in February 2016. Feb 1 - Angel invested the following transaction in February 2016. Feb 1 - Angel invested the following transaction in February 2016. Feb 1 - Angel invested the following transaction in February 2016. Feb 1 - Angel invested the following transaction in February 2016. Feb 1 - Angel invested the following transaction in February 2016. Feb 1 - Angel invested the following transaction in February 2016. Feb 1 - Angel invested the following transaction in February 2016. Feb 1 - Angel invested the following transaction in February 2016. Feb 1 - Angel invested the following transaction in February 2016. Feb 1 - Angel invested the following transaction in February 2016. Feb 1 - Angel invested the following transaction in February 2016. Feb 1 - Angel invested the following transaction in February 2016. Feb 1 - Angel invested the following transaction in February 2016. Feb 1 - Angel invested the following transacting transaction in February 2016. simple graph (right). g (a) (6 pts) What are the strongly connected components of the directed graph? (You can just circle them if yo... Table below gives the values of tanx for 0.10 S x 5 0.30. X 0.10 0.15 0.20 0.25 0.30 y = tan x 0.1003 0.1511 0.2027 0.2553 0.3093 5. tan(0.12) will be (a) 0.0205 (b) 0.1205 (c) 0.2662 (d) 0.3662 6. ta... Please show al work!. Let X be a set and A, B C X. Prove the following are equivalent: (a) ACB. (b) X - BCX -A. question 3 . This the the FISCAL 2020: Q3 RESULTS of Darden Restaurants. Below the table you will find a series of statements/questions to be completed/answered.... Can I please get help with this math assignment for questions 2,3 and 4! Please show all your work for the questions. Thank you . [4 marks] 0 3) Is it possible to have a pipe with an outside diameter... Consider the set A = {&, %, \$, #, @}. Choose a subset of A, and write it in list form. Write the power set of your subset. In your own words, discuss how the power set you created in part (b) re... 1)Solve the system of equations. Give your answer as an ordered pair (x,y) {y=6 {3x-5y=-9 2}Solve the system of equations. Give your answer as an ordered pair ((x,y) {x=1 {6x+4y=-6 3}Solve the system of equations. Give your answer as an ordered pair ((x,y) {x=1 {6x+4y=-6 3}Solve the system of equations. Give your answer as an ordered pair ((x,y) {x=1 {6x+4y=-6 3}Solve the system of equations. Give your answer as an ordered pair ((x,y) {x=1 {6x+4y=-6 3}Solve the system of equations. Give your answer as an ordered pair ((x,y) {x=1 {6x+4y=-6 3}Solve the system of equations. Give your answer as an ordered pair ((x,y) {x=1 {6x+4y=-6 3}Solve the system of equations. Give your answer as an ordered pair ((x,y) {x=1 {6x+4y=-6 3}Solve the system of equations. Give your answer as an ordered pair ((x,y) {x=1 {6x+4y=-6 3}Solve the system of equations. Give your answer as an ordered pair ((x,y) {x=1 {6x+4y=-6 3}Solve the system of equations. Give your answer as an ordered pair ((x,y) {x=1 {6x+4y=-6 3}Solve the system of equations. Give your answer as an ordered pair ((x,y) {x=1 {6x+4y=-6 3}Solve the system of equations. Give your answer as an ordered pair ((x,y) {x=1 {6x+4y=-6 3}Solve the system of equations. Give your answer as an ordered pair ((x,y) {x=1 {6x+4y=-6 3}Solve the system of equations. Give your answer as an ordered pair ((x,y) {x=1 {6x+4y=-6 3}Solve the system of equations. Give your answer as an ordered pair ((x,y) {x=1 {6x+4y=-6 3}Solve the system of equations. Give your answer as an ordered pair ((x,y) {x=1 {6x+4y=-6 3}Solve the system of equations. Give your answer as an ordered pair ((x,y) {x=1 {6x+4y=-6 3}Solve the system of equations. Give your answer as an ordered pair ((x,y) {x=1 {6x+4y=-6 3}Solve the system of equations. Give your answer as an ordered pair ((x,y) {x=1 {6x+4y=-6 3}Solve the system of equations. Give your answer as an ordered pair ((x,y) {x=1 {6x+4y=-6 3}Solve the system of equations. Give your answer as an ord gives 3.23, 4.756 gives 4.76). The decimal se... A car worths \$70 000 now and its value depreciates at a constant rate of 15% per year. Find the minimum number of years for the value
of the car to depreciate to less than \$36 600. please assist. STION FOUR Melisa wants to buy a laptop which costs R10 790. Since the does not have the ful amount of money to pay Gosh, she makes a deal with the seller. Melisa will pay 15% of the pr... question 3 and 4. 2–11 FOURIER TRANSFORMS BY INTEGRATION Find the Fourier transform of f(x) (without using Table III in Sec. 11.10). Show details. 2f" {em if -1 < x < 1. x = 0 otherwise 3f() ... Choice 2: Demonstrate how to use the HLOOKUP function in Excel. This is similar to the VLOOKUP activity from Tutorial/Workshop #7. Use the worksheet labeled "Hlookup". Part a: demonstrate us... Sir i am stuck for this question . 2 4) [13 Points Total] 1 4x -1 (a) Use the Midpoint Rule with n = 2 to find the approximate value of dx. Write your 4x + 1 answer as a single fraction. 1-0= 1 / 2-... please provide an in depth solutions to these questions. Question 3: Describe the subdifferential of the function $g: R^* = R$ defined as $g(x) = |-x1 + 2 \times 2 - 23|$. Question 4: Consider the problem n ... A \$1000 face value, 7.6% coupon bond pays interest on May 15 and November 15. If its flat price on August 1 was \$1065.50, at what price (expressed as a percentage of face value to the nearest 0.01%) w... for this partice question there I have some idea couldyou help to. (7) Let I be a line through 0 in R and a > 0 be any angle. Let Fi be the reflection nin I and Ra be the rotation by a around 0. ... Hello I'm in need of help in calculating grades. Specifically g.p.a., I've included all my grade and g.p.a for all terms leading to fall semester. I need to know how bad my g.p.a will be effected ... This is for aerospace and aeronautical engineering question. A training aircraft is defined as having ... Please do not copy from other links or websites. The solutions on other links and websites is incorrect.. Problem # 3 "Alternative theory of solving linear systems." Consider non-autonomous lin... For the following graphs please indicate: • The type of function being represented • The values for the variables in the function (as specified under the type of function being represented • The values for the variables in the function (as specified under the type of function being represented • The values for the variables in the function (as specified under the type of function being represented • The values for the variables in the function (as specified under the type of function being represented • The values for the variables in the function (as specified under the type of function being represented • The values for the val variable of degree 2 that can be written in the standard form, ax? + bx + c = 0 where a, b, & c are real numbers and a # 0. a. Linear Equation c. Quadratic Equa... (20 points) Using a subset of the BRFSS data (so you can do this question without R), the following coefficients are estimated in a logit model where FluShot depends on \$Age\$, \$Age^2\$, Female, a... Consider the competing species model it = = (a1 - bix - cry) dy dt = y(a2 - bay - c2x) Recall that all the parameters are positive. Apply Dulac's criterion with the weighting function B(y) = - to show t... to find the answer. (c) Gambar foto di bewah menunjukkan sebuah kotak biasan yang berbentuk kubus. Setiap luas permukaan kotak itu jalah 2500 mm. The photo shows a decorative cubic bar. The area of ea... Question # 53: Consider the following, and write all your results up to five decimal ... Refer to Exhibit 3. the accounting for lPhone sales under old "subscription accounting" standard. Describe and justify the complex journal entries of sale of a phone under at the sales quarter ... help me with how to know what to count on the double number line . Date Mr. Miles walked - of the trail did Mr. Miles advanced grade 12 functions. A 18 SKETCH GRAPH OF THE GIVEN FUNCTION SHOWING ALL THE RELEVANT CATEGORIES USED IN CLASS 6 a) $y = x c^2 + 2x - 3 10$ $4 = 25 + x - 9x - 9 27 - 4 \times 3 + 472$ step by step. -8 -7 -6 -5 4 -3 -2 -1 0 1 2 3 4 5 -1 2 rise = run = Show that the given set and cardinality of $\aleph 0$ by establishing a one-to-one correspondence between the elements of the given set and the elements of N . {1, 1/5, 1/25, 1/125, ..., 1/5n-1,... Hi, I am in difficulty when I kept trying to do this question? Thank you so much. <Reference>. Theorem 3.2.11. For any positive integ... (20 Points) Consider the process Xt = t' + (t + +3)S + Zt, in which St is a deterministic process satisfying St = St-a and St + ... + Sitd-1 = 0. (a) Consider the seasonal difference Va = 1 - Bo, ... 4.2 - Assignment - Common Factor the following: a. $4m^2 + 3m + 9 + 12m$ b. $16 \times 2 - 12xy + 9y^2$ c. $4ab^2 - 12a^2b - 3bc + 9ac^2$. Common Factor the following: a. 11xy - 9xz b. $4k - k^3$. C. ax^2z ... total medals awarded? columns. You may add the reasons for your choices. [Don't confuse (3 marks) rows with columns.] In answering Question 13e, just state ONE formula you would use to get the Grand T... I NEED HELP 1) 2). Provide what is being ask in each item. Write the equation of the following problems and solve for the unknown. Give the Constant of Variation: If r varies directly ... Math 11. Activity 2. Challenge yourself A. State the domain of the following rational functions. 1. f (x) = 77 (2x-9) (x+1) 4. f (x) = 2(x-3) x3 - 1 3+1 2. f (x) = 4x (x-2) (3x-1) (4x+2) 5. f (x) ... Yesterday Luke paid \$41.34 for 53 L of gas. Last week he paid \$41.34 for 53 L of gas. Last week he paid \$37.68 for 48 L of gas. When was the gas cheaper? Question 7. 2-11 FOURIER TRANSFORMS BY INTEGRATION Find the Fourier transform of f(x) (without using Table III in Sec. 11.10). Show details. elix if -1<x<1 2. f(x) to otherwise if a <x <... What are the new things that you learned about the nature of mathematics? Wanjiku pays for a car on hire purchase in 15 monthly installments. The cash price of the car is ksh300000 and the rate is 15% p.a. A deposit of ksh 75000 is made calculate her monthly repayment Solve the following problem.. Find a. simple formula. (no summations involved) for the sum of the entries of the Pascal's triangle inside the upper 11 >< n rhombus. For example, for n = 3, you... (B.) For the Quantitative Variables (1) Choose 1 variable and create a frequency distribution. Describe the features of your variable, (i.e., maximum value, and other important c... one difference between natural language and mathematical language is the degree of precision necessary in communication. slight errors in the use of natural language do not totally destroy the effecti... Una determinada cuerda de acero de guitarra eléctrica tiene una longitud de 1.93 g/m. a) Si la tensión de esta cuerda es de 62.2 N, ¿cuál es la rapidezde onda de la ... Use the information below to answer all questions: At a large company, the attitudes of workers are regularly measured with a standard test. The scores on the test are from 0 to 100, with higher score... You saved \$260 on your new laptop because you brought it online. If it was a 5% savings from the original price, what was the original price of the laptop? Bob is a recent law school graduate who intends to take the state bar exam. According to the National Conference on Bar Examiners, about 62% of the laptop? phenomenon which could be reduced to the "mathematical" theorum: PROBLEMS FOR SECTION 4.3 1. There are 31 envelopes with 3 stickers in each envelope. Seyong calculates the total number of stickers by counting by threes 31 times. Natasha adds 31 + 31 + 31 = 93 inste... Can you show me how to slove problem so I can know how to do it on my own?. 9) Below the table/graph, answer (in full sentences) question 2: In 2014, there were 161,809,242 females in the... Scores on a university exam are Normally distributed with a mean = 90 and a standard deviation = 12. Using the 68-95-99.7 rule, what percentage of students score below 66? Select one: a.32% b.16... Analyze the stability of the equation dy(t) = -3y(t) (2) dt for a second-order Runge-Kutta method (use the Midpoint Rule as your choice), an Adams- Bashforth two-step method, an Adams- Bashforth two-step method, an Adams- Bashforth two-step method (use the Midpoint Rule as your choice), an Adams- Bashforth two-step method, an Adams- Moulton two-... Can you solve this question in-detail I have trouble understanding it!. 2 pdf.pdf - Adobe Acrobat Pro DC (32-bit) X File Edit View E-Sign Window Help Home Tools Engineering mathe... pdf.pdf X Subscrib... [-/1 Points] DETAILS BBUNDERSTAT12 4.3.011.MI. Barbara is a research biologist for Green Carpet Lawns. She is studying the effects of fertilizer type, temperature at time of application, and water Jr2 — 6x + 2 b. Gwen the equation —4 = -2x + 5. Use technology to determine the solution x _ graphically (round to the nearest tenth). Explain your steps and include a sketch. (2 marks). c.... How many ways can 5 pizza toppings be chosen from 12 available toppings? Question #1. Marshall borrowed \$4,859 from Ted to be paid back in 6 years. For the first 4 years, the interest rate on the loan was 3.5% compounded monthly. After 4 years, the rate became 3.3% compoun... Question 15: Assume that the expected spot rate at t = 1 is E (X #\$/'s) = 1.12, what is the short-run intrinsic valu... the object dropped at 16ft.in first second and 80 ft.third.second how many feet would an object fall in twelfth second For what values of the vector~i +~j +~k and ?~i ?~j ? ~j are perpendicular. maurell real. Solve the following problems. 1. Determine whether each pair of statement is logically equivalent. a. pv (p*q) and p b. ~(p - q) and (~p) - q 1 pts (K'x) y KE XA O True O False Submit Show that the following sentences are jointly satisfiable: 1 pts 3x (F(x) A -G(x)), G(a) v -3xH(x), vx(G(x) > H(x)) Domain: 0 F(): G(): H(): a: 0 Submit C... Please check all math to see if everything is correct and if can be put in excel? Thank you It is now September of 2022, and the daycare center has been
successfully operating for 8 months. The ... Please help to solve problem 3. AMS 518 HW3 September 2020 Loss is defined as a function (x, y) of a decision vector $x \in X \subset \mathbb{R}^n$ and a random vector $y (Y \subset \mathbb{R}^n)$ (n n - 1) = n 1 n > 0 JL has P1,000,000.00. He plans to invest it and wants to grow his money to P2,000,000.00 after 5 years. At what interest rate should be invest his money to reach his goal amount? Please refer to the image, this guestion 1. Expression 1. Expression 1. Expression 2. Solve the inequality Not yet answer as fast as you can!. each of the following as a single trigonometric function, and then evaluate it. Use the exact values of the specialty triangles. (3, 3 marks) 2 tan 4 1 TI 4 7 12 a) sin ... evaluate the following definite integral. 1. (9.21) Evaluate the integral. 1. (9.21) Evaluate the integral. 3. (9.21) Evaluate the integral. 3. (9.21) Evaluate the following definite integral. 3. (9.21) Evaluate the integra takes the form . Again from Theorem 6.2, we see that (6.8) is controllable if and only if R(A") CR(B, AB, ..., A"-B]).. (A, B) is reacha... You work for a contracting firm and they will be painting an unusual room that has the following width and height (in that order) measurements for each wall: Wall 1: 18.7m x 3.5m Wall 2: 19.2m x 3.5m ... please help me to answer 2(a) as soon as possible. tq. 2. Given f (x) = $|\sin(x)|$: (a) Find the Fourier cosine series of the function f (x) in the interval (-T, T). (b) Use the solution from part 2(a... Un préstamo de \$4000 se va amortizar por medio de 8 pagos mensuales iguales. Hallar el valor del pago mensual si la tasa de interés es de 34% capitalizable mensualmente. Elaborar la tasa de amortiza... In a community of 800 households. A total of 480 persons with condition X in 80 households. A total of 480 persons lived in the 80 affected households. A ssumi... On Monday, 12 people took 5 hours to clean a number of cars. On Tuesday, 15 people Cleaned the same number of cars. Assuming that all the people worked at the same rate, (a) work out how many hours th... A cube measuring 3 cm on each side holds about 450 dry beans. Approximately how many beans would fit a box with dimensions 12 cm x 10 cm? 1,080,000 800 40,000 800 800 40,000 800 40,000 800 40,000 800 40,000 800 40,000 800 40,000 800 40,000 800 40,000 800 40,000 800 40,000 800 40,000 800 40,000 800 40,000 800 40,000 800 40,000 800 800 40,000 800 800 800 800 800 800 of the students are outstanding, and he begins to think about the possibility that the exam statement could be r... I don't know.. Time left 1:21 Use the information below to answer this question Caffeine (mg) 160 120 80 75 72 65 Time (hours) 0 1.2 1.5 2.0 2.4 3.0 4.0 The amount of caffeine in a person's blood was ... sir he finds that the vast majority am stuck for this question. 8. (8 MARKS) Assume that u and v are vectors in R3 with |7|| = 1 and || || = 2, and the angle between u and v is ". Compute | 27 - 371|. Pls kindly just select the right answers, no need for explanation. I'm time conscious. Thanks. Of The population of winnemucca, Nevadas canbe modeled b P = 6191 /1 04) where t is the number of years ... calculus complex variables. QUESTION 1 BASICS CONCEPTS 1.1 Write the given number in the form of a + ib (1+i) (1-2i) (2+i)(4-31) (4) 1.2 Compute the indicated power (+=1) 10 (4) QUESTION 2 2.1 Sketch ... State your proposed topic and the rationale for your choice. State your topic question or hypothesis. Include survey questions, outline of experiment or source of data. Topic Examples: The higher t... 6 years ago Mary purchased shares in a certain mutual fund at Net Asset Value (NAV) of \$97. She reinvested her dividends into the fund, and today she has 9.5% more shares than when she started. If the... Arguments on why mathematics should not be taught in the primary grades Hi can you help me solve this question. PROBLEM 1: SKETCH v(x) = x*+ 8×3+ 16×2 a) Sketch the function above by HAND and show ALL WORK! . X-intercepts . y-intercepts . y-intercepts . Jegree EB What is a lower-bound for the RIP of a matrix? Grades assigned by an economics instructor have historically followed a symmetrical distribution. Grade A B C D F Percentage 5 25 40 25 5 A sample of 150 grades revealed the following: Gra... 1:] fl e221 H12! For 3:31, find an appropriate number of terms. to estimate exppr.) with an error less than 0.005. (a) The company wants to minimise costs. Solve the problem and find the optimal number of motors, wheels and frames that should be bought and that should be produced by the company itself. Los 40 alumnos de una clase han obtenido puntuación sobre 50, en un examen de física 3 15 24 28 33 35 38 42 23 38 36 34 29 25 17 7 34 36 39 44 31 26 20 11 13 22 27 47 39 37 34 32 35 28 38 41 48 15 3... solve this please. Section 3.4 53 A coffee manufacturer is interested in blending three types of coffee beans into 10,000 pounds of a final coffee blend: The three component beans cost \$2.40, \$2.60, a... 1. Use RPM to multiply 14 by 42 2. Write 241 as a sum of powers of 2. 3. Is 8055 divisible by 9? 4. Give the absolute and relative error when converting 1/4 to a decimal rounded to the tenths 5. Wr... In the least-squares line y = 5 - 7x, what is the value of the slope? When x changes by 1 unit, by how much does y change? O When x decreases by 1 unit, y decreases by 1 unit, when x changes are: 1) 40 questions? the relative solutions are identified with a green thick or ... A prescription in which 3 ml of lactulose of given orally twice daily will require how many ounces to last at least 30 days? 3 6 90 180 Canines are dosed with Enacard at 0.5 mg per kilogram once daily... Rational function grade 12.. #4 Assignment - Rational Functions Date : Name : For each function listed belser , determine the ax- and y- intercepts (if any) b) Vertical Asymptotes and/or Holes (if ... Show me the formulas in excel too. Thanks.. Locate the first nontrivial root of sin(x) = x2 where x is in radians. Use bisection with the initial interval from 0.5 to 1. Perform the computation until ... Please provide Handwritten answer of. Given the function F: Co, TJXIR - 1R that is @ positively homogenuous of degree (r - y Continuous and take fox,s) = Give an example for the function and Find (I 2 ... Here is a graph of the function g. J' Use the graph to find the following. If there is more than one answer, separate them with commas. (a) All values at which 3 has a local minimum: III {b} All loc... Please help with this applied math question.. In this MATH336 assignment problem, consider the LP: (P) min (-5, -7, -5)r 2 3 4 5 6 16 0 09 s.t. IVIVIAIA -J 8 T1, 12, 13 0. (a) Write the dual (D) of th... I need answers. Select Yes or No to indicate whether the situation can be represented by a negative number. Sherri lost 51 points answering a question wrong. The peak of a mountain is 1,719 feet above... Please help with this linear algebra proofs guestion. In this MATH336 assignment problem, we aim to provide a review of some important concepts in linear algebra that we'll need later on in this cour... (a) If, then Based on the above recursive definition, describe P in one sentence. (b) (0, 0) \in O If (s, t) $\in Q$, then $(s + 2, t + 3) \in Q$ and $(s + 3, t + 2) \in Q$ Write dow... Q4. Linearize the following equations for the system. b. Write the state equations C. In... I used to think that the language and the grammar of mathematics are The problems in this section will practice solving systems with repeated eigenvalues. 3. Find the general solutions behave as $\{ + co. (a) x' = X (... Statistics. The table given below is a probability distribution of a random variable X. X P(x) 0 0.1 0.4 2 0.4 3 0.1 Based on the table answer the following questions. a.$ Find P(2 or fewer) b. Find P(... Nuptial inc. paid the rent for the next six months. Which of the following account titles will be debited? A. prepaid rent B. rent payable c. rent revenue D. rent expense Bring instructional software on Mathematics. answer. Use the fact that \bF = (2x + 3cosy) \bi + (r - 3rainy) bj. is a gradient vector field to evaluate the line integral 1-CF. abs along a smooth curve C in the plane f... Describe these techniques for performing information modeling: a.) Logistic Regression b.) Linear Discriminant Analysis c.) Partial Least Squares Linear Discriminant Analysis d.) Penalized Models e.) ... Please provide Handwritten answer. 10. Prove that for n > 1 (for large enough n) the probability of a permutation, randomly chosen from Sn, not containing a cycle of the length at least n/2 is clos... Calculate (i) lim sup {(-1)"(1 + n-1); (ii) lim inf {(-1)"(1 + n-1); (ii) l numbers sup (- 1)"(1 + n-1).... Give your answers to four decimal places (for example, 0.1234). (a) Find the area under the standard normal curve to the right of =z-0.45. (b) Find the area under the standard normal curve to the right of =z-0.45. error Zn, where Zn is WN independent of X with second moment of, with observation being Yn = X + Zn. (... Question 13 (2 points) The rational function C(x) = 156x 0 s x < 100 100 - x describes the cost, C, in millions of dollars, to inoculate x% of the population against a particular strain of the flu.... The steel, or Ispat, industry is a large industry employing millions of people in a variety of management jobs and skilled and unskilled labor jobs. Bharat Ispat is a large steel maker. They are facin... ne Quiz (optional) Remaining Time: 02:15:50 Consider the integer N represented in two's complement by the bit pattern (1111 1101 0000 0110) on 16 bits. The inserted space is to make it easy for you to... (20 pts) Construct a deterministic finite state automaton that recognizes
the set of all bit strings ending with 01001. Here is another example of the partial guotients division algorithm. Work with a partner and unpack this approach Explain line-by-line what the child did. Link the numbers above the dividend to the... Use Python to evaluate the I 1 (5.4) using the Trapezoidal rule. Find the smallest possible N so that your error when compared to the Python function is approximately 10 - 16.. (Bes... art C: Written Response 2 1. If log b = 0.5, then solve loga Vb + loga a (3 n b 4.3 - Assignment - Factoring Trinomials of the form ax? + bx + c, where a = 1 1. Factor the following if possible Note: Some of the questions will be of the types you did in previous lessons. Also, n... Compute the following integral. e d' /kx? [H(x - t) - (2 - 2t - 1/2)]dady m m Where H is the Heaviside step function, defined as: H(a) = 0 if a < 0 H(a > 1 if a > 0 Please show all work!. Let X, Y be sets and f : X -> Y be a function. Prove the following are equivalent: (a) There exists a function g : Y -> X such that go f = Idx and fog = Idy. (b) f is bije... A croissant shop has 8 different types of gluten-free croissants available that only come in packages of size 6... (4 points) ANSWER ALL OF THE FOLLOWING QUESTIONS ON YOUR PAPER. graph of the function is provided below and you do NOT need to copy it with accuracy to complete this question — a sketch will do fine.... In an experiment, a student brings up the rotational speed of a piece of laboratory apparatus to 102.9 rpm. She then allows the apparatus to slow down uniformly on its own, and counts 40.8 revolutions... answer this. Dogs have an average o 10" hairs on each square inches, approximately how many hairs are on the dog 's back? If Liam's salary of \$4,850 per month is increased by 1 1/4% what is his new monthly salary? i got 6062.5 is this correct? If you are able to solve, can you please add explanation to vour steps. Thanks in advance! Ouick response needed. . Exercise 1) Consider the following LP: max (1, -2, 0, 1, 3)x s.t. 1 -1 2 -1 0] 2 0 ... a die is thrown 120 times with the following results showing all steps clearly, test whether the die is fair. (i) at the 5% level of significance The following table shows the number of internet hosts (computers that store web pages) since 1993. Use technology to determine both quadratic and exponential regression equations. (Hint: Use 1993 = y... PLE Mr. and Mrs. Thompson set up an investment program using an annuity due with payments of \$500 at the beginning of each quarter. Find (a) the amount of the annuity and (b) the interest if they make... (a) Use Regular Perturbation theory to solve y = Vere', r > 0, y(0) = 1, 7/'(0) = 6, where 0 < < <1. (Note: Week 5 lecture material may be helpful here for a mini-review on solving ODEs... Given 17 books, how many different ways can they be ordered? . Sign in - Google Accounts X Checkout | eBay MI Inbox (17,144) - cindyleandre@>>Deep Focus - Music For Studyin x En Direct | Premye Okazyon 1 X Academ C webassign.net/web/Student/Assignment-... Solve question 9 first, and then check question 9 first, and then chec insulated along it is a side. It is initially at uniform temperature of 10 'C at t = 0. The ends are plunged into ice and maintained at a temperature o... romberg algorithm: 11. Using Equation (2), fill in the circles in the following diagram with coefficients used in the Romberg algorithm: R(0.0) O R(1,0) R(1,1) R(2,0) R(2,1) R(2,2) OO OO OO R(3, D)... I have 30 min to solve this??. QUESTION 3 1 points Save Answer How long will it take to give a whole blood transfusion of 60 ml at a rate of 2 ml/min? 30 hours 3 hours 1/2 hour O 2 hours 3 hours 1/2 hour O 2 hours 3 hours 1/2 hour O 2 hours 4 as a Mental Abuse To Humans? 3. What are the existi... Write the following system as a matrix equation and solve using the inverse matrix. . XI - X3 = 2 2X, - X2 = 3 X1 + X2 - 2X3=4 Pregunta 3. (6 puntos) Pamela dirige un negocio que consiste en elaborar vestidos de gala para fiestas de promocion o de fin de ano. Pamela trabaja con costos fijos de S/27000, costo de produccion por... A sprinter starting from rest on a straight and level track is able to achieve a speed of 11 m/s in a time of 5.4 s. What is the sprinter's average acceleration? m/s 2 assignment 2 number 15. Find the decimal number represented by 100000 when it is interpreted in each of the following 6 bit representations Unsigned Binary Number Two's Complement Number Excess 32 N... I am struggling with both parts a and b of this question.. 1. We saw in class that a separable linear, shift-invariant system could be imple- mented more efficiently than a normal LSI system. A simila... (a) Make a frequency table using the class boundaries 23.5, 69.5, 115.5, 161.5, 207.5, 253.5. Class Boundaries Frequency 23.5 69.5 115.5 0 115.6 161.5 207.5 0 207 5 253.5 (b) Look at t... Sue-Ann drives 2km east of her home to meet her friend Ellen. From here the two friends drive 5km south to meet with Brad. From this point the three friends drive 9km north, 2km west and finally 9km s... 8thgrade math. 13. In square ABCD, side AB is parallel to side CD. IF the rectangle is translated 4 units to the right and 3 units up to A'B'C'D', would side AB still be parallel to side CD. IF the rectangle is translated 4 units to the right and 3 units up to A'B'C'D', would side AB still be parallel to side CD. IF the rectangle is translated 4 units to the right and 3 units up to A'B'C'D', would side AB still be parallel to side CD. IF the rectangle is translated 4 units to the right and 3 units up to A'B'C'D', would side AB still be parallel to side CD. IF the rectangle is translated 4 units to the right and 3 units up to A'B'C'D', would side AB still be parallel to side CD. IF the rectangle is translated 4 units to the right and 3 units up to A'B'C'D', would side AB still be parallel to side CD. IF the rectangle is translated 4 units to the right and 3 units up to A'B'C'D', would side AB still be parallel to side CD. IF the rectangle is translated 4 units to the right and 3 units up to A'B'C'D', would side AB still be parallel to side CD. IF the rectangle is translated 4 units to the right and 3 units up to A'B'C'D', would side AB still be parallel to side CD. IF the rectangle is translated 4 units to the right and 3 units up to A'B'C'D', would side AB still be parallel to side CD. IF the rectangle is translated 4 units to the right and 3 units up to A'B'C'D', would side AB still be parallel to side CD. IF the rectangle is translated 4 units to the right and 3 units up to A'B'C'D', would side AB still be parallel to side CD. IF the rectangle is translated 4 units to the right and 3 units up to A'B'C'D', would side AB still be parallel to side CD. IF the rectangle is translated 4 units to the right and 3 units up to A'B'C'D', would side AB still be parallel to side CD. IF the rectangle is translated 4 units to the right and 3 units up to A'B'C'D', would side AB still be parallel to side CD. IF the rectangle is translated 4 units to the right and 3 units 0 0 0 1 1 0 1 0 0 0 1 1 0 1 0 0 0 1 1 0 1 for a cop and robber game and explain an optimal strategy for the cop.... Objective Cell (Min) Cell Name Original Value Final Value round-off error adding numbers Help mee please. Solve the following: 2.342 x 1.23 2 2.8 a) Exactly: b) To 3 d.p.: c) To 4 s.f.: Hello. I need help with this.. 4. (10 points) Let A, B, C be nonempty sets. Give a counterexample to the following statement: If A x B and A x C have the same cardinality, then B and C have the same c... Eight different flavors are analyzed in a blind ice cream taste test. A participant is given four different ice cream samples and asked to sort them based on preference. In how many different ways can... The average depth of a bay is 305 feet. Climatologists were interested in seeing if global warming were affecting the water level. randomly selected weeks yiel... Please? :). Show intro/instructions Ariana is traveling to Mexico and needs to exchange \$490 into Mexican pesos. P... Solve the system of equations by graphing. 2x - 3 y=2 y=2 Square Peg in a Round Hole What is a better fit, a square peg in a round hole or a round _ peg in a square hole? Please! :). Washing his dad's car alone, Scott takes 7 hours. If his dad helps him, then it takes 1.5 hours. If his dad helps him,
then it takes 1.5 hours. If his dad helps him, then it takes 1.5 hours. If his dad helps him, then it takes 1.5 hours. If his dad helps him, then it takes 1.5 hours. If his dad helps him, then it takes 1.5 ho 4 C 4 D 10 E 8 Question 1). Complete the table below and state the project completion time: Activity ES EF L... Bob is a recent law school graduate who intends to take the state bar exam. According to the National Conference on Bar Examiners, about 62% of all people who take the state bar exam pass. Let n = 1, ... At General Hospital, nurses are given performance evaluations to determine eligibility for merit pay raises. The supervisor rates the nurses on a scale of 1 to 10 (10 be highest rating) for several ac... Make a children story, or fairy tale, etc,... that applies those math principles throughout the plot of the story. objects Pascal's t... Indicate whether the following variables are Quantitative or Qualitative. 1. The height of a plant between 2015 and 2020. 2. Color of Professor's shoes 3. Volume of water 4. Your height (in cm.) 5.... Express the given percent as a decimal. 1 n 2/» (Round to five decimal places as needed.)... Can you provide the definition of all of the following foundational algebra terms: Closure Property Identity Elements Russell has a collection of 1,200 pennies. Of these pennies, 25% are dated before 1980, 35% are dated from 1980 to 2000, and the rest are dated after 2000. How many pennies in Russell's collection a... perturbation method problem 2.35. Introduction to the Foundations of Applied Mathematics by Mark Hayden Holmes (z-lib.org).pdf - Adobe Acrobat Reader DC (32-bit) X File Edit View Sign Window Help H... Give a definition of strict ordering over integers using subtraction. Show that this definition is equivalent to the order definition we want to prove that if a simple graph has degree sequence 2, 2, 2, 1, 1, 1, 1 then it must be disconnected please provide proof and graph if one is created Calculate the amount owes for electricity used on 1 October 2018(668,96) VAT excluded..Note VAT 15%? Betty got a personal bank loan for k1450 for 15 years at flat rate.. The bank charged her k150 monthly repayments.. cslculate the rate of interest charged to the nearest percentage.. I need help with step by step solution. Math 121 2. (24 pts) Convert each decimal number to different base. (a) 367, to its binary form (b) 72.7825 to its binary form (c) 349.375 to its octal form (e)... You are told the initial temperature of the material(second column). Using the set of data, you are to calculat... En la fabricación de un producto, los costos fijos por semana son de \$4000. Si la función de

costo marginal es: CM=0.003x 2 -0.4x+40 En donde x es el número de unidades que se fabrican. Deter... James is interested in the weather conditions and whether the downtown train he sometimes takes runs on time. For a year, James records whether each day is sunny, cloudy, rainy, or snowy, as well as w... For each pair of statements, choose the one that is true. ofs) = (g, s) (a) os c (g, s) O (5) E (5, 6, 7) (b) o (5) 2 (6, 7, 8) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, 15) = (1, 3, 5, 7,) (c) O (11, 13, report on a topic that relates mathematics to art, music, science, or economics. Make sure you describe the mathematical concepts that are present in the work and what you understand abou... answer this thankyou!. For each of the functions listed below, do a calculation by hand (i.e., with a calculator) to find the root. This process will take at most five iterations for all of these, and... A tractor-trailer comes to rest after a uniform acceleration of - 0.4 m/s² for 0.2 minutes .What distance does it travel during this time? Here are my arguments 1) If April brushes her teeth, she gets a cartoon sticker. 2) All nurses know how to take a blood pressure. M... I need to solve this in 1 hour, hope I can get help thanks!! Question 25 Solve for x: 1 cc/5 lb = x/40 lb A) 200 cc B) 2 cc C) 0.8 cc D) 8 cc Question 26 Solve for x: 5 drops/x A) 0.4 ... a. A 40-member club will elect a president. How many possi- ble outcomes are there? b. A 40-member club will elect a pair of co- presidents. How many possible outcom... John has been consistently playing soccer for 2 hours, how many hours will he have played after 30 days? After a large number of drinks, a person has a blood alcohol level of 200 mg/dL (milligrams per deciliter). If the amount of alcohol in the blood decays exponentially, and after 2 hours, 162 mg/dL?... Prove that each of the sentences below are equivalent (that is, whether the sentences below are equivalent (that is, whether the sentences below are equivalent (that is, whether the sentences are true or false). a) 5n - 10 is odd. b) 3 - 7n² is even. c) n³ - n² + n is odd. Note: If you are sendin... plz show full detail and work calculation. Problem #2 (7 points) We consider an infectious disease for which individuals who recovered from the disease are not immune and can instead be infected again... Question 15 < > 0/10 pts 100 @ Detail Convert the point (x, y, z) = (-5, 4, -3) to spherical coordinates. Give answers as positive values, either as expressions, or decimal pl... Write down the simple B'ezien cubic curve B3(t), $t \in [0, 1]$ for the four control points P0, P1, P2, and P3 and prove that (a) B3(0) = P0 and B3(1) = P3. (b) The tangent line at P0 is the line conne... Consider the one-dimensional function f(x) = x? Let I = [0,1]. Let A (I I is the fat Cantor set (which has a positive measure unlike the Cantor set with measure zero). Define B = I \ A, and fix) = I: XB(s)ds, for :r E I, where X13 is the charact... Graphing Rational Function (2 ACTIVITIES) Please present a full solution/explanation. ABC is a major local company that is running two sub-companies: TVStar and NoorGas. TVStar is a popular local television station and NoorGas is a gas distribution company. ABC is facing some problems ... Question 2 (2 points) On the same axes, sketch the graphs of the exponential functions y=2x and y=10" and state three features common to both. In 2012, Bradley Wiggins won the Tour de France, cycling 3,497 km in 87 hours 34 minutes 47 seconds. (a) What was his average speed, in km/hour? (b) What was his average speed, in mi/hour? (c) ... Let G = Z, and let A CG {0} be a generating set with the property that |A| = 5 and acA a = 0. Define the graph X = Cayley(G, A). (a) Show that the above description determines X (up to isomorphism) (b... a ball rolls up a hill. if it starts with a velocity of 2m/s and accelerates at a rate of -0.5 m/s^2, what is the velocity after 2 seconds Please provide Handwritten answer.. Z) Question 10 f) Now suppose that the unhedged firm chooses the face value of debt (F) and the yield on the risky deb... Invert this matrix and Show all steps and indicate clearly the process followed each time? 2 -1 -1 3 1 3 -4 0 3 3 1 10 -2 0 0 PLEASE help!!. 1. Consider the following (incomplete) technology matrix for an economy consisting of 3 sectors: (1) finance, insurance, and real-estate, (2) professional and business services, and (3)... please help me solving parts (4,5,8,9) as a pwith providing screenshots...... thanks in advance. The followings must be realized by using the software MINITAB or SPSS. 1. Generate the normal distribute... Where t 0 = 21. QUESTION 5 The concentration of pollutant bacteria concentration to be reduced to 5 ... I need help. Mr. Heath owns a game store. He offers workshops where students learn about different kinds of games and how to design their own games. 1. Sia designs a board game in which a card is draw... refer to image for question. A man has \$210,000 invested in three properties. One earns 12%, one 10% and one 8%. His annual income from the properties is \$20,100 and the amount invested at 8% is twice... The individual weights, in pounds, of the members of a school's wrestling team are shown in the box below 180 163 165 171 177 191 168 180 203 196 175 162 155 178 195 Chart of individual weights of... A tiny object of mass m is attached to the end of a string of length 0.75 m and spun in a circle at a constant rate of 2 revolutions per second. a) What is the angular speed of the object in rad/s? b)... A firm's marginal cost functions are given by MR=10-4Q and MC=1 If fixed costs are 4, find the profit when Q=2 Working out for this sine equation. 50 (32.058, 36) (117.326, 34.261) (79.181, 16) O 50 100 Question 1. A firm collected 5 instances with 2 features ?1 and ?2 and their types. Instance X1 X2 Type 1 12.1 11.7 + 2 7.9 2.1 x 3 7.8 8.4 + 4 7.3 6.9 x 5 11.2 8.9 + (a) Plot the 5 instances vi... mathematics. Find dy if 1 4 + 4ud y2 - 3 xy + 21 = 0 solve the equation 4- 2113 - 3 x12- 3616 + 4 when dy = 0 du Please provide Handwritten answer. m y(t) 3 m a) The cylindrical tank with length 3 m and radius 1 m, as pictured, is half full and needs to be drained from a square hole in the bottom of the tank ... Research Problem: The time married men with children spend on child care averages 6.4 hours per week. You belong to a professional group on family practices that would like to do its own study to de... can you show the steps to me. Identify the iterative function $f(x) = x3 - 9 \times 2 - 6$ if initial approximation Xo = 2.25 En un estudiante está relacionado con su interés en las matemáticas, una muestra de estudiante está relacionado con su interés en las matemáticas. to simplify the given function in POS jproduct of sums) form: Note: To select loops that wrap around the edges of the table, you must select both sections that extend beyond t... In , let U be the subspace of all vectors of the form and V be the subspace of all vectors of the form and V be the subspace of all vectors of the form. (1,1,1) T x2 = (3, -1,... At a local Walmart store, a Coke dispenser held 22152215 gallons of soda. During working hours, 14251425 gallons were dispensed. How many gallons of Coke remain? The interest rate for the first five years of a \$27,000 mortgage loan was 3.25% compounded semiannually. The monthly payments computed for a 10-year amortization were rounded to the next higher \$10. a... The number of country B decreased to approximately 34,000 in 2014 from a high of about 100.000 in 2010. The amount of country B decreased to approximately 34,000 in 2014 from a high of about 100.000 in 2010. explain your choice, Continuous Neither (Circle one] Explanation: Solve the following equations by indicating the solution set. 1) Resulva las siguientes ecuaciones, indicando el conjunto solucion: a) 32x-1 - 23x+1 = In 1 b log $(x + 3) + log_{(x - 1)} = log_{(2x + 1)} Find the magnitude and angle with <math>0 < 0 < 2n$ for $\# = (v_3, -1)$. A) |10| = 10; 0 = 2 B|17|1 = V2; 0=2 C) |171 1 = V2; 0 = -: E) None of these
Previous Page Next Page Question 18 (3 points) Solve the system of equations using determinants. Show checks. x - 6 - 3y 2x - 3y - 3 Need help and I'm stuck. A parallelogram is a quadrilateral (it has four sides/ it are parallel. It is also true that: . The opposite sides of a parallelogram have equal length. . The opposite angles ... ebAssign-Mat C webassign.net/web/Student/Assignment-Responses/last?dep=27564240 The Fish and Game Department stocked a lake with fish in the following proportions: 30% catfish, 15% bass, 40% bluegill,... Graph the solution of the system inequality Using FLCRASH data in SAS Viya to answer the question. Create one model to predict... Mbf100. Benjamin saved \$90 at the end of every month for 3 years in his bank account that earned 2.50% compounded monthly. a. What is the accumulated value of his savings at the end of the period? O \$... a solid metal sphere to be 20 kg. show that this is a reasonable estimate for the mass of a sphere to be 20 kg. show that this is a reasonable estimate for the mass of the sphere. th... what sum of money will accumulate to \$539.04 in 97 days at 11.4% 11:54 ~ V 1.60 KB/S 79 The solution may be presented through manual computation or Excel. Problem Folklore has it that there is an inverse correlation between mathematical and artist ability. Suppose ... QUESTION 2: a) Aina were given the following data on three series of payments: Payment at the end of the year Accumulated Value at the end of the year 18 Series M 480 400 600 X Series N 0 720 1400... Can i get answer for a product of over 100 dollars? Why 21 dollar product is used? As you can see on the assignment the product that need to be used is of above \$100, but it is used worth \$21 only. An... F := E SbFlts (R*) 2 (1) 3J E SubFit R4) prp (J. F) (dim() = 1) Y I N Pf W 3 (iii) 3K E Subfit R4 KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) 3K E SubFit R4) prp (J. F) (dim (K) = 1) Y I N Pf W 3 (iii) 3K E SubFit R4 KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) 3K E SubFit R4 KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) 3K E SubFit R4 (KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) 3K E SubFit R4 (KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) 3K E SubFit R4 (KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) 3K E SubFit R4 (KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) 3K E SubFit R4 (KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) 3K E SubFit R4 (KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) 3K E SubFit R4 (KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) 3K E SubFit R4 (KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) 3K E SubFit R4 (KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) 3K E SubFit R4 (KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) 3K E SubFit R4 (KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) 3K E SubFit R4 (KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) 3K E SubFit R4 (KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) 3K E SubFit R4 (KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) 3K E SubFit R4 (KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) 3K E SubFit R4 (K KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) 3K E SubFit R4 (K KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) 3K E SubFit R4 (K KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) 3K E SubFit R4 (K KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) 3K E SubFit R4 (K KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) 3K E SubFit R4 (K KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) 3K E SubFit R4 (K KOF = 0 Skew (K. F) (dim (K) = 1) Y N Pf W 3 (iii) Pf W b) y = -2(x - 3) 2 + 32 create a table of values and graph the relation. determine the first and second differences from the table. identify the equation of the axis of symmetry, t... I believe this can be solved with Lagrange Multipliers. Hello can someone please help me? I believe this question, well at least for Part A is similar to this: 2. The annual output of t... Please only answer #2 for each image.. In 1-21, use the definition of an improper integral. 5 1. 2 dx 2. dx 3. dx X 10 x-In(x) 1+ x e. In problems 1 - 42, find the indef... Let X be a random variable that follows the beta distribution. This random variable is continuous and is defined over the interval from 0 to 1. The probability density function is given by x'H (1... The manager of Manufacturing products is contemplating the purchase of new technology will yield (year-end) cost reductions... "Greedy algorithms are called so because they favor the first columns in the dictionary". Is this true or false? If true, give an example, if False, why are they called greedy? Georgina is about to retire with \$188,000 in her RRSP. She will make no further contributions to the plan, but will allow it to accumulate earnings for another five years. Then she will purchase an an... Hi there, confused about these 2 questions. Thank you in advance!. Suppose D and G are events in the same sample space for some experiment. If we know Pr[D] = %, $P(B) \setminus P(A) + P(B) = \%$, P(G) = %, and $Pr[D \cap G] = \%$, $P(B) \setminus P(A) + P(B) + P(A) + P(A) + P(B) + P(A) +$... Suppose a battery provides 12 volts. The resistance of the bulb is 30 ohms. What is the current of the battery? 4) (2 points) What is 5.4545 rounded to the nearest hundredth? Topic: Fibonacci. Choose one of the following topics: 1. Pigeonhole Principle 2. Numbers in Nature (Fibonacci) 3. Rational and Irrational Numbers Research your chosen topic further. After your researc... Recursively define the binary strings that contain more 0's than 1's. 1.) Every string in your set. Thank you for helping. Question 3 (15 points) (1) Let & be the region enclosed by the parabola I = y? and the circle r2 + y? = 2, as shown in the figure. Describe the region S mathematically. (2) ... Prove $f(g(x)) \neq g(f(x))$ When f(x) = 53 log (53(x-519)) + 531 What price do farmers get for their watermelon crops? In the third week of July, a random sample of 40 farming regions gave a sample mean of x = \$6.88 per 100 pounds of watermelon. Assume that o is kn... 1. (From Operations Management, 14e, by William Stevenson, McGraw Hill, 2021) A retired couple supplement their income by making fruit pies, which they sell to a local grocery store. During the mo... Sir, I am stuck on this question . 2 O O Let A = 1 2 -1 1 0 1 (a) Find an invertible matrix P and a diagonal matrix D such that that P-1AP = D. (b) Find P-1. (c) Use your answers to parts (a) and (b)... Po = $Do^{(1+g)}/(r-g)$ 40.625*r-40.625*r-40.625*r-40.625*r = 1.69+3.940625 = 1.69 40.625*r = 5.630625/40.625 r = 5.630625 r = 5. independent normal random variables, i.e., $X \sim N(u, o^2)$, (i) find the respective distributions of ap = E;1 Xtcos (2upt/n) and bp = " Xe si... Suppose the problem of diagnosing a disease D that can give rise to the appearance of an S symptom or a radiological sign R. Each of these 3 variables can take 2 values, present or absent. We know ... Let ? (?)=3(xe x) -2? x and the interpolation points x o =-2, x 1 = -1 and x 2 = 1 a. Use the interpolation LP, and has a feasible solution : with objective value 7. Let (D) be the dual o... A and B are shown in the figure. What is A x B? 30 B = 4 A = 5 B A. -10# B. O C. 103 D. 20# 3. A = 32, B = 41. What is A x B? A. -102 B... Use the method of Steepest Descent to approximate minima to within 0.005 for the following func- tions Introduce slack variables as necessary and write the initial simplex tableau for the problem. Maximize $z = x1 + 2 \times 2 \times 3 \times 1 + 2 \times 2 \times 50 \times 1 + 2 \times 2 \times 1 + 2 \times 1 +$ Multigrade, and Supreme. Each brand of oil is composed of one or more of four crude stocks (the same as "... ux '0 < Ix pue N = UA + "x)- = Itux (q) 6 'NOUA UA- Itun = ux (e) [OT] Find the limit of the sequence {En}no (provided it exists) defined over R where Suppose that for some linear function f: R2 -> R2, f([!]) = [;] and f([4]) = [8]. (a) (6 points) Using the properties of linearity, find f([13]). You must show your work to get credit. (b) (6 po... What is som equivalent to that number. onsider the division expression. ?=2 2 Please provide Handwritten answer. Consider a tournament between N teams, each team playing each of the other teams. Let's call team i a k-winner if there is a group of k-many teams that were each bea... hello dear, please help me this question - What are the last Three Digits of 3^1205 pls show all the work and explanation Thank you you want to estimate how many fish are in the pond. you capture 280 tag them throw them back. a couple of days later you go back and capture 420 of which 28 are tagged. how many fish are in the pond ?... The directions on a granular (dry), water soluble, 20-20-20 house plant fertilizer are to dissolve one teaspoon of fertilizer in one gallon of water. One teaspoon of fertilizer weighs 5 grams (so the ... Use the Midpoint Formula to estimate the sales of Big Lots, Inc. in 2005, given the sales in 2003 and 2007. Assume that the sales in 2003 and 2007. Assume that the sales in 2003 4174... Just Part C:. Thus, if player 2 plays action j is given by a randomized action. Then the expected value v; (x) if player 2 plays action j is given by action j is given by action j is given by a randomized action. v(x) = En, TiAs. Let v(x) = (v1(x), ..., U.(I)). (a) The goal of play... electrical engineering. ANSWER ALL QUESTIONS. Q1 (a) Determine the inverse Laplace transform of the following function: 2 -s F(s) = -s' + 2s-15 (Hint: Use completing the square) (5 marks (b) A signal... Let f(x,y) = 4x y + 4xy. Find 2 dxdy and dy dx = 2 refer to image for question [42 "0""51 I DETAILS I HARMATHAP12 5-3-043- I MY NOTES II PRACTICE ANOTHER I If \$9500 is invested at 12.6% compounded continuously, the future value 5 at any t... Let A be a measurable subset of R. Assume that f : A - R is integrable. Show that for each a > 0, there exists a 3 > 0 such that Measure of E < 3 = JEIFI < a, where E C A is measurable.
No... Hi! With explanations and full solution please, I really want to learn this but I am having a hard time understanding. Topic: Cash Flow and Deferred Annuity. 1) A television set is for sale at Php ... Melody Diaper Service is a local company that launders and delivers baby diapers. They need to borrow \$6,200 to buy some new washing and drying equipment. Their loan is for 180 days at 8% exact simple... Help. 5. The price of the new home you want to purchase the home with a 20 down payment and finance the remaining amount for 25 years at 5.00%, Your monthly payment is \$1,... please answer the following question below. In triangle ADC the mestre of angle & is 50 degres. Select ALL possible values for the measures of angle A and C if ABC is an acute triangle. 3. Arele A... A CEO decided to award her employees that have met their objective have the chance to win vacation days. They can win either Mondays (abbrevia... Question 5 1 pts Jane took out a 10-year loan for \$76,973 from her local bank at an annual rate of 5.9%. If she plans to make monthly payments, how much will each payment be? Round your answer to the ... I need help. Find the interest rate needed for the same that the compounding period is the same that the compounding period is the same to the ... I need help. as the payment period. \$19,151 to be accumulated in 4 years... Advanced Math You're doing an experiment with a (circular) drumhead. You find resonance peaks at 125.7Hz, 135.2Hz, 135.2 amounts are in thousands of dollars. Duration (weeks) 5 10 15 20 25 % Comp Conceptual Design 10 6 100% Graphics Design 12 6 ... mrs.pancho was paid for her 32-hours work at the rate of P275.00per hour.how muchwas she paid?What are the given facts? Give me a solution on how to get it. PART II (10 points) An insurance agent offers his 200 clients auto insurance, homeowners insurance and renters insurance. The purchase of homeowners and the purcha... 1.Solve for the Steady State Probabilities of Bulletin, Star & Inquirer problem through Algebraic equations through Cramer's Rule See Photo Below . Probabi... 1.5: Exploring Arithmetic Sequences UT 3. A grocery store worker has to collect all the shopping carts left out in the parking lot. He collects 4 carts and measures the length of the 4 carts he is pus... A cable suspended from supports that are the same height and 600 ft apart has a sag of 100 ft. If the cable hangs in the form of parabola taking the origin as the lowest point, find the width of the ... An ice cream cup costs \$35.00 per piece. However, if you buy more than 10 pieces, they will be marked down to a price of \$32.00 per piece. Use a piecewise function to represent the cost in terms o... Leah is considering job off'ers fi'om two companies. Company A offered her a starting salary of \$45,000 with a \$2100 raise at the end of each year. Company B offered her a starting salary of \$45,000... Classify the inventory in this sales transaction (5 points) and draw up a commercial invoice to represent the following table given this information: (Do not round intermediate calculations.). Cost of machine: \$93,400, residual value: \$3,900, Useful Life: 5 years. Estimated units machine will pro... As Russ runs, his knee joint passes through the following vertical positions (meters): Frame 1: 0.094 Frame 2: 0.126 Frame 3: 0.232 Frame 5: 0.447 The data were collected at a frequency... Explanation. 3, 750 x 8 = 30,000) 270,000 -50,000 2.) as) alg: 5.00 + 1.30(18) = 220,000 = 28.40 = 220,000 + 3750 28 minutes and 40 secs 2 59 weeks 6 60minutes - 5 minutes) 28 + 2 (24-1) = 55 min... Two players alternate in placing dominoes on a 3 × 3 chessboard so as to cover two squares exactly. The first to be unable to place a domino is the loser. a) Draw the game tree for this game (to sav. Sir i am stuck for this question. Consider the transformation T: 3 - R2, such that every vector x = (X1, X2, X3) = (X1 - 5X2 + 4X... Answer the following questions. 5. Car A accelerates from rest to 72 km/h in 9 s. Car B accelerates from rest to 24 m/s in 9 s. Which car travels the longer distance in 9 s? 6. A sports care is advert... business mathematics. UNIVERSITY Tugas Kelompok ke-3 ONLINE LEARNING Week 8, Sesi 12 1. Kepuasan konsumen dalam mengkonsumsi produk x dan y yang ditunjukkan oleh fungsi utilitas total sebagai berikut:... 6C and 6A. a. Solve: 9sin(4x + 2.3) = 1.7 for x E (-2.8, 3.2) b. Solve for x where cos2x + $3\sin 2x - 1 = 0$ and x ER. c. Prove the following identity. $\sin 5x = \sin x(\cos 22x - \sin 2x) + 2\cos 2x\sin 2...$ Help me this question clearly step by step pls!. Question 3. (a) Calculate d cos x Vt2 + 1 dt. dx. J sin x [2+2+3 = 7 marks] ... Express the following sum in closed form. (2 + 3k)2 = Hint: Start by multiplying out (2 + 3k)?. Note: Your answer should be in terms of n.. Express the fellewing sum in closed term. i (5+4-%)2=C] k=1 ... To determine the average length of trout in a lake research catch 20 Fish and measure them. What is the sample of population in this study? 7/8 question please. 100 AAQ B IVAXXO . AB 8. Two fair dice, one blue and one red, are tossed, and the face on each die is recorded. Define the following events: E : { A 1 on the blue die } F : { The ... No idea where to even start - if you could offer a solution or explanation, I would really appreciate it. The first image is the question that is being asked about.. (b) The graph in part (a) does not... use of parent 4.)I Tomaslav has learned the following facts well: . All the sums of whole numbers that add to 10 or less-Tomaslav knows these facts "forwards and backwards." For example, he... Given the following defining equation for Legendre polynomials M P. (x) = (-1)(2n - 2m)! yn-2m. M = n/2 n-even m = 0 2" (n - m)! (n-2m)! (nthe polynomials for n = 0, 1, 2. ... An inventory of two types of Christmas lights shows a total of 89 lights valued at \$435. If Type A cost \$10 each type of Christmas lights are in inventory? Th... Question 1 la For the integral ac costedx, estimate the error in Az, the '2-piece' composite Simpson's rule Approximation, using the combination of A, (1- piece rule) and AZ. compare your answer to th... Please provide Handwritten answer. Advanced Math Catherine enters into a short position of 40 shares in stock XYZ. She is required to deposit 40% of the stock value in a margin account as collateral. ... 0 Question 13 ' < > B 0110 pts '0 100 0 Details 1r Convert the point (r, 9, z) = (4, 3' - 1) to Cartesian coordinates. Give answers either as expressions, or decimals to at least one decimal... the twelve inch square tiles are shipped in boxes of eighteen pieces per box. Each of the boxes weighs thirty-two pounds. Approximately how many ounces does each tile weigh? Week 7 Grade 9. the Remainder Theorem and the Factor Theorem) Learning Task 1. On the chart below, find a factor in Column B of each of the given polynomials in Column A using the Factor Theorem. Colu... Find the number that makes each equation true. Draw a. 10 3 X w/ - a diagram if it is helpful. b. 10 3 X WIN 10 C. 3 = X w/U O a = 10, b = 5, c = 2 a = 1, b = 2, c = 2 O a = 10, b = 2, c = 2 O a = 10, b = 2, c = 2 O a = 10, b = 10, 10, b = 2, c = 5 O a= 10, b = ... Maggie Vitteta, single, works 38 hours per week at \$22.00 an hour. How much is taken out for federal income tax with one withholding exemption? (Use Table 9.2) (Round your work. 5) (Round your answer to the ... The variance for a set of scores is 36. What is the standard deviation, and what is the range? Show your work. 5) marks] 3. Calculate the force (in Newtons) required to push a 10kg wagon up a 0.5 radian inclined plane. One Newton (N) is equal to 1kg.m 2, and the force due to gravity on the wagon is F = mg, wher... 3) (6 points) Explain how you can tell the difference between the two types of subtraction based on how a strip diagram is drawn. Use the expression 27 -15 to demonstrate the difference. which of the following polynimials has factors (xy-1)(xy+1 without the decimal points. 8. Explain how to write 1.89 and 3.57 as improper fractions whose denominators are products of 10s. Then use fraction multiplication to explain where to place the decimal p... Please provide Handwritten answer. Let T: R4 - R be given by T(v) = 10 OHOO CT 0 Set z = Prove that R = (T, z) and determine UT(I). What is the height of a tree that casts an 8.5 m shadow? (Diagram please and similar triangles.) 1145 13 KN 4 KN B E 4KN C D 3.0 m A 16 kN.m Z. 3.5 m 2.1 m X Three forces and a moment are applied to the block. Reduce this to an equivalent force-couple system at point A. Express the results in ... Let 21, 22 EC {0}. Suppose that 2122 6 R. Is it true that z] and z2 lie on a straight line passing through 0 in the Argand plane. If it is true, give a proof; otherwise give a counterexample. the app says that it does not have a answer Sally's aunt put money in a savings account for her on the day Sally was born. The savings account pays interest for keeping her money in the bank. The rat... What is the answer to this. SOIVE. ROUTIU LO LITE 118 130 C 28 C How could the teaching practice of modeling advance students' access to math content? How could the teaching practice neer received a request to design a radio system at a mall. A radio system should have a noise figure (NF) of 6.5 dB with a net gain ratio (A.,. pts) Use an iterative approach to find a soluti an = an-1 - n, do E 4. Hint: Y You are now viewing the g 30% 40% The circle graph shown above represents the distribution of the grades of 40 students ... Sir, i am stuck on this question need step by step calculations . 5. 2y 1 y + 2. (a) The diagram above shows a right-angled triangle. The sides are given in terms of y. Show that 2 - By - 320 [3 mark... 1105 D - 36 0 18 0 B A 92 kN each of the bridles, BC and the bridles, BC and the bridles are given in terms of y. Show that 2 - By - 320 [3 mark... 1105 D - 36 0 18 0 B A 92 kN each of the bridles, BC and the bridles are given in terms of y.
Show that 2 - By - 320 [3 mark... 1105 D - 36 0 18 0 B A 92 kN each of the bridles, BC and the bridles are given in terms of y. Show that 2 - By - 320 [3 mark... 1105 D - 36 0 18 0 B A 92 kN each of the bridles, BC and the bridles are given in terms of y. Show that 2 - By - 320 [3 mark... 1105 D - 36 0 18 0 B A 92 kN each of the bridles, BC and the bridles are given in terms of y. Show that 2 - By - 320 [3 mark... 1105 D - 36 0 18 0 B A 92 kN each of the bridles, BC and the bridles are given in terms of y. Show that 2 - By - 320 [3 mark... 1105 D - 36 0 18 0 B A 92 kN each of the bridles, BC and the bridles are given in terms of y. Show that 2 - By - 320 [3 mark... 1105 D - 36 0 18 0 B A 92 kN each of the bridles, BC and the bridles are given in terms of y. Show that 2 - By - 320 [3 mark... 1105 D - 36 0 18 0 B A 92 kN each of the bridles are given in terms of y. Show that 2 - By - 320 [3 mark... 1105 D - 36 0 18 0 B A 92 kN each of the bridles are given in terms of y. Show that 2 - By - 320 [3 mark... 1105 D - 36 0 18 0 B A 92 kN each of the bridles are given in terms of y. Show that 2 - By - 320 [3 mark... 1105 D - 36 0 18 0 B A 92 kN each of the bridles are given in terms of y. Show that 3 mark... 1105 D - 36 0 18 0 B A 92 kN each of the bridles are given in terms of y. Show that 3 mark... 1105 D - 36 0 B A 92 kN each of the bridles are given in terms of y. Show the bridles are given in terms of y. Show the bridles are given in terms of y. Show the bridles are given in terms and BD, if the ship is moving forward with constant velocity. The towing pendant AB is subjected to the force of 92 kN which is developed from a ... Sir i am stuck for this question 4 Find a multiplicative inverse of 11 modulo 38. A multipl Relations and Their Applications. Show that if C, and C, are conditions that ele- ments of the n-ary relation R may satisfy, then (R) . (R) = SC, (SC SC (SC2 Answer the following question. . 4. Thermistors measure temperature, have a nonlinear output and are valued for a limited range. So when a thermistor is manufactured, the manufacturer supplies a res... Suponga que dos torres de un puente colgante están a 240 metros de distancia, y que el vértice del cable parabólico es tangente al asfalto en el punto medio entre las torres. Si el cable está 2 me... Please show me how to solve: Cribs Co. provides two models of cribs, called Model A and Model B. Each Model A crib is sold for \$300 and each Model B crib is sold for \$400. Both models use two t... Need help please, thanks. 28. In Figure 7-4, if V, = 12 V, find the current / in Applications to Electronics milliamps: 23. A de circuit contains a voltage source V, and (a) When R = 240 0. a constan... ANNUITIES PROBLEM 1. Mr. Anton received two offers for the old equipment he is Brando will pay P6,500 in cash. Mr. Castilla will pay P7,000 consisting of a down payment of P1,000 and... Compute the continued fractions [2, 1, 4, 4], [2, 1, 4, 6], [2, 1, 4], [2, 1, variable(s) and solve using Benders decomposition: max y1 + 3y2 + y3 + 4y4 s. t. - y1+y4<1 2y2 + 24 5 4 y4 5 4 24 5 6 -y4 S-1 2y1 + y2 + 2y3 + 2y4 59 y1 , . . .,... A propositional formula if and only if it is a disjunction of literals, with at most one positive literal. A propositional formula if and only if it is a ... Consider the function fix) = $4 \times 30'2''$. a Complete this table of values [rounding to de if needed], then sketch the function. LL]: Compute the logarithm (base 10] of each of these values of f (x), ... Consider the conquer and divide relation f(n) - 2f(n/4) + 9 with f(1) -3. a. (5 pts) Considering only arguments for f(n) when n - 4", for some integer k, provide an explicit formula for f (n) ... Here is a speed-time graph showing the speed, in metres per second, of an object t seconds) (a) Using 3 trapeziums of eq... Which of the following subsets of Ca, b are subspaces? (a) $V = \{f \in C[a, b] : f(a) = f(b) = 0\}$ (b) $V = \{f \in C[a, b] : f(a) = f(b) = 0\}$ (b) $V = \{f \in C[a, b] : f(a) = f(b) = 0\}$ (c) $V = \{f \in C[a, b] : f($ f(b) = 1 (c) $V = \{f \in C[a, b] : f(a) = 0, f(b) = 1\}$ (d) $V = \{f \in C[a, b] : ... 3.$ Determine the definite integral. 3.1 $f(x) / x \, dx; x > 0; F(-c) = In(5) 3.3 [2.5 In (2) (25vx) / Vx \, dx; x > 0; F(-c) = In(5) 3.3 [2.5 In ($ following information. Your restaurant currently purchases Eli's
Cheeseacke from your distributo... what is the process, with steps, to complete all elements of 4 x 4 errorless (perfectly consistent) matrix e.g. row 1: 1 * * * row 2: * 1 2.5 * row 3: 0.2 * * * row 4: * * 1.5 ?... Can you help me with the below, please QUESTION ?... Depreciación de equipos de oficina (40%A, 50%P, 10%V) \$7000 sir i am stuck for this question . (10 points) Determine the length of /the trajectory r(t) = (4v2t, elf, e-")for the time interval f ([0, 1] Also determine the amount of speed U. the tangentia... - 2 hours 11/ QUESTION 14 . 1 POINT Gabe entered a home design contest. Contestants earn scores between 1 - 10, with 10 being perfect. There are four categories and each category is weighted different... Thankyou for helping. God bless You.. Let time t = 0 correspond to 6 A.M., and suppose that the arrival rate (in arrivals per hour) of customers to a breakfast restaurant that is open fiom 6 to 9 AM.... Computer Science Having the following single layer network with weight matrix: 0.75 0.05 0.13 0.38 0.53 0.57 0.78 0.47 0.08 0.93 0.01 Apply the delta training rule to update the weight matrix ... Alexander Borbely is a professor at the University of Zurich Medical School, where he is director of the sleep laboratory. The histogram in the figure below is based on information from his book Secre... 2.9 Bestvold Led manufactures small electrical motorbikes for children. Each bike is assembled from one motor, two wheels, one frame and one battery. The batteries are bought from an external supplier... i want to calculate a split between online and offline %. the base is that there is a loss in online per item sold and there is a gain in offline per item sold dependend on the return ratio X. Means i... Micromedia offers computer training seminars on a variety of topics. In the seminars each student works at a personal computer training seminars on a variety of topics. $+ 23 + 33 + \ldots + n3 = 4 n 2 (n + 1) 2 5$ and 6.) 7 1. Product B needs 5 hours on a machine, while product B needs 5 hours on the same machine, while product B needs 5 hours on the same machine is available for at most 60 hours per week. help me answer this, do use the long method please aaaa. Solve the equation and indicate its linearity. (15 pts each) V2 a. y' = x csc x - y cot x = 0 when x = 0, y = 3 b. y' = x - 2y 1) A medication order states, administer terbutaline 0.25 mg SQ stat. Available is terbutaline 1 mg/mL. How many mL should the nurse administer? (Record answer to the nearest hundredth, or two decimal ... Write the following expression as a single summation. $2 * \sum k = 1$ n (3 k 2 + 4) + $8 * \sum k = 1$ n (2 k 2 - 1) a professor wants to know what students in his three classes think about the system he has set up to record student attendance. he randomly emailed a survey to some of his students to find out. all of... is 42 is _i T _ _ Show that U = 3% i and VT = g g are both rotation matrices. and 2 2 2 2 find their corresponding rotational angles 494:: and Eva-v. (iii) Give an explanation for all geometri... Explain. fr 15. a. Write an expression that uses both multiplica- tion and addition (or subtraction) to describe the total fraction of Figure 5.7 that is shaded. (For example, 7., + 3 is an expressio... A hockey puck with mass of 0.17 kg has gravitational potential energy of 2.3 J when it is held by a referee at a certain height above the rink surface. Calculate the height of the puck. GRAS 7:51 A Name: Pantaleon, Maylene E. Date: October 10, 2021 ogram: BS ES 1EMT1 Score Activity 2.1 Mathematics as a Language I. Consider the following symbols. Choose a symbol and place it on the blank (... MTH1010_09_07_2 Given the rational function f(x) = 213 - $10 \times 2 + 12x \times 2 - 5x + 6$ Select the correct statement (a): f(x) is continuous for all r e R (b): f(x) is an arithmetic sequence, a geometric... Qualys. SSL Labs Home Projects Qualys Free Trial Contact You are here: Home > Projects > SSL Server Test > www.tim.com.br (189.40.216.101) Assessed on: Wed. 29 May ... Problem 5 (12 Points) Solve the IVP X1 = X2 x 2 = X1, with the initial conditions x1 (0) = 1, x2(1) = 0. How do I find the retail \$ and markup \$, when the markup % is 72.0% and cost \$ is \$18.20? Thank you can u give me an answer for this question?. 2k - V 3 Given 3 = 2, express k in terms of y. 3 Time left 1:58:56 In 23 A company needs Rs. 10,00,000/- for modernization. The following 3 plans are available -a) Issue 100,000 equity shares of Rs. 10 per share b) Issue of 50,000 equity shares of 1... X Explain how to use the associative property of multiplication to make 16.25 easy to calculate mentally. Write equations that show why your method is valid, and show specifically where you have... For the word "perseverance", calculate: a) the number of possible arrangements of all the letters b) the number of arrangements that start with "v" and end in "r". Score: 36/67 25/35 answered Question 28 COM pt 9 2 0 Detail A small toy rocket is launched from a 40-foot pad. The height (h, in feet) of the rocket t seconds after taking off is given by the formula ... general mathematics. Hint: State the given. Identify which formula to be used. Substitute the value to the formula. P = R. IF - R. IF - R. IF - R. IF - R. IO- Independent Activity 1 Find the Present Value (P) and the Futu... Please help me with this. The anwser should not be much detailed just the correct strategy with a brief discussion of all the listed aspects. Question n.2 The candidate discusses the numerical simulat... a) Due to a variety of factors, international shipping of many goods is currently delayed. What might businesses have to do to avoid oscillations in supply caused by these delays? (b) Sketch a time se... location of each local extremum of the function. f(x] - 2 + 5 x + 2x . 3 O Local maximaim at -2; local minimum at -1 No local extremation of each local extrem Local extremsum): ... A population of 8,000 men, aged 50 years, was examined in January 1990 for potential inclusion in a research study of smoking cigare... please help me I need this by tommarow. 1 If the area of the largest square on the geoboard is 1, what is the area of each region? A B C D E 2 Write four statements and matching fraction equations tha... Need help solving question. QUESTION 17 Find the sum of the first 10 terms in the geometric series + W/H 27 + 6560 81 3280 27 O 7 54 O 1640 27 hi can you help me solves these questions. Create the following: 0 Determine an algebraic Equation to represent the height of the reference gondola as a function of time in . minutes 0 Create a graph ... Linear Programming: An Algebraic Approach (dont use excel for explanation i just need help to create an equation and everything else I will calculate on my own). Custom Off'ice Furniture is introdu... [0/3 Points] DETAILS PREVIOUS ANSWERS BBUNDERSTAT10 3.1.015. MY NOTES ASK YOUR TEACHER PRACTICE ANOTHER How hot does it get in Death Valley? The following data are taken from a study conducted by ... Doug Turner Food Processors wishes to introduce a new brand of dog biscuits composed of chicken- and liver-flavored biscuits that meet certain nutritional requirements. The liver-flavored biscuits con... find radius. The diagram below shows four circles in a rectangle. Rajah di bawah menunjukkan empat tepat. (x + 20) cm (5x - 40) cm (5x - 4 tube fed 1.5 ml liquid formula per 50 g of body weight four times daily. How much formula will he need o... Provide a diagrammatic representation of a Structural Equation Model to indicate observed and latent variables indicating a causality between prevalence of type 2 diabetes and lifestyle. You invested a certain amount of money at 6.5% interest rate. The interest earned in 2 years is Flip? 800.00. Howr much money.r did you invest? (Present your answer using m¢steps in problem solvin... Use Laplace Transforms to find a particular solution of the system y' = Ay + f(t) where A = 2 Use Laplace Transforms to find a particular solution of the system y' = Ay + f(t) where A = 2 Use Laplace
Transforms to find a particular solution of the system y' = Ay + f(t) where A = 2 Use Laplace Transforms to find a particular solution of the system y' = Ay + f(t) where A = 2 Use Laplace Transforms to find a particular solution of the system y' = Ay + f(t) where A = 2 Use Laplace Transforms to find a particular solution of the system y' = Ay + f(t) where A = 2 Use Laplace Transforms to find a particular solution of the system y' = Ay + f(t) where A = 2 Use Laplace Transforms to find a particular solution of the system y' = Ay + f(t) where A = 2 Use Laplace Transforms to find a particular solution of the system y' = Ay + f(t) where A = 2 Use Laplace Transforms to find a particular solution of the system y' = Ay + f(t) where A = 2 Use Laplace Transforms to find a particular solution of the system y' = Ay + f(t) where A = 2 Use Laplace Transforms to find a particular solution of the system y' = Ay + f(t) where A = 2 Use Laplace Transforms to find a particular solution of the system y' = Ay + f(t) where A = 2 Use Laplace Transforms to find a particular solution of the system y' = Ay + f(t) where A = 2 Use Laplace Transforms to find a particular solution of the system y' = Ay + f(t) where A = 2 Use Laplace Transforms to find a particular solution of the system y' = Ay + f(t) where A = 2 Use Laplace Transforms to find a particular solution of the system y' = Ay + f(t) where A = 2 Use Laplace Transforms to find A = 2 U step explanation its an humble request. Module 3.4 Point P moves around the circle (Figure 4.87). The angle 8 in radians. changes with time... If R is a strict partial order on a set A and a \in A, define L(a) \subseteq L(b). (Recall \subseteq denotes strict subset—U \subseteq V i... [-/1 Points] DETAILS LARMPMT1 6.1.024. MY NOTES ASK YOUR TEACHER 13 1 4 14 Use benchmarks to order the fractions and from least to greatest. (Enter your answers as a comma-separated 20 11 11 15 list.)... could one of you please help me with this? could you describe ALL the transformations that take place in this problem... y = 7. 72(x-1) + 8 Please provide Handwritten answer neatly. Exercise 3.35 Use generating functions to evaluate ECkey Fk. pls help 2 questions. LL C m LO O Question 21 0/1 pt Use the C-Strip material cards to fill in each blank with the correct abbreviation by first computing sum in the parentheses and putting that answe... Use data linearization to find the value of the function when x = 3 using the exponential fit of y = Cxe -Dx from the given points x k y k 0.1 0.305 0.2 0.746 0.3 1.368 0.4 2.227 For her architecture class, Tina is writing a report on 15 buildings of historical interest. She made the following list of the heights, in feet, of the 15 buildings. 36. 17, 34, 17, 20, 28, 25, 34, 2... INFERENCE STATISTICS ONLY QUESTION (f) is needed about MINIMUM VARIANCE UNBIASED ESTIMATORS .. eBook Show Me How E Print Item Premium Amortization On the first day of the fiscal year, a company issues a \$7,100,000, 8%, 4-year bond that pays semiannual interest of \$284,000 (\$7,100,000 8% x 1/2... please give explanation. 8 Let f: R -> R be an even function (i. e, flat:)= f(-3:) for all .1: E R) and differentiable at 0 Show that f'(0) - 0. Suppose that 85% of the email messages arriving to a college's computer system are spam. You want to take a random sample of incoming email messages and perform probability calculations involving the Find the principal disjunctive normal forms of the Following statement. iv, (q v (PAr)) ~ 7 ((pur j n q) Let X and Y be the random variables that come up when two fair coins are flipped. Show that X and Y are not independent. please solve it complete . Q4. Support Vector Machine This question is about deriving the dual formulation of the constrained optimization problem of the Hard- margin S.V.M. Recall, given a set labe... "Your insurance premium in full without a finance charge or you may pay the premium in installments after a down payment... please answer this and use the long method for the solution thankyouuu bb. Solve the equation and indicate its linearity. (15 pts each) V2 a. $y' = x \csc x - y \cot x$ when x = 0, y = 3 b. y' = x - 2y please show step by step solution. x2 : (3x + 5) = 1:2 The Dean of Columbia College is looking for a tenured professor to teach in the Core Curriculum. Monetary incentives are needed to get someone interested, but how much? The Dean decides to use an a... 1. Una empresa vende tres tipos de producto 2 consta de 2 unidades de A, 1 unidad de B y 2 unidades de C. Por último, el p... 2 . An F-test with 20 degrees of freedom in the numerator and 20 degrees of freedom in the denominator produced a test statistic whose value was 21.92. The null and alternate hypotheses were Ho :o, =... I need help solving this. 4. The new playground is 65 yards long and 25 yards wide. What is the area of the new playground in square feet? Exercise 3.8.5. [S][R] [Section 3.1] [Goal 3.3] The cell phone market. In The New Yorker on March 29, 2010, James Surowicki wrote that the 25 mil- lion iPhones Apple sold in 2009 represented 2.2 perce... Please provide Handwritten answer. Take missing reference from your side as assumption. By multiplying the following scheme, on+1 m - un m a in+1 m+1- + 'm m + - Um-1) = 0, k h h (1) by un+ + un and s... need help with number 3 please show steps on how to solve the problem thank you. also if using any theorems or facts please state. second image is reference Approximate the following integral using Gaussian quadrature with n = 2, 3, 4, and compare the results to the exact value .3.5 dx. 3 V x2 - 4 the simply of the last step. (7) = Fi+ Fit = FiFI Go/to 49- 5+5- FIF.- tan 82 4rT Fit Aigalte A class of 26 students each have a name that starts with a different letter of the English alphabet. The students like to sit in a long row on the riverbank to eat their lunch. Prove that no matter ho... The owner of the Health JuiceBar wishes to prepare a low-calorie fruit juice with a high vitamin-A and -C content by blending orange juice and pink grapefruit juice. Each glass of the blended juice is... (20pts) Given five worker 2 cannot do Tasks 3 and 5, Worker 1 cannot do Tasks 4 and 5,... Shearer's Foods part of the \$374 billion global snack food industry, employs 3,300 people in Brewster, Ohio. If Shearer's purchased a packaging unit for \$185,000 with a life expectancy of 695,000 unit... please help with. Critical values for quick reference during this activity. Confidence level Critical value 0.90 z* = 1.645 0.95 2* = 1.960 0.99 * = 2.576 359860.2293334.qx3zqy7 Jump to level 1 A pol... I need help solving these equations. Solve each equation. 1) 34" = 3 - n - 2 2) 625 3n "= 125 - 3x - 2 1 -2a - 3 3) = 16-2x - 2 4) = 36" 64 5) 53k = 53k 6) 8-3 = 643 7) 520-1 = 1 8) 3 equation. Evaluation. Ca Niya Gordon Evaluation: A Partially Filled Container 10-18- 21. There is - gallon of water in a 3- 320 - 2 + 23 - 3 = 12gallon container. What fraction of the container is filled? 1. Write a multiplication ... Fibonacci Sequence and Fractal Spiral: Using grid paper, you are going to create the Fibonacci spiral by creating squares whose side measurements comespond to the Fibonacci spiral by creating squares whose side measurements comespond to the Fibonacci spiral by creating squares whose side measurements comespond to the Fibonacci spiral by creating squares whose side measurements comespond to the Fibonacci spiral by create the Fibonacci spiral by creating squares whose side measurements comespond to the Fibonacci spiral by creating squares whose side measurements comespond to the Fibonacci spiral by creating squares whose side measurements comespond to the Fibonacci spiral by creating squares whose side measurements comespond to the Fibonacci spiral by creating squares whose side measurements comespond to the Fibonacci spiral by creating squares whose side measurements comespond to the Fibonacci spiral by creating squares whose side measurements comespond to the Fibonacci spiral by creating squares whose side measurements comespond to the Fibonacci spiral by creating squares whose side measurements comespond to the Fibonacci spiral by creating squares whose side measurements comespond to the Fibonacci spiral by creating squares whose side measurements comespond to the Fibonacci spiral by creating squares whose side measurements comespond to the Fibonacci spiral by creating squares whose side measurements comespond to the Fibonacci spiral by creating squares whose side measurements comespond to the Fibonacci spiral by creating squares whose side measurements comespond to the Fibonacci spiral by creating squares whose side measurements comespond to the Fibonacci spiral by creating squares whose si identical bicycles from a manufacturer. She decided to give three of the bicycles to her three children, and then she sold the remaining bicycles ... Use Compound interest formula to find A if P=\$4,198.71, i=0.003, n=24 You want to buy a car. The loan amount will be \$17,000. The company is offering a 4% interest rate for 48 months (4 years). What will your monthly payments be? Please help with the following, thank you. Question 13 10 pts The following algorithm adds all the entries in the "upper triangular" part of a square n * n array A. Consider n = 5 and the 5... A student throws his favorite textbook in the air out of pure joy. As a physics student, you can calculate what is the best way to do that. Let us idealize the book as a solid cuboid with the lengths ... Draw arrays to help you explain why the equa- tions shown are true, without evaluating any of the products or sums. Explain your answers clearly. a. $(5 + 1) \cdot 7 = 5 \cdot 7 + 1 \cdot 7 \cdot 5 \cdot 6 \cdot (5 + 2) = 6 \cdot 5 \cdot ... \#1$ Determine the slope of the line 6x+3y+10=0. A.-2 B.-1/2 C. 1/2 D. 2 #2 To which graph does point (-1,3) belong? A. $y \ge 2x+6$ B. $y \ge 3x-1$ C. $y \ge -x+4$ D. $y \ge -2x+5$ A sales representative must
visit eight cities. There are direct air connections between each of the cities. Use the multiplication rule of counting to determine the number of different choices the sa... a) Write down the 2 × 2 matrices that represent the following linear transformations of the plane. Specify for each transformation which points the points (1, 0) and (0, 1) map to. 1. A horizontal ... Show that for all fe L'(R) lim (If(2) - 1 (7)| de = 0. determine the location of local extremum of the function 160 - x 5x . 2x - 3 O No local extremum. Determine the location of local extremum. Determine the location of local extremum of the function 160 - x 5x . 2x - 3 O No local extrema @ Local mexiguen at 1, local minimum at idk help please. Precalculus Algebra MAT-171-680CA (CCCTI) Question 4 Not yet and Points out of 10.00 P Flag question In 2000, the population i... In a study of service times in a fast food restaurant, a researcher records time intervals that begin when customers place their order and end when they receive it. which answer is correct (measuremen... Question 20 of 20 A bank charges Progress Inc. an interest rate of 9% compounded quarterly on its line of credit. If the effective interest rate were to increase by 2.90%, calculate the new interest r... write QE IF THE STATE MENT IS QUADRATIC EQUATION AND WRITE NQE IF IT IS NOT QUADRATIC EQUATION. EXERCISE 1 Directions: Below are different equations. Write QE if it is a quadratic equation and NQE if ... A car rental company's standard charge S (in dollars) is given by the function S= 14.95+0.40 M, where ... Let h > 0 and $\eta > 0$ be given, where $\eta = Oh$, for $0 < \Theta < 1$. Let f be some smooth function. Use Taylor expansions for f(x + h) and $f(x - \eta)$ in terms of f and its derivatives at x in or... Question 6 of 8 Anika secured a 5-year car lease at 5.30% compounded annually that required him to make payments of \$888.83 at the beginning of each month. Calculate the cost of the car if he made a d... testing is open note, I am only getting 420 as answer. Question 2 1 pts Using the letters in the word "question", how many different three-letter words can be formed if the middle letter mus... (20 points) There are two parts in this problem. (a) (10 points) For primitive statements a, b, c, and d, simplify the compound state- ment [[[(a A b) A c] V [(a b) A - c]] V - b] - d Simplified an... Given the two equations, solve for x⁵ + y⁵ . x+v=2 XV = 3 = ??? Please show all the steps. Please can you provide explanation also of how to do the given problems. Match column B. Write the letter of your answer on the blanks provided. Column A Column B 1. The fare f of a passenger varies directly as the distance d of hid destination. A b = 2. The Five boys and four girls ate 24 sandwiches. Each girl ate the same amount of whole sandwiches. Each girl ate the same amount of who following pseudocode program (int n) if n = 1 return 0 else return 1+program (floor(n/2)) (a) Prove that on input $n \in \mathbb{N}$ the output is [L o g 2 n] (b) write out the... The decimal expansion of the rational number 16/9 is Find the pre image of y=2 Find the pre image of y=2need a answer. your beginning of the month payments be? 8. A car loan is repaid by making beginning of the month payments of \$194.55 for 4.5 years at a rate of 3.96% compounded monthly. i) What was ... A game is played by flipping a fair coin 4 times. If you obtain 3 or 4 tails, you win \$500. If you obtain 2 tails, you lose \$400. Otherwise you don't win or lose anything. This question has 3 pa... Problem 2: Analytic Optimization [30 points] Consider the following constrained optimization problem: x min $f(x) = x1 + 3.2 - 0.7 \ 0 \ 92(x) = 201 + = 50 \ (2.1... \ 0/5 \ pts \ 5 \ 3 \ 99$ Details A tile store charges \$585.00 to install 130 square feet of tile. Assuming they charge the same rate per square foot regardless of the amount of tile installed, how much would th... Practice midterm with no solutions, any help would be really appreciated! . 3. (1 point) Pick exactly one of the lines from the previous question which is not allowed in an LP and explain why that li... Question 7 (4 points) Consider the radioactive decay formula A=Apekt where A is the amount of radioactive material remaining at the timet. A is the amount present initially and k is the decay constant... business mathematics. Bernal receives a yearly salary of \$43 875.00. She is paid bi-weekly and her regular workweek is 37.5 hours. What is the gross pay for a pay period in which she works 8 hours ove... aphing gress: The movement of the progress bar may be uneven because questions can be worth more or less (including zero) depending on your answer. Which of the following lines is parallel to the line... Please help me with this. Question 14 (3 points) Word Problem Question 1: (You have to submit an image of your FULL solution to the question in eConestoga -> Course Tools -> Assignments [Final E... Use a number line to visualize the following set: $S = \{n \in R \mid 5 < n < 10\}$ (1.) For a single DOF simple harmonic spring-mass system with a spring constant of 8 and mass of 2, find the general solution of this ODE. (II.) Then, apply the initial conditions y (0) = 0 and y(0) = ... Problem Set: D (1) State the appropriate formulae used in solving parts (i) and (ii) of this question then demonstrate the use of the formulae in finding your answers. (i) Determine how many rows are... Solve the following problem.. Peter has 12 relatives (five men and seven men). They do not have common relatives. They decide to invite... F2 = 37 1b F1 = 23 recovery or death 1%1% of the infected population no longer have the disease. Let VV be the number... For reference ((Chapter 19) Topic: Elementary Number Theory Q. Assuming that Pn is the nth prime number, establish each of the following statements: (a) Pn > 2n - 1 for n >= 5. about Friends and Strangers Theorem Suppose entry to a university is determined by a national standardized test. Suppose scores on this test are normally distributed with a mean of 900 and a standard deviation of 150. Tom wants to be ad... You are standing at the opposite wall of the room at a point directly between the two speakers.... Exercise 3.8.26. [S][W] [Goal 3.3] Hard times. In order to avoid layoffs, everyone takes a 10% pay cut." The next day he says... Un fabricante estima que cuando se producen "x" unidades de cierto articulo cada mes, el costo total es C (x)=0.4 x 2+3 x +40 miles de dólares y las "x" unidades se pueden vender a un precio p (... Sketch a graph of the following Maclaurin series near 0. of 9 X 4 3 f (x) xn 18 81 +... = n3n n=1 What is f'(1)? Answer: f' (1) = --c) Suppose f is a function with f(0) = ... [-/1 Points] DETAILS SCALCET9 6.3.AE.004. Example 4 Video Example 6 Video Example 7 Video Example 6 Video Example 7 Vi the bottom of the table that presents bivariate correlations, you can see the note: * p < .05 for e... 1) Solve the system by substitution {+2x+6y=0 {-5x+y=14 3}Solve by Substitution {+2x+6y=-4 {3x+2y=-4 {3x+2yintegral x - 10 dx U = x + 10 Let a, b, c, $d \in R$. (i) Show that if $\{a, b\} = \{a, c\}$, then b = c. (ii) Is it true that if $\{a, b, c\} = \{a, b, d\}$, then c = d? 2) In class we discussed how to write a second-order ODEs is also linear... I estion. For each one of the above, I must answer a, b & c below. . . (a) Find the optimal value z*; comment on whether this value is attained, and if it... When a house by Jack is sold to Jill, Jack makes a profit of 80% Jill later sells the house to Samantha and this time jill makes a profit of 140%. If Samantha and this time jill makes a profit of 140%. If Samantha and this time jill makes a profit of 140% is sold to Jill, Jack makes a profit of 80% Jill later sells the house to Samantha and this time jill makes a profit of 140%. paid \$777 600 for the house h... Evaluation 1. Identify what type of reasoning is applied in the following arguments. Write INUCTIVE or DEDUCTIVE. a. I have to review only the topics that Mr. Cruz discussed in class. My friends who h... Use the maximum principle to prove that the Green's function G(x,y) for a domain Ω is nonnegative. (Hint: excise a
small region near the singularity.) A family friend has asked your help in analyzing the operations of three anonymous companies operating in the same service sector industry. Supply the missing data in the table below: (Loss amounts sh... (20 points) The profile below shows the preferences of voters in an election with 4 candidates (A, B, C, and D). Determine the Borda count winner of this election. Use the table to show your work. Num... i need answers only. Rajah 1 menunjukkan sebuah graf itu. x 2 2 - 3 6 Rajah 1 Ay = x - 3x - 18 By = x - 3x sculpture to display in her office. She paid \$13,000 for the sculpture. A year later, the sculpture is appropriate formula to find the value of the annuity. b. Find the interest. Periodic Deposit Rate Time \$7000 at the end of each year 6% compounded annually 30 years... A pond contains 1000 l of water and initially 5 kg of salt is dissolved. Then, brine is pumped into the tank at a rate... A principal of \$2766 deposited for 2 years and 7 months accumulates to \$4635 at what nominal annual rate compounded semi-annually? State your answer as a percent (not a rate) with 6 decimals . Comp... Show that if {an}∞n=0 is a Cauchy sequence, then {a2n}∞n=0 is also a Cauchy sequence. Is the converse true? Provide a proof if your answer is a YES or a counter-example if your answer is a NO There are three bidders bidding to supply a certain men's store with a certain model of shirt. The bid prices for quantities of 20, 40, and 60 shirts are given below. Which bidders should be selec... To find an approximation to the minimizer of the function f (z) = ez -2VI-1 apply two steps of the method of steepest descent starting from the point To = 0.75, i.e., give x1 and 12. 2. To find a... mathematics binomial. 1. In the expansion of 5 x + + descent for the function f(x1, X2) = X1 + x2 + max (0, (x1)2 + (x2)2-4) at the point x = (0, -2). Encontre a derivada da função f (t) = tanh(t^4-5t^2), e calcule a f' (2,3) grade 12 advanced function. 3) EXPLAIN WHY EVERY DIFFERENCE OF CUBES C HAS ONE IRREDUCIBLE QUADRATIC FACTOR. EXPLAIN ALSO WHY EVERY SUM OF EVEN POWERS IS IRREDUCIBLE TO (ST DEGREE. Let X be a finite set and let A1, A2, A3 C X with X = Al UA2 UA3. Prove that [X] = (All + (A2) + (A3) - [AInA3] + (AInA2nA3) + (AB. What is the magnitud... I need answers for problems 1,2 and 3. 1. By direct matrix multiplication, express each of the following matrix products as a quadratic form: (a) [u vi 2 3] ["] (0) [x] [& 3] [x] (b) [u vi... 4. Let us extend the Ito lemma to the multi-dimensional setting. Suppose we have m Brownian motions We(t), t 2 0, k = 1, ..., m. Suppose we have n Ito processes dXi(t) = ai(t)dt +) bu(t)dWx(t), k... Construction How many supporting columns 887 in. long can be cut from six pieces each 22 ft long? (Hint: Be careful of units.) urgent please help. Given the following conversions how many raspberries would be equal to 6 oranges Show your work and thought processes for determining the answer. 2 grapefruit = 5 mandarins 4 3 man... All athletes participating in a high school sports league are required to be tested for steroid use. Suppose you are 25 years old and would like to retire at age 65 with an accumulated retirement fund from which you could draw an income of \$200,000 per year — forever! Complete the following: ?... Please clearly show the steps and solution addressing each bullet point. 3 Problem Consider an incompressible flow in a periodic 2D domain of side 27 in each direction. Assume the initial conditions ... Suppose that after buying a new car you decide to sell your old car to a friend. You accept a 270-day note for \$3,500 at 10% simple interest as payment. (Both principal and interest are paid at the en... Sir i am stuck for this question . 5. Study the nature of the series using the radical criteria 3 + 23 + ... + n n 3 n Calculate all integers n such that Zn = [(1 + taunts a "real number "a" taunts a "real number "such that <math>Zn = [(1 + taunts a "real number "a" taunts a "real number "a" taunts a "real number "such that <math>Zn = [(1 + taunts a "real number "such taunts a "real number" taunts a "real number" taunts a "real number "such taunts a "real number" taunts a "real number "such taunts a "real number" taunts a "realprod + 5 exerci related to the steps in the otter methods, refer 3. Solve the multiplication problem 237 e two X 43 mely in three different ways: by using the common method, by using the common m Determine the kinematic variables in material coordi... Identify how probability relates to your life, community, or career. Share an instance when you estimated and how... Problem 1: For a class project, a student wanted to do a quality control test on potato chips. They went to the Costco store and bought a 54 pack of 1 ounce potato chips, including Lays Classic, La... Determine the indicial equation and its two roots for the equations in Problems 8 through 1 1. 9. 4x2y''(x) + (1 - 2x)y(x) = 0. x'y In(z) Determine fyz for f(x, y, z) = $+x2\cos(yz)$. 22 (C) For Qualitative Variables (1) Choose one variable and create a bar graph. Describe the variable as to frequently occurring value, less prevalent value and the like. (2) Choose another vari... I dont know why people are asking me to edit this but I can't so please just answer the question at your best.. ework Maggie Vitteta, single, works 38 hours per week at \$22.00 an hour. How much is tak... statistical studies with data chosen by us for which we will calculate: -relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute and relative frequencies increasing and decreasing cumulation of absolute [Congruent] [Not] p Problem 1There are 10 firms emitting pollution. The cost to firmiof achieving the emission leveleiisCi(ei) = (i + 2 - e1)2 fri= 1,2,...,10. This implies that firm 1 has cost functionC1(e1) = (3 - e1)2; fi... Partial derivatives zx(x, y), zy(x, y), and Zxy(x, y), where z(x, y) is defined by $xyz = \sin z$. Cash Paid jobs in 3..) Login - CVS Health [0/2 Points] DETAILS PREVIOUS A Write the equation of the line described. Through (8, 3) and (-3, 2) Need Help? Submit Answer [-/3 Points] DETAILS HARMATHA F... Please solve. 37 f(x) = -45e-0.2x - 18x + 10 39 f(x) = -45e-0.0.103 - 40x 43 f(x) = 40e-0.05x + 6x - 10 44 f(... solve the equation assemble the truth table. 59) Para a equaca a seguir, mon (p-r) -r If each observation in the set of values (X,Y) is divided by 100, the regression coefficient of Y on X is O Question 5 Solve the absolute value. 2 - 10x - 8 = 10 X = Enter your solution(s) as integers or reduced fractions separat Question Help: Message instructor . "webassign.net/web/Student/Assignment-Responses/last?dep=27416921 ATI liberty Dashboard Learn - Study the table below and answer the questions that follows. Show complete solution. Gross Sales (in 100-thousands) Made by 4 Medical Representatives During the First 6 Months of 2021 Medical R... Don't understand. 30/ do 5. David Dawson earned \$5,010 but paid 4.5% in social security taxes and 1.75% of his earnings in Medicare taxes. What were his net earnings after paying social security and M... Let S" be the space of symmetric matrices of size n x n. This space has ("3-1) coordinates. For instance, S2 = {(3, fig) : :31, 322,333 6 R}. Let Si}: be the set of positive semidefinite... 4600 is invested at a time 10 are 8200. Calculate A(7,10) if A(0,9)=1.8 A(2,4)=1.1 A(2,7)=1.32 A(4,9)=1.45 Let A be an n by a, oonsingtflar matrix and consider the linear system An: = I). Also assume that A is strictly diagonally dominant. Using Gersohgorin's Theorem, show that for an}, r initial iter... could you please explain the answers to this question especially at how they arrived at p0,p1,p2,p3 and how they determined c1,c2,c3. ... IS 5 164. On : For S = 3, find coefficients (be , b2, by)... (a) (6 points) Due to a variety of factors, international shipping of many goods is currently delayed. What might businesses have to do to avoid oscillations in supply caused by these delays? (b) (... Sir i am stuck for this question its an clear picture . For each of the following limits evaluate it or show
that it does not exist. Either way, you must give a full Justication for your conclusion o... Topics: Functions Rational Functions, Equations and Inequalities Please give explanation/solution to every number. . 1. A restaurant owner can prepare a budget meal at Php70.00 each with an addit... LO9-1 23. Jamison is a single dad with two dependent children: Zoey, age 7, and Conner, age 3. Me has an AGI of 533.000 and paid \$3,600 to a qualified day care center for the two children What amount ... Decide which of the following statements are True. Answer O The x-axis is a vertical asymptote for all normal distributions. O The total area under a normal distribution curve equals 1. O There is onl... You must deliver cases of product to a customer who has placed an emergency order and requires immediate attention. The only option available is to use the company's half-ton pick-up truck. The produc... The wheat production (in Kg) of 20 acres is given as: 1120, 1240, 1320, 1040, 1080, 1200, 1440, 1360, 1680, 1755, 1720, 1600, 1470, 1750, and 1885. Find the guartile devi... Problem 1. Find the amplitude and period of each function and sketch its graph. a) $y = -2 \sin b$ $y = -2 \sin b$ y = b'p s.t. Ax > b s.t. Ap < c X ... wajahnya, ayunya parasnya, birunya matanya, serta jilbabnya yang menuntai menutupi semua anggota auratnya. 'Astagfirullah", aku mencoba melepaskan jerat pandangan setan. Ku beranikan hati dan dir... Suppose that four successive terms of the Fibonacci sequence are chosen. Multiply the first and fourth. Double the product of the second and third. Add the squares of the second and third. The three r... For the TED talk of Arthur Benjamin and Eddie Woo. Give at least 5 common points of the video. References The magic of Fibonacci numbers | Arthur Benjam... TIME SERIES -- THIS QUESTION IS ALMOST THE SAME TO THE QUESTION ABOVE WHICH COMES WITH SOLUTION... how to do it. 1. Given the geometric sequence a , 1,4. k,... (a) Determine the first term a, the common ratio and the value of k. [6 marks] (b) Find the least value of a so that the sum of the first ~... Problems for studying... Venn Diagram Worksheet Create a Venn Diagram and answer the questions for the following situations. Show all answers as fractions and percentages. Round to one decimal place. ... From the complex analysis pls solve this problem! thank you! 15–20 SEPARATION OF A FOURTH-ORDER PDE. VIBRATING BEAM By the principles used in modeling the string it can be shown that small free vertical Vibrations of a uniform elastic beam (Fig. 292) are mode... QUESTION 2 . 1 POINT There are 221 Starbucks in Indiana and the state has a population of 6.663 million. Write the Starbucks per capita in scientific notation. Provide your answer below: Content attri... Help needed understanding these. How many ways can 8 DVDs be arranged on a shelf? Submit Question Two dice are rolled. What is the probability P(sum is 12)? O 11 O 36 A 1' O 18 5 O 36 Return to question Rhonda Brennan found her first job after graduating from college through the classifieds of the Miami Herald. She was delighted when the offer came through at \$16.40 per hour. She c... Solve the system of equations below. You may want to use the method by substitution starting with the second equation. 3x - 2y = 345x + 10y = -10 Enter the exact answer as an ordered pair, (x, y). Let $E = \{L, L, L\}$. That is, E is the alphabet consisting of the fear symbols (,), [, and]. Let L be the language over 2 consisting of strings in which both parentheses and brackets are balanced... Mathematics in the modern world. MATH 101 - PRELIM EXAMINATION 1. Answer the following nth term if n=5 until n=20. Show your solution. 2. Continue the following series of numbers considering the seque... Please answer the following nth term if n=5 until n=20. Show your solution. question. Question 17 (4 marks) Suppose that 21122123 are in [C with |z|| = 1 = |22| = |za|. If 21 + 22 + 23 = 0, Show that $z^2 + z_2 + 23 = 0$. (Hint: |z| = 1 implies that g ... business mathematics places need help. Lesson I. Performance Task Solve each of the following problems below completely and neatly. 1. Find the value of x that satisfies the equation 156 + = 30 2 A s... Hi, please help i am not sure what to do keep getting wrong answer Don't understand these problems, need explanation. The following refer to the following refer to the following data set: 45.6 21.9 63.4 42.8 63.4 dentify the histogram for the frequency distribution below. 57.8 32.9 46.6 31... Please show all work!. Let X be a set and A, B, C C X. Prove the following set equalities: (a) AU(BUC) = (AUB) UC. (b) An(Bnc) = (AUB) UC. (b) An(Bnc) = (AUB) UC. (b) An(Bnc) = (AUB) UC. (c) An(Bnc) &... Interior Design Complete the following invoice for upholstery fabric: (a) 54yd (a) \$12.37 per yd = (c) 31% yd (a) \$16.25 per yd = (c) 31% yd (a) \$17.75 per yd = (c) 31\% yd (a) \$17. 3 -1 -2 - 3 -7 do Let n 2 2 be an integer. Denote Sn = {(P1, ..., Pn-1)TER-1 : 0 < pi < 1 for 1 < i < n - 1, and 0 < 1 - > pi < 1}. i= 1 Let (pi, ..., pn-1)TE Sn be a fixed vector. Consider the Cross-E... Question Determine the probability of rolling a number greater than, or equal to, 5 on a single, six-sided die. . Express your answer as fraction. Provide your Think of 790 as 10+ some number (Second select row) Regr... Sir i am stuck answer below: (8 points) Let $f:[0, co) \rightarrow I$ be a function such that $f(x) \in Z$ if and only if a e[0, 4). Evaluate the following limit with justification: lim [cos(a f(x))]" dx. n-100 Jo 790 + (340 = 790 + (10 + (Select) Think of 340 as 10 + some number for this question . (2 points) The characteristic polynomial of a DGLis (r - 2)*(r - 4)? = 0 given. (a) Find the homogeneous differential equation with constant coefficients. Use the no... using One-way ANOVA Using the employee attitudes data set, evaluate the whether there are mean differences in "work centrality" (workc) and "job satisfaction" (ojs) across the different industry ty... Sir i am stuck for this question . 4. By using the formulas and the derivation rules, calculate the partial derivatives of Ordinary Annuities & Deferred Annuities, explaining the terms used with practical examples. start with an unlock code 100 for each of the following statement number to the unlock code for each false statement number to the unlock code for each false statement number to the unlock code for each false statement number to the unlock code for each false statement number from the unlock code for each false statement number for the unlock code for each false statement number false statement number for the unlock code for each false statement number for the unlock code for each false statement number false statement number for the unlock code for each false statement number false statement diagram. 3C - B C Consider the wstem :'c = -3x + (1 + x2)u Although the unforced system has a globally exponentially stable equilibrium at x = 0, the right-hand side is not globally Lipschitz in x and a. To see this... I want the simpfly of the last step. (7) = Fi + Fit = FiFI Go/to 49-5+5-FIF.- tan 82 4rT Fit Aigalte Let p represent the statement "Tyler collects DVDs" and let q represent the statement "Josh is an art major." Convert the statement "Josh is an art major." into symbols... Compute $\int 0 2 \pi 5 - 4 c \circ s \theta d \theta$ by integrating a function around the unit circle |z| = 1. Common factor the following: $16 \times 2 - 8 \times 4 - 12 \times 3 - 16 \times 2524 - 8 \times 2 + 8 8$

grouping: 2×2 + ay - ax2 - 2y 24×3 - 6×2 + 8x - 2 9×3 + 36×2 - 4x - 16 grade 12 advanced function. COMMUNICATION () SHOW THAT THE EQUATION 5 WHICH CAN BE EXPRESSED AS A LOGARITHM IN ... a) BASE 2 6) BASE 10 C) BASE a ~ 1 hour QUESTION 21 . 1 POINT A recent survey of 1,800 people found that out of all respondents, only 732 clip coupons. a. Express the ratio of those who clip coupons to the total as a decimal rounde... The parametric equations to represent the line segment from (-5, 7) to (1, -3). X = X1 + (X2 - ... We defined the line segment from (-5, 7) to (1, -3).Borel sets B as the σ -field generated by the collection of open intervals of the form (a,b), with $-\infty \le a < b \le \infty$. A common alternative definition is the following: The Borel... jokegaiwiwi. For the following power series, a. find the radius and the interval of convergence and diligence of the end points of the convergent interval. xk 9.) K= 1 Please see the following questions, 1-6...1) What are the taxes Mike would have to pay on a Fort St. John property assessed at \$ 1,000,000 if the mill rate is 17.50? 2) Mario recently sold some Enb... Consider 5 data points written as (x,y) where x is a realization of the independent (predictor) variable and y is the matching realization of the dependent (response) variable: (1,2), (2,4), (3,3), (4... business mathematics. Question 7 (1 point) Which of the following is NOT an example of Fixed Cost? Management Fees Transportation Charges Property Tax A homeowner wants to install baseboard around along the walls of a room that is 13 feet by 11 feet, with two 3- foot-wide doorways in the room. How many feet of baseboard will she need? You do not nee... QUESTION 2 . 1 POINT Leander planted 100 acres with soybeans and he plans to increase his field size by 3% each year. Write a model to represent the size of his field (in acres) in any given year. Pro... Let X be a set. For each A C X, define XA : X - {0, 1} by 1, YEA, XA(X = 0, xEA. Prove the following: (a) If A, BCX, then XA-B = ... In this question assume, for simplicity, that all functions are defined for all t e R. Diagrams may be helpful. Please feel free to use them in your solution. (a) Define the statement, "The funct... please help me answer this see some photo attached below GOD BLESS/!!. Direction: Answer the following questions/problems. Write the letter which corresponds to your answer on the blank provided befor... Use a rectangular array model to solve the multiplication problem. Be sure to show the partial products. 23 x 52 50 1000 350 X 20 X 56 X Enter an exact number. 23 x 52 50 1000 350 X 20 X 56 X Enter an exact number. X 52 = eBook Submit Answer 6. [-/1 Po... For the equation: -3x - 7 = -25, what is the value of x? Task 1: RK4 on a Second Order ODE (20 pts) Solve Problem 25.4 (6" edition) using Python. Create a script that runs your solution and name it a 5task1.py. You may create other functions to support ... just need them rearrange please. Name Date Rearranging and Understanding Formulas Rearrange all the equations to get "p" be itself. Place the correct lever next to each number f = wpy 2. f = ... 1 Use the intercepts to graph the equations. x = -4x = -4xsaved Done VO . . . Question 1 < > 0/1 pt 5 3 99 Details Solve 2x- + 9x = 0 Separate answers by a comma. Write answers as integers or reduced fractions) The Kita's are looking to purchase a new home. They have a combined gross annual income of \$94,500. The mortgage payment would be \$1,200 per month and the property taxes would be \$4250 per year; h... Game theory: Consider the coalition game (P,v) with P = {1,2,3} and v defined by: a. Is this game essential or inessential? Why? b. Write a linear programming problem that will determine whether the co... A market research company surveyed 100 homeowners and asked whether or not they had installed water-filtering system in their homes. Identify the most appropriate graphical display for these data. ... If an object with mass m is dropped from rest, one model for its speed v after t seconds, taking air resistance into account, is mg (1 - e -ct/my I where g is the acceleration due to gravity and c... I'm having trouble with a linear second-order recurrence relation for both the general and the particular: X(n) - 3X(n-1) + X(n-2) = 3 for n > 1 x(0) = 0, X(1) = 1 This was an inhomogenous case, so ... ub- 4. Allie solves the subtraction problem 304 - 9 as OW follows: ion 2 14 Ive 304 ase 9 ild 205 to Explain to Allie what is wrong with her method, m and explain why the correct method makes sense. 5... Hi, i am not sure what to do please tell me how i can do A+B=A-B=AB=BA=CB= thank you give me the right answer so i can practice tasks 1 A is 3×3 matrix with three distinct eigenvalues and P = 1 1 is a matrix that diagonalizes A. 0 1 Which of the following matrices must also diagonalize A? (1 mark) 1 0 O ON N OO C HOO WHO O OH O H... Let $f \in C[a, b]$. Prove that the best uniform approximation to f by a constant is given by $p * 0 = 1.2 \max x \in [0,1] f(x) + \min x \in [0,1] f$ evaluate the double intergral. 4) z = f(Rig) = x + 4 and For F(x19.2) = Mit Nit PK G(x,g) = (M + Pf); is a conservative field. Determine if ... Find the Laurent series for f(2) = -(2 - 4)(2 + 1) in the annulus 2 < z - 2 < 3. Write your answer in summation notation. Adapt the geometry basic lesson plan to provide additional development of the ideas, additional student communication, and additional monitoring of learning. Find the periodic cubic spline sp(x) passing through the 3 points (r, y,) given by (0, 3), (2, 1), and (3, 2). Then evaluate sp(1). Hi my name is Annabelle , and I'm is the 6 grad, I need help with Mathematics and English and so I in to be tutored but if you can't is ok also have a great day or night.?? every year james elementary school sets a goal to collect 32,000 cans of food. if they meets their goal for 4 year, how many cans of food will they collect - 1 hour 0/19 Celeste has been monitoring her weight. In January she weight 172.8 pounds and in December she weighed 161.4 pounds. Calculate the absolute and relative change in Celeste's weight from ... Use Evolutionary Solver to solve this non-linear program Max: 4x 2 +0.35y 3 -1.8z 4 s.t. 4 ≤ x ≤ 19 4 ≤ y ≤ 18 5 ≤ z ≤ 21 a. What are the optimal values of x, y,z? (Round your answers to ... #1 try making up a cluster of problems for 86 x 42. Include all possible problems that you think might be helpful. Then use your cluster to find the product. is there more than one way? #2 think ab... 4. Propose an ADMM method to solve m min CERn E (1 - bi((2, ai) + w)) + + 7 1/2/13, WER i=1 where a; E R", bi E {-1, 1} for i = 1, ..., m, >> 0, and (.) + is defined by (t) + = max {0, t... Does the equation to find the coefficient of induced drag require a conversion once you determine the results. $295(W)/V^2(S)$ Does the result need to be converted because i am ending up with a hug... Q4 (10 points) We have two planes intersect in a straight line L. Find the distance from the origin (that is, a point wit... p qr - p ~p Vr (- pv r) -> q with magnitude F = 240 N, are applied to the wrenches. Calculate the moment vector of the couple. Express the result in vector notation. Hint: use the right hand rule to locate t... With a first and second degree Lagrange interpolation polynomial evaluate: ln (2), x0 = 1, x1 = 4, x2 = 6; f (x0) = 0, f (x1) = 1.386294, f (x2) = 1.791759. The true value of ln (2) = 0.6931472. And w... mathematics economic and business. 3. Given the national income model Y = E; E = C + I; where C = 280 + 0.6Ya, lo = 80, T = 0.2Y (that is, t = 0.2): (a) Write down the value of the intercept and slope... Plz help me out. Word Problem Question 2: (You must upload an image of your FULL solution to the question in eConestoga: Course Tools, Assignments, [Final Exam Submission]) Dean and Cindy have a \$295,... can you help me with this question I'm struggling and need more assistance with this question]) Dean and Cindy have a \$295,... can you help me with this question I'm struggling and need more assistance with this question]) Dean and Cindy have a \$295,... can you help me with this question I'm struggling and need more assistance with this question]) Dean and Cindy have a \$295,... can you help me with this question I'm struggling and need more assistance with this question]) Dean and Cindy have a \$295,... can you help me with this question I'm struggling and need more assistance with this question]) Dean and Cindy have a \$295,... can you help me with this question I'm struggling and need more assistance with this question]). Profit Analysis, Break-Even, Markups & Markdowns 1. A manufacturer plans to introduce a new type of shirt based on the following information. The sel... by using gausss theorem evaluate the surface S is $x^2 y^2 = 4$, z=0 and z=3 above the xy-plane in the first octant The following product can be expanded into a power series with coefficients ag: 100 3 II n=1 Find the coefficients a, in front of the individual r* terms for all ke N. X Your answer is incorrect. The gym lock. A lock has a disk with 27 numbers written around its edge. The combination to the lock is made up of three numbers (such as 12-33-07 or 19-19-08). How many di... a) Use the factor theorem to determine the factors of the function f(x) = 10x + 41x + x - 12. b) Use the factors of the function to solve the equation 0 - 10x + 41x + x - 12. b) Use the factors of the function to solve the equation 0 - 10x + 41x + x - 12. b) Use the factors of the function to solve the equation 0 - 10x + 41x + x - 12. b) Use the factors of the function f(x) = 10x + 41x + x - 12. b) Use the factors of the function f(x) = 10x + 41x + x - 12. b) Use the factors of the function f(x) = 10x + 41x + x - 12. b) Use the factor f(x) = 10x + 41x + x - 12. b) Use the factors of the function f(x) = 10x + 41x + x - 12. b) Use the factor f(x) = 10x + 41x + x - 12. b) Use the factor f(x) = 10x + 41x + x - 12. b) Use
the factor f(x) = 10x + 41x + x - 12. b) Use the f hours to a patient | The half-life of the drug is 4.8 hours and the volume of distribution is 7 2 L F... Trying to find x and y !. Stimulus 4.1 Understanding Systems, Substitution Meth Use the system of equations below to answer the followin 2x + 3y = 3 MATH 1053 quantitative methods of business stayway is travel booking site to plan your perfect holiday. they specialise in offering hot hotels prices for stays. they use a daily electronic pricing ... (5 pts) Find the mass and center of mass of the rigid body $B = \{(x, y, z) : -1 < x, y < 3, -1 < < <2+x+y\}$ with mass density function u(x, y, z) = 9 - z. estion 2 (1 point) an = 2 and 6" - 3. What is the value of a ? b n a 3nb 27 Is it possible to have a 7/8 inch outside diameter heater hose, with an inside diameter of 29/32 inch? Maroon Company received an invoice for \$242,000 dated November 26th with payment terms 4/5, 3/20, n/45 EOM. a) What is the last day for taking advantage of the 4% discount? (1 mark) b) If a partial... Rent a Rower charges \$15 per hour to rent their boats. Boating Bob's charges \$12 per hour plus an \$18 fixed maintenance fee. When will both companies charge the same amount? (5 marks) Determine la longitud total de una correa plana que un exteriormente dos poleas de radios de 12 y 24 cm, respectivamente y cuyos centros se encuentran a 54 cm de distancia. Hello, I really need your help right now and need you to provide correct answer and solution for this one as fast as you can. Thank you! (16-20). Question 20 Not yet answered Solve the rational equa... Given a scenario where "how should a manufacturer of some product decide how many units of that product should be manufactured each year and how much to charge for each unit?" a. identify a probl... Question 4 (2 points) Find the horizontal and vertical components of the force shown below. State which component is vertical in your answer. X 295 F=333N Suppose you calculate a 95% confidence level for u to be (10, 20). If we were testing: Ho: M = 15 Ha: M # 15 What would your conclusion be at the 5% level of significance? O Reject HO. 15 is a likely ... Question 15 You have taken a loan of \$75,000.00 for 20 years at 3.7% compounded quarterly. Fill in the table below: (Round all answers to 2 decimal places.) Payment number Payment amount Principal Amo... Let f: Z×Z→Z×Z be a function defined by f((x,y))=(2y,5x-y). Find the composition of the function with itself. Hooke's law states that there is a functional relationship between the length L of a piece of mild steel wire and the weight W of the load attached to the wire, modelled by LIZW) = aW + b where a an... Tim bought 50 shares of Clarky stock at ₱685.00 per share and paid ₱956.00 commission. Find Tim's total investment. A skater, initially at rest, pushes on the boards with an average force of 235 N [W]. The skater's velocity after 0.85 s is 3.5 m/s [E].(a) Draw an FBD of the skater (2C) (b) List ALL action-reactio... Em quantas prestações mensais de \$1.004,62 será pago um título de um clube de campo, se seu valor a vista for de \$10.000,00 e a taxa contratada for de 3,0% a.m.? . 1 - 6 Enterthe matrix 5 _1, using correct syntax. 9 0 How to enter your answer: The Maple syntax for, say a 3 x 3 matrix. is: Matrix [[:, .5, c],[rI, e,j],[g, IMF"]. Note that each row is enclo... Question 14 < 0/10 pts 100 8 Details The pressure P (in kilopascals), volume V (in liters), and temperature T (in kelvins) of a mole of an ideal gas are related by the equation PV = 8.317. Find the... 4 (b) W N = (Type an integer or a simplified fraction.) Need help with step by step solution. CCP Math 121 4. (15 pts) Given the Boolean expression Y = ABC + 000 - 7500 7+1 (1+0.5426%) 25 X (1to. 5426%) 25 X (1to. 5426%). O . 54 26 %. SUBJECT : GENERAL MATHEMATICS TOPIC : INTEREST AND ANNUITIES. 1. Php 17,000 is invested for 5 years at 0.15% simple interest. How much is the future value? O Php 18,275.00 O Php 18,275.00 O Php 17,127.... QUESTION 6.1 POINT Bethany prefers to drink Orange Crush which contains 195 calories per 12 ounces. If Bethany drinks a 32 ounce Orange Crush, how many kilometers did she run how many miles round your answer to two decimal places if necessary .Please use AHP method to help you make the decision for your fiture plan after graduation. Please use at least four different evaluation criteria, and evaluate at different options. Here are some e... Find the vector x E R" minimizing F(x) = 1QxllRx + Allg - Hx|in where Q, H E Rnxn and g E R" are given and A is some parameter that can be tuned for the application. Question 3 7 pts 1 99 0 Details Next A mayor running for re-election claims that during his term, average municipal taxes have fallen by \$175. A conscientious statistician warkers and bus drivers. Cafeteria workers earn R.13 800 per month and bus drivers earn R17 250 per month. The school board gave th... Question ONE a] Define a birth process 1 Marks b} Consider the following setting for a hospital's patient service; 1 2 -m 3 4 -m 5 6 -m 7 0.1735 8 9 0.5677 0. 51 10 0.7739 11 -m i}. Assuming a singl... (4 points) Use the quotient-remainder theorem to find greatest common factor of 429 and 273. This is GCF {429 273}. 4. (4 points) Find all integer solutions of the form (m, k) to the equation 5m ... Formulate a ration containing soybean hulls to be fed to 575 lb barzona-cross beef cattle. The ration will contain 15.50% CP and 68.0 % TDN. The total daily ration intake per steer will be 15.0 lbs/... PLEASE ALL WORKING OUT . Section 2 Part A Water flowing through a pipe with an internal diameter of 'i m moves at a velocity of 2.4 mfs. Assume the pipe is full and the densityr of the water is... Prove that (tn) converges and find the limit. 8. Let (3") be a sequence of positive real numbers converging to a positive real number of 'i m moves at a velocity of 2.4 mfs. Assume the pipe is full and the densityr of the water is... Prove that (tn) converges and find the limit. 8. Let (3") be a sequence of positive real number of 'i m moves at a velocity of 2.4 mfs. Assume the pipe is full and the densityr of the water is... Prove that (tn) converges and find the limit. 8. Let (3") be a sequence of positive real number of 'i m moves at a velocity of 2.4 mfs. Assume the pipe is full and the densityr of the water is... Prove that (tn) converges and find the limit. Analysis 1. Find the images of the disk C1(i)={z: I z-i/2 I = 1}, reciprocal transformation w= 1/z 2. find images of 0<x<1/2, reciprocal transformation w= 1/z 1/2 in the images of 0<x<1/2 in the image of 0<x<1/2 in the images of 0<x<1/2 in the image of 0<x<1/2 in the images of 0<x<1/2 in the image of 0<x<1/2 i find t... Problem 3. (25 points) Consider the transport of a negatively charged species in a thin solid film of thickness H. A uniform electric field acts along the thickness direction (x-direction) of the film... Incements Suppose that you and your friend both need to borrow the same amount of money. ments . You borrow money from Bank A, which offers loans at an annual ssions interest rate of 4.9% with continu... I am trying to understand this question. Please provide an explanation of the answers.. 35.2. (This problem requires a knowledge of elementary linear algebra.) II' A is a constant matrix, then M: + Ax... solve 1 and 2 please. PART C: COMMUNICATION 1. A logarithmic function y= log x has been vertically stretched by a factor of 5, horizontally compressed by a factor of - and then reflected in the y-axis... Question 1: (6 points) Professor Clever has designed an approximation al-gorithm. We run ... Discreate Math Plz write solution in print not cursive, Thanks. Is Mathematics invented or discovered? Give 3 concrete examples to justify your claims. Problem 9: (5 points) Complex differentiable functions are functions are functions that preserve angles between any two curves after the transformation. And they locally resc... Developing mathematical thinking and problem solving about real world situations through what is called anchored instruction. Explore around six complex mathematical problems for you to solve. Choose ... compare and contrast inductive learning and concept attainment strategies. Use the following formula to answer the questions: Maintenance fluid requirement: 50 ml / kg /day 1) Calculate the total fluid needed to maintain and rehydrate the patient over 24 hours. Use the infor... Quantitative Reasoning Date Class Time Activity: Types of Growth In the 90s there was an alarming increase in the number of automobile collisions with moose in northern New England. At the time this w... 1. Consider a species N(t} which is subject to harvesting and which evolves according to dN -:
2 - a N3:- N) m. Here T > D is a fixed parameter and h is the harvesting rate that can be v... Jessica opened a bank account that earns 2 percent interest compounded annually. Her initial deposit was \$100, and she uses the expression \$100(x) to find the value of the account after t years. Jessi... Remaining Time Select the Direct loops to simplify the given function in SOP (sum of products) form: Note: To select both sections that e... Rakena Mines wants to build a fund to start an impossible object construction company by making regular end-of-month deposits for 15 years. Assuming an APR of 6% if she wants. \$60,000 in 15 years, ho... After his finances are taken care of, Pierre's next task is to plan his senate run. Pierre consulted with a philosopher and an economist who helped him to come up with a numerical scale that can be us... Calculate the Doppler shift (in kHz), if the transmit frequency is 5 MHz, the velocity of the flow is 45 cm/s, and the Doppler angle is 60 degrees. Group of answer choices 2.92 16200 162 1.4... What data are needed to enrich your observation? How can you improve your observation? How can you improve your observation? ago, his age was half his Exa brother's age. What is David's age now? David + 5 = his brother Business Mathematics Topic: Annuity . Directions: Find the future value and the present value of each ordinary annuity. Principal Ra... Delta pays Pete Rose \$270 per day to work in the maintenance department at the airport. Pete became ill on Monday and went home after 1515 of a day. What did he earn on Monday? Assume no work, no pa.... Determine the composite function state the domain and range. (a) f(z) = 323 - br + 6 and g(r) = r' + 3x (b) fir) = 2" and g(x) = 3 - 1 (c) fir) = si... In a brand recognition study, 956 consumers knew of Google, and 24 did not. Use these results to estimate the probability that a randomly selected consumer will recognize Google. Report the answer ... Jenna & Aadan purchased an item valued at \$233,000. They paid \$37,280 down and financed the rest at 4.18% compounded annually. To reduce the amount owing to \$45,894 at the end of 4 years, what siz... Please provide Handwritten answer. Question 1. Understanding market completeness. There are four assets and four states: a, = [10-k 40 - 48 0 0... This is Microeconomics subject Problem: Sissy loves to eat sushi. Usually sissy consumed 20 sushi a week. But when the price of sushi raised from Php 2.50 to Php 3.00. Sissy can now only buy 16 sush... please solution. 5. Kelly is flying a kite in a field. He lets out 40 m of string at an angle of 72 with the ground. Determine the height of the kite above the ground to the nearest metre. a) 12m b) 3... Let G = (V, E) be a directed graph (digraph) given in the following adjacency-list representation: for each vertex v \in V we have a linked list of out-neighbors of v. Assume that V = {1, ..., n} a... need help?. H Review ... < Question 7, 2.2.38 List all the subsets of the given set. {blackberry, apple, ... OF 6. One-Dimensional Euler equation can be written as + =0, where O is the conserved variable at ax vector and F is the flux vector. a. Use Taylors series expansion to discretize the above equation u... I need help with this one question below. I think it is option 3. I don't need an explanation just wanna know the answer pls asappp! the second pic shows the options more clearly Why does the composi... Project desc Solve this problem My name starts with ABHIS. you would require this information to solve the problem. Many Thanks You are able to use public transportation. However, in 4 years you would like to purchase a car and you plan to have \$10,000 saved. If you pu... hey please help me I need submit my homework. Expression Value of a determine the menu of a dinner entree with the following information, I would like to know the final menu price of the steak entree. I'm confused, can you please show work for me to un... VO ILC MPM2D Learning Activity 2.5 Assessment of Learning 17. Points A(5,9), B(-3,3), and C(7, -5) form the vertices of a triangle. M is the midpoint of AB and N is the midpoint of AC. Use this inform... Explanation needed please. Giving a test to a group of students, the grades and gender are summarized below A B C Total Male 8 10 14 32 Female 4 17 19 40 Total 12 27 33 72 If one student is chosen at ... A bag contains 1 gold marbles, 8 silver marbles, 8 silver marbles, and 26 black marbles. someone offers to play this game you randomly select one marble from the bag. If it is gold, you win \$3. If it is silver, you wi... What makes a unit rate different from another rate? 6. Explain the different from another rate? a unit rate different from another rate? a unit rate different from another rate? Calculate the amount of pay, given hours worked, and hourly rate. (The formula to calculate payroll is pay = hourly rate * hours worked.) Display ... Using a math drawing, explain why dividing both the numerator and denominator of by 2 produces the same number (an equivalent fraction). Discuss how to see division by 2 in both the numerator and d... How many elements does the set { - 5, - 4, - 3, - 1, 0, 3, 6, 7, 8, 9} have? O Infinitely many elements. b. How much love did they have for each other after 4 weeks? Show your work. Jack's love units after 4 weeks: Diane's love units after 4 weeks: 6. (2.5 pts) At the beginning of week 5, they br... Solve by using row operations / augmented matrix. 2. Find a standard equation for the plane. Consider a mixture of two Gaussians, NW1, 0'?) with density function f1 (x) and proportion in, and NQLLQ, 0%) with density function f2 (3:) and proportion 772. rThe EM algorithm iteratively updates th... Please show all work!. Let X be a set and A, B C X. Prove or disprove that A X B = B X A. What is a lower-bound for the spark of a matrix? The line L1 passes through the points A(-4, 2) and B(11, 7) The line L2 is parallel to L1 and passes through the point C(5, 0) The line L3 is perpendicular to L2 and passes through the point D(-... (b) Which of the following problems are convex. Please give a short justification for your choice. (1) max 5×3 -In($3 \times 1 + 2 \times 2$), s.t. $3 \times 1 + 2 \times 2$, s.t. $3 \times 1 + 2 \times 2$, s.t. $3 \times 1 + 2 \times 2$... please give a short justification. Chapter 3 Applications. of Trigonometry What is the area of the field? B 300 ft 108 600 ft A 400 ft 700 ft 810 D on: (a) Recall that the path graph on n vertices has vertex set $V = \{1, \ldots, n\}$ and edge set $E = \{\{z, i + 1\} : i = 1, \ldots, n - 1\}$. How many 3—colorings does the path graph on n vertices have? (hint... Mrs. Dizon bought some fruits to sell; avocados were worth P250.50, mangoes were worth P470.62, caimitos were worth P325.25. After selling them to her neighbors... tell me please. Let R be a region bounded by a piecewise smooth closed surface S with outward unit normal n = nritny j +nz k. Let u, v: R - R be continuously differentiable. Show that av uvnz dS. Ox ... Perform the indicated operation. Let A = 2324 and B = 04. Find 3A + B. \$ 1006135180613110 please. help me. with this. question let f be anti-analytic functions on C. - Show that f... At the end of the lease on their apartment, Abe and Bonnie decide to rent separate places and so must make a fair division of the property they purchased together. The items to be divided and the po... would you please help me with this problem, I am struggling to do it A is the circle where |z| = 1 and B is the circle where |z| = 1 and B is the circle where |z-1| = 1. Now let $C = e \pi i / 3 = 21 + i 3 \dots$ "Can every odd number greater than 3 be written as the sum of two prime numbers? If so, prove it; if not, find the smallest counter-example and show that the number given is definitely not the sum of ... From the complex analysis. thank you.. Problem 1. (2xy-x?) do + (x ty') dy C is y=x2, yz=x , Prove that line integral C Problem 2. zdz CH (0) Prove Problem 3. 2 z dz Prove C, (C is 1 to 1+i straight... An observer in a fishing boat watched as an osprey dove under water and re-emerged with a fish in its talons. The following table shows the bird's estimated height above the water as given by that obs... if f(x) = 4/(x+1), find f(0) + f(1/4). 10. If f(x) = 4/(x+1), find f(0) + f(1/4). Problem 1: Find the Laplace transforms of (a) $f(t) = 3t2 - 5 \sin 4t$ uestion 4: Show that the subdifferential of a convex function f : R" -> R is a monotonic mapping, that is, the following inequality (s' - s2, x] - x2) 2 0 is satisfied for all s' e Of (x]), s... Consider A ∈ \$\mathbb{R}^{n} x n} mutual coherence, and RIP of A and A[~]? A jogger transforms 16,600 J of energy in 8.4 min. What is the jogger's power? Express the answer in kilowatts. GRAS de cuantas maneras vilma podra seleccionar los sabores de helado, si hay 6 sabores disponibles y ella desea por lo menos 4 sabores please help with this. Let A be the annulus 1 < |z| < 2 and let D be the annulus 0 < |z| < 1. In this problem we will show there is no biholomorphism from D \ {0} to A. (Recall that a biho... It takes 8 units of carbohydrates and 2 units of protein to satisfy Jacob's minimum weekly requirements. The meat contains 2 units of carbohydrates and 2 units of protein to satisfy Jacob's minimum weekly requirements. jury for a criminal case will be selected from 15 men and 16 women. a) What is the probability that the jury will have 6 men and 6 women? [1k/1A] b) What is the probability that at... Please prove the following statement with a formal proof structure and explain each step. Thanks! *I will upvote Lattice Multiplication 1) 25 x 13 2) 58 x 25 2 5 5 8 3) 221 5 5 8 3) 222 5 5 8 3) 222 5 5 8 3) x 344) 16 x 73 6 W V 4 W 5) 43 x 19 6) 44 x 21 7) 34 x 29 8) 92 x 16 9) 123 x 24 10) 235 x 13 3 2 3 2 5 2 3 4 Question 1 (1 point) What is the gradient function for flx)=x3+2x O ((x+h)3+2(x+h)-(x3+2x)) g (x) = h 0 g(x)=x3+2x + 3 \times 2 Convert the given
exponential function to the form indicated. Round all coefficients to four significant digits. f (t) = 3.5(1.007) t; f (t) = 3.5(1.007) t; f (t) = 0.0 e kt Solve the following problem. For positive integers n and k; let RM, k) be the number of set partitions of [n] into I: nonempty blocks such that there is no block that contains two adjacent entries 2' ... You have a 16-liter sprayer and you want to apply 411 liters of spray solution/ha. You want to apply 0.5 kg ai of pesticide/ha and the formulated pesticide is 45 EC (45% emulsifiable concentrate)? Cal... Chi-Square Test of Independence See textbook examples: A researcher was interested in understanding if there was a... If it cost \$15 to fill a gas tank in 1995, how much would it cost to fill the same tank in 2015. 1995 index is 100.8% 2015 index is 210.0% A company wishes to assign 3 jobs to 3 machine in such a way that each job is assigned to some machine job it to machine job. The cost of assigning job it to machine job. determining the various performance measures i.e. the probability that there are n entities in the systems, ... The royalty rate performing artists received from Apple of \$99,736.41 for a year, how many song downloads at \$0.99 each did... Compare the mathematics assessment framework or programme of assessment with four cognitive levels create a sketch. Create a dynamical system where x=1 & y=4 2. Two y-nullclines: where x=1 & y=4 2. Two y-nullclines: where y=1, x=4 3. At the origin (0,0) dx/dt and dy/dt are positive 4. At points ... PHYSICS/MATH please help. Name: Section: Conversions Activity (Dimensional Analysis) QUESTIONS Conversion Factors (Equivalent Measurements) Distance/Length Mass Volume 12 inches = 1 foot 16 ounces = 1... A medium-scale manufacturer has 240, 370 and 180 kilograms of wood, plastic and steel, respectively. steel, ... 1.) Create concept map of the Mathematical topics that have been discussed in this course as it relates to the real world. 2.) Narrate an instances in daily life where D is the region in the first A quadrant within the circle x + y=9. A tutor promises to improve GMAT scores of students by more than 50 points after three lessons. To see if this is true. the tutor takes a sample of 49 students' test scores after and before they recei... answer this and you can choose whatever table you want to use !!!! B... (c) Find the integral below: (x2 + 1) dx (2×3 + 6x) (5 marks) Assume that x has a normal distribution with the specified mean and standard deviation. LA USE SALT u - 108; 6 = 18 P(X 120) = 18 X Need Help? Read It. Problem 5. (9 points) 14 Let A = 8 -24 -14 (a) Find the characteristic polynomial of A p(x) = (b) Find the eigenvalues of A and bases for the associated eigenspaces: Smallest eigenvalue Basis for ... Apply the rules of John Conway's Game of Life to figure x in the diagram and select the arrangement (a, b, c or d) that represents the results.. Birth Death X 0 = 0 5 = 0 = 0 5 = 1 = 0 6 = 1 = 0 6 = 0 ... Evalute the following integral? Evalute The Following integral 1. 3- x 1 - 2 + 6 2 2 NOTE: ALL PAYMENTS ARE MADE AT THE END OF EACH MONTH 1. Your mom decided to join their office cooperative (an organization owned and run by bits members who share profits and benefits) and agreed t... A local laptop company sells laptops and laptop maintenance policies for the laptops sold. There are three market segments (high school student users, college student users and professionals). Table b... i am not sure how to write the way shes asking . Use elementary row operations to find the inverse of the matrix A = . Give your answer exactly or to Gl-ll-l D03 l-IHh-I'J' at least three decima... Problem 1: Unconstrained Single Variable Optimization Solve the following problems using both Golden Section and Netwon Raphson methods (i) manually show 5 steps of each algorithms and create table wi... BELL RINGER RESPONSE SHEET: WEEK 6 monday MISTAKES Correct the errors in the following paragraph. The titanic reckage is disapearing. Sunk in 1912 the ship has survived over one- hundred years, but a ... A manufacturing company has to produce and sell 228 items every month to break even. The company's fixed costs are \$11.00 per item. a. What is the total reve... Rian pays \$301.26 including goods and services tax (GST) for a haircut. What amount of GST does are \$12.279.50 per month and variable costs are \$2,279.50 per month Rian pay? Bags of dog food are labeled 1 through 50. What is the probability that the dog will choose a numbered dog bag that is not a multiple of 11? . Write your answer in fraction form. Question 1 [5 points] Dover Appliances past accounting data shows that their expenses average 14% of an item's regular selling price. They want to make a 16% profit based on selling price. If Dover Ap... Yes It is already Solved But I'm unable To understand So please Do & Explain it by own. Show your Work. Prove the angular momentum Poisson bracket relation below. Let A be a nonempty set. Let ~ be a relation on p(A) defined by: Letting B and C be arbitrary subsets of A, B~C iff B \subseteq C. What kind of order is ~ (if any)? Prove the properties that ... Use the Recidivism.xls data, conduct a Chi-Square independence test (alpha=.05) in Excel to determine whether there is a significant relationship between RACE (1=Black, 2=White) and RECIDIVSM (1=the ... In this question, you are asked to comment on a student's incorrect attempt at answering the question detailed below. The question (i) Simplify the following expression as far as possible, showing... Consider the following credit card activity for the month of September 1 \$1,798 September 1 \$1,7 co norm of a vector is defined as a modulus of a maximum com- ponent of a vector. As we learned in class, matrix norms are defined through the vector norms as Allo = max ... pls help me to solve question, thx so much. 24. Wendy has 8 boxes, each of these 6 boxes contain... Strategy. 10. David and Ashley want to calculate \$8.27 - \$2.98 by first calculating \$8.27 - \$3 = \$5.27. David says that they must add \$0.02 to... I have 30 min to solve this ??. QUESTION 1 1 points Save Ans 60 gtt/mL, 12 drops every 5 seconds, 30 minutes = mL 68 72 O 84 96 QUESTION 2 1 points Save Answe 60 gtt/mL, 30 drops every 15 second... 1) Determine the monthly principal and interest payment for a 15-year mortgage when the annual percentage rate (APR) is 6.0%. Monthly principal and in... 3—3 Types of Error; 3—4 Propagation of Uncertainty from Random Error (30 min) If A = 3.475 (\$0.002), B = 87.336 (\$0.001), C = 10.004 5 (\$0.000 5), D = 11.8 (\$0.2), and E = 5.10 (\$0.03), report t... If Xx C {1, ..., n} then P(X1, ..., X) is the set of n-permutations i1 ...in so that for all k, ik & Xx. Letting n = 6 and X1 = {1,2}, X3 = 0, X4 = {4, 5, 6}, X5 = {5, 6}, X6 = {6}... Yes can anyone solve for me what is 1+1? The value of one, plus one. Can anyone provide a solution? 1 + 1 = ? need answer. A(n) is a collection of objects with common properties. How long would it take to generate 50 billion neurons in the brain, if the neurons were born at a constant rate of 1 per second? Give your answer in years. (6 points) Determine a parametric representation for the area that is created by rotating the curve y = 254 - -, -5 < < 5 around the x-axis. r(s, t) = (s. for IA IA Repeat Step 2, using the other metal sample. Dry both samples and return them to your teacher. If h(x) = f(x).g(x) = 3x' - x' + 3x - 1 and f(x) = 3x' - x' + 3x - 1 and f(x) = 3x + 1 Find the radius of the circle $x^2 + y^2 + 4x - 1$ 10y + 25 = 0. a. 2 b. 4 c. 3 d. 5 X marks the unknown. Solve the following equation for :1:: 3m 18 - a: +1 NOTE: Enter the exact answers. Help. 1 14 0.) A 266-hp output is required for an engine. If there is a 5% loss of power, what amount of input horsepower (or base) is needed? 133 Can you help me with this matlab question? For a), I have a pseudocode that needs to be converted to a matlab function.. Algorithm 1: The Basic Linear Method [INPUT: A,B,be, OUTPUT: x] I(0) = 0 k=0 whi... Write in very clear writing please. 14. (10 points) Write the constraints and objective function for the following problem. . Identify all of your variables and state whether the problem involves maxi... Sam has just inherited \$297,000 which he would like to use as part of his retirement nest egg. Sam has decided that he wants to retire 7 years from now at age sixty. He would like to know how much of ... Please answer the following question. Question 10 (8 marks) It is easy to show that if f : C - C is analytic on all of C and f(z) is real for all z e C, then f is a constant, i.e., there is a constan... The number of claims, denoted N, for a single policyr in an insurance portfolio has the following distribution (a) (b) (d) P(N = k) = (i). (fir. (1 - p)5, I: e {0,1,2,3,4, 5}. What kind of distribution (a) (b) (d) P(N = k) = (i). you doing when you give fractions common denominators? What stays the same... The question is: Use the following assumptions to model the number of adult, meerkats, M, in a population.. 4. Meerkats are highly social small carnivores that live in southern Africa. They rely on ea... Research on the dollar to peso exchange rate from the time of the presidency of Diosdado Macapagal to the presidency of Noynoy Aquino.List down the rates over the years and try to find reasons for abr... Please help me understand these questions and also answer. Thank you!! . ABSOLUTE (a) (2 pts) Create a formula in cell B3 to calculate the surface area of the specified cube. Your formula must refer... (a A supermarket has two (regular) checkout stations served by two equally qualified staffs, Carmen and Chloe. When a customer arrives and finds any cashier idle, his/her checkout starts right awa... From the number theory, thank you. Let n be a positive integer, a an integer with god(a, n) = 1. Prove that the order & of a modulo n is a divisor of o(n). S. Wall receives a vearly salary of \$33 868.00. She is paid
bi-weekly and her regular workweek is 37.5 hours. a) What is the gross pay per pay period? b) What is the gross pay per pay period? b) What is ... Sir i am stuck for this question . Compute the second Taylor polynomial of f(x) = (6x + 8)2/3 and use it to find the approximate value of (V11)2 = 112/3. Write your answer as a single fraction. A privately owned lake contains game fish. The owner buys two types of food, Alberton and Bolton, for the fish. Each pound of Alberton contains 2 units of vitamin D while each... can You resolved?. A car rental Company charges bao so a day plus \$2000 per mile for a compact car If a customer can spend \$80, How many miles can he drive that compact car in one day? Find an expression for the generating function for the number 9, of solutions to the equation 331 + 332 + 223 + m4 = n such that \$1,232,223, and 224 are nonnegative integers, 3:1 is even, 222 g 2, m3... 1) Find the 20 th term in the sequence 3, 5, 7, 9, ... 2)What term of the sequence 2, 5, 8, 11, ... is the number 80? 3)Find the sum of the series 2 + 5 + 8 + ... + 80. ?... i need its answer find its derivation. ax + b W. Y. t 2 Question 1 You have \$1000 to invest. At the beginning of each year, you can invest your available money in three different plans, Plan 1, Plan 2 and Plan 3 (available money is money not blocked in a p... Can anybody figure out what does Social Security deduction is. Return to question Westway Company pays Suzie Chan \$3,060 per week. Assume Social Security is 6.2% on \$128,400 and 1.45% for Medicare. a.... A grocery store sells two brands of sauerkraut. Brand X sells for \$4.25 per jar while the No-Name brand sells for 3.32 per jar. If 36 jars were sold for a total of 129.75, how many jars of ... Hamstring curls 1. Write the following equations in the form Ax = b. Clearly identify what is x, and what is b in your answer. n1 = 3? n2 + 5n3 n2 = n4? 1000 n3 + n1 = 0 n1 + ... Question ONE Consider the narrative below and use it to answer the questions that will follow: On the 14" of December 2021, the final race in the Formula 1 series took place in Abu Dhabi's Yas Ma... Sir i am stuck for this question . Consider the vector space IRI endowed with the canonical inner product. Which of the following is false? Select one: O a. For every X, y E R" the inequality ... Findallcriticalpointsforthefunctionbelow, and classify eachasarelative minimum, relative maximum, saddle point, or none of the above (be sure to provide valid supporting evidence using the Second Partial... Subject: Finance and Accounting Number of words : 550 Number of sources : 3 Style: APA Insurance Assignment Sam and Susan Scully have come to financial planner Lissa Cardenas to ask about ... what is part of ½ of 1/10. 8. What part of 12 is 1/10? The power company needs to lay updated distribution lines connecting the ten Oregon cities below to the power grid. How can they minimize the amount of new line to lay? Indicate the minimal cable l... Problem 4: Solve the given initialvalue problem y'' + 49y = f(t), y(0) = 0, y'(0) = 1, where fit) = cos (7t), 0 S t s n, 0, t 2 n Please show all work!. Let X, Y be sets with A, B C X and C, D C Y. Verify the following: (a) A X CnD) = (A X C) U (A X D). (b) A X (CUD) = (A X C) U (A X D). (b) A X (CUD) = (A X C) U (A X D). (c) A X (CUD) = (A X C) U (A X D). R], R2,..., defined as follows: RO := 1 = {(x, x) : xES}, and Rn+1 := R U (R; R") for... prove that thank you.. dic, Diophantos equation of a species of birds. Because the number of males are nearly equal, we count only females. We assume that each female remains a juvenile for one... Marge Innoverra. You test 100 light bulbs randomly out of a large shipment and find 8 of them to be defective. What margin of error would you need if you want a 95% confidence interval? Enter your ans... A sofa is listed by a furniture wholesaler for \$870 less 52 %. If the sofa is then further reduced to \$385, what additional rate of discount is being offered by the wholesaler? Relational Thinking A. Proving One-to-One or Onto Let $f: \mathbb{N} \rightarrow \mathbb{N}$ be defined by f(x) = 10x + 5. Fill in the blanks in the following proof that f is one-to-one. Let $a, b \in \mathbb{N}$ and suppose that... Sir, i am stuck on this question Need complete explanation with step only c and d. Exercise 1. Determine whether the following series converge. Justify your answers {state which test you are using o... The win probability for a team with a runner on third base, down by 1 with 2 outs in the ninth inning is 0.170. If the runner goes for home and successfully ties the game, their win probability increa... Determine the truth value of the statement (p A ~q) v r using the stat following conditions a) p is true, q is true, and r is false, q is true, and r is false, a) If p is true, and r. Exercise 1. Management at Smokey Kettle, a leading Canadian manufacturer of maple syrup, is trying to control its inventory costs. The weekly cost of holding one "unit" of inventory is \$30 (... Please provide Handwritten answer. 2 Question#05 (a) Find Fourier Series of the Function f (x) = ex (-IT < X < IT). what is the answer in detail. as you solve real-world problems with fractions? to solve the problem?... A \$75,000, 180-day T-Bill was originally purchased at a price to yield 2.65% simple interest if the bill is held to maturity. (Round all answers to 2 decimal places) Blank #1. What price was paid for ... Fifteen members of a wedding party are lining up in a row for a photograph. There are 10 men and 5 women. How many different ways are there for the people to line up. What if each woman need a m... I just need to know how to build the network model and flow Consider the Matching Pursuit (MP) algorithm - could an atom be chosen twice? #1If x 2 = 5, what are the values of x? On my study guide it say this problem is an example of a quadratic equation. I am having trouble figuring out how to solve it. I have another example of this sa... Let f (t) be the 27periodic sawtooth wave defined on t E [-7, 7]. You are given that the complex Fourier coefficients for f (t) are fm = S(-1) " m#0 m = 0 Let g (t) be defined by the indefinit... answer with solution on paper. B. Problem Solving 1. A 30 year old Father has a 4 year old son. In how many years will be the father thrice as old as his son. 2. The sum of two numbers is 23 and their... Please provide Handwritten answer. 3. Obtain The solution to the following equation vismg Collection and subdomain methods. 4 Linear Recursion relation $g_0 = 91 = 92 = 1$ with In - 2 $g_{n-1} - 9n-2 + 2g_{n-3} = 0$. 2. Solve the recursion relation $g_0 = 91 = 92 = 4$, In -6 g_{n-1} - $g_{n-2} + 2g_{n-3} = 0$. 2. Solve the recursion relation $g_0 = 91 = 92 = 4$, In -6 g_{n-1} - $g_{n-2} + 2g_{n-3} = 0$. 2. Solve the recursion relation $g_0 = 91 = 92 = 4$, In -6 g_{n-1} - $g_{n-2} + 2g_{n-3} = 0$. .. Can I get help with an explanation to this question? If I have a 96% in a class and I make a 40% on a test worth 10% of my overall grade, what would my new class average be? Please provide Handwritten answer. Advanced Math Assume that we have a set of 3 one-dimensional data points D = {2,4,7} belonging to a class. We wish to represent this question? data as a Gaussian Mixture Model... Consider statements p and q. p: It is spring. D q: We are going walking. (a) Write each statement below in symbolic form P q Statement 1: It is false that... Prove that K(x, y) = 3 43 + say defined on R X R is a positive semi - definite kernel Prove that G CC, y s = < x, y > + <xx, y> defined on R" x R 10 is a positive semi- definite kerne... For any ?, ? E R" and any t E [0, 1], a function f is said to be convex if it satisfies any of these conditions: 'f0»? + (1 - 35)?) S m?) + (1 - 35)?) 6. Compute the exact coordinates of all vertices of the feasible region. Show all work. 7. How many of e... Determine the value of x and y. [3 marks] C 24 32 A D B Use synthetic division to divide x + 6x + 14x + 16 by x + 3 6 14 16 The quotient is: The remainder is: Question Help: Video Submit Question 1.) In Texas, 8 bats ate 40 grams of insects in one night. At this rate, how many grams of insects could 64 bats eat in one night? 2.) Melvin and his two brothers ate a bowl of
strawberries. There wer... it should be y'(a) = 2y'(b), have symmetric boundary conditions? Is it self-adjoint? Let p, q be distinct primes. (1) Prove that if $2" = 2 \pmod{p}$, then pq is a pseudo-prime. (2) Prove that (p-2)! =1 (mod p). For a group of 250 individuals age x, a fully discrete whole life insurance of \$100,000 is issued. The future lifetimes for these individuals age x, a fully discrete whole life insurance of \$100,000 is issued. The future lifetimes for these individuals age x, a fully discrete whole life insurance of \$100,000 is issued. The future lifetimes for these individuals age x, a fully discrete whole life insurance of \$100,000 is issued. The future lifetimes for these individuals age x, a fully discrete whole life insurance of \$100,000 is issued. The future lifetimes for these individuals age x, a fully discrete whole life insurance of \$100,000 is issued. The future lifetimes for these individuals age x, a fully discrete whole life insurance of \$100,000 is issued. The future lifetimes for these individuals age x, a fully discrete whole lifetimes for these individuals age x, a fully discrete whole lifetimes for these individuals age x, a fully discrete whole lifetimes for these individuals age x, a fully discrete whole lifetimes for these individuals age x, a fully discrete whole lifetimes for these individuals age x, a fully discrete whole lifetimes for these individuals age x, a fully discrete whole lifetimes for these individuals age x, a fully discrete whole lifetimes for these individuals age x, a fully discrete whole lifetimes for the future lifetimes for the fut Find the power series representation of f(x) and write down the first four non-zero terms of $f m^{>}$) dos. Exercise. Show that if M1 = (01, E, 51, 31, 151) and M2 = (02, 2, 62, 32, F2) are deterministic finite state automata, then we can construct a deterministic finite state automata, then we can construct a deterministic finite state automata, then we can construct a deterministic finite state automata desea comprar camionetas pequeñas y autobusespequeños para su sistema de transporte público. La comunidad no puedegastar más de \$100,000 por los vehículos y no más de \$500... Masters Art House is holding an auction for one of its paintings. It faces two bidders - Bidder A and Bidder B. Suppose Bidder A privately values the painting at \$50,000 whereas Bidder B privately ... 3. Suppose R: $X \rightarrow Y$ and S: $Y \rightarrow Z$. Then (S o R)⁻¹ = R⁻¹⁰ S⁻¹ 3 Generating Functions 1. Let hn be the number of integer solutions to x1 + 2 + 3 + 4 = n where x1 is even x2 is odd, 0 < x3 < 5 and 3 < x4 < 7. What is the generating function of this sequen... Please provide Handwritten answer. Let f denote an N-point data set and g E R given by $g = (0, 1, 0, \dots, 0)$, i.e., g[1] = 1 and g[n] = 0 otherwise. In class, we showed that the vector h = f * g is a... Decide if each of the following recurrence relations is a linear homogeneous recurrence with constant coefficients (Ihcc). Answer "Y" for yes and "N" for no. 1. an = 3an 1 + 4an 2 ... 4-Si Karen ha ahorrado L160.00 al inicio de cada quincena por un tiempo de 4 años, cuanto tendrá en su cuenta de ahorro tomando en cuenta que el banco le paga una tasa del 8% anual capitalizable cad... Angelise is talking to her friend Brooklyn on the subway platform, where the noise level is 60 dB. When the subway train enters the station, Angelise can no longer hear Brooklyn. The noise level fr... pls help me. Evaluate the expression when c = 4. 4c - 7.8 = 23) (5 points) SpongeBob, Patrick, and Sandy work at the Krusty Krab to checks every 8th patty, Patrick checks every 8th pat You may wish to "zoom in" on portions of the number line. Sir, I am stuck on this question Sir, it's a humble request please step by step and double-check if I put even a single point wrong. (2 points) Consider the Cobb-Douglas producti... Find the Uniformly Minimum Variance Unbiased Estimator (UMVUE) given the density below. on recruitment , a man was paid a starting salary of sh 69000 per month . He receives increment of sh .3000 . Determine his salary in the beginning of the 10th year and calculate the total he will have... Please explain solution. . A gambler is invited to play a simple game in which two coins are tossed. He will win \$4 if both coins show tails, or win \$22 if one shows heads and one shows tails, or bu... hello i really need help on this urgent. 1. (a) Complete the table for the 5th term and the nth term of each sequence. [11] (b) 0. 1. 1. 2, 3, 5. 3, 13, 21. This sequence is a Fibonacci sequence is a Fibonacci sequence is a Fibonacci sequence. [11] (b) 0. 1. 1. 2, 3, 5. 3, 13, 21. This sequence is a Fibonacci sequence is a Fibonacci sequence. [11] (b) 0. 1. 1. 2, 3, 5. 3, 13, 21. This sequence is a Fibonacci sequence is a Fibonacci sequence. [11] (b) 0. 1. 1. 2, 3, 5. 3, 13, 21. This sequence is a Fibonacci sequence is a Fibonacci sequence. [11] (b) 0. 1. 1. 2, 3, 5. 3, 13, 21. This sequence is a Fibonacci sequence is a Fibonacci sequence. [11] (b) 0. 1. 1. 2, 3, 5. 3, 13, 21. This sequence is a Fibonacci sequence is a Fibonacci sequence. [11] (b) 0. 1. 1. 2, 3, 5. 3, 13, 21. This sequence is a Fibonacci sequence. [11] (b) 0. 1. 1. 2, 3, 5. 3, 13, 21. This sequence is a Fibonacci sequence. [11] (b) 0. 1. 1. 2, 3, 5. 3, 13, 21. This sequence is a Fibonacci sequence. [11] (b) 0. 1. 1. 2, 3, 5. 3, 13, 21. This sequence is a Fibonacci sequence. [11] (b) 0. 1. 1. 2, 3, 5. 3, 13, 21. This sequence is a Fibonacci sequence. [11] (b) 0. 1. 1. 2, 3, 5. 3, 13, 21. This sequence is a Fibonacci sequence. [11] (b) 0. 1. 1. 2, 3, 5. 3, 13, 21. This sequence is a Fibonacci sequence. [11] (b) 0. 1. 1. 2, 3, 5. 3, 13, 21. This sequence is a Fibonacci sequence. [11] (b) 0. 1. 1. 2, 3, 5. 3, 13, 21. This sequence is a Fibonacci sequence. [11] (b) 0. 1. 1. 2, 3, 5. 3, 13, 21. This sequence is a Fibonacci sequence. [11] (b) 0. 1. 1. 2, 3, 5. 3, 13, 21. This sequence is a Fibonacci sequence. [11] (b) 0. 1. 1. 2, 3, 5. 3, 13, 21. This sequence is a Fibonacci sequence. [11] (b) 0. 1. 1. 2, 3, 5. 3, 13, 21. This sequence is a Fibonacci sequence. [11] (b) 0. 1. 1. 2, 3, 5. 3, 13, 21. This sequence is a Fibonacci sequence. [11] (b) 0. 1. 1. 2, 3, 5. 3, 13, 21. This sequence is a Fibonacci sequence. [11] (b) 0. 1. 1. 2, 3, 5. 3, 13, 21. This sequence is a Fibonacci sequence. [11] (b d'(x - 2)(x3 + 2x) dx, (c) 13 = Job"(x - 7) cos? (x) dx, (d) 14 = Jo S(4x - 2)(2 \times 2 + 2) d... Payments of \$500 due 3 months from now. What is the size of this payment if money can earn 5% simple inter... mathematics vector. 4. Given that A(1, 1, - 3), B(5, 1) = Job"(x - 7) cos? (x) dx, (d) 14 = Jo S(4x - 2)(2 × 2 + 2) d... Payments of \$500 due 3 months from now. What is the size of this payment if money can earn 5% simple inter... mathematics vector. 4. Given that A(1, 1, - 3), B(5, 1) = Job"(x - 2)(x 4, -1) and C(2, -1, -5) are three points in the 3-dimensional coordinate system with O as the origin. (a) D is a point on the line segment AB su... 0 Example: electric dipole Point charges q1=+12nC and q2=-12nC are placed 10 cm apart. This combination of two charges with equal magnitude and opposite sign is called an electric dipole. Co... . Simple Interest 1. Juan invested Php60.000 to a company that promises him a ... Please provide answers in type written form. 1) A = {small, medium, large}, B = {blue, green}, and C = {triangle, square}. List the elements of B × C 2) Let A={H,T},B= Business Math Simple Interest and Compound Interest {1,2,3,4,5,6}, and C={red... business mathematics. On a trip, a motorist purchased gasoline as follows: 56 litres at \$1.335 per litre; and 54 litres at \$1.246 per litre; and 54 litres at \$1.278 per litre; and 54 litres at \$1.35 per litre; and 54 litres at \$1.278 per litre; and 54 litres at \$1.27 however, that all integrable functions are continuous somewhere. a) L... Why are Automated Car Washes being Downsized to 5 Guys with Rags? Hint: Which is the Minimum Cost = Pl X(labor) or Pc Y(capital) machine "Our real problem is symbolized by the car wash. A car wash use... 2.- Use modified Newton Raphson to solve the system of nonlinear equations given by Consider as initial vector (x, y, z) (0,0,0) NO HANDWRITTEN ANSWERS! Please evaluate these two triple integrals, SHOW ALL YOUR WORK, answer key is given thank you. will leave good review . Evaluate the iterated integrals, SHOW ALL YOUR WORK, answer key is given thank you. will leave good review . INVERSE. From the number theory, thank you. Problem1. Solve the quadratic congruence 6r +5r+1=0 (mod 11). A property sold for 550 % of what the vendors originally paid for it. What was that original price if the recent selling price was \$660,000 ? Hallar las dimensiones de la caja rectangular de volumen máximo que puede inscribirse (con ejes paralelos a los ejes de coordenadas) en el elipsoide: a $2 \times 2 + b 2 \times 2 + c 2 \times 2 = 16$ Find (a) $b - 7 \cdot 2 c$; (b) $d - 7 \cdot 2 c$; (c) INT(-7.2); (d) 25 (mod 3) The line L passes through the points (-2, 1) and (-4, -14). Bryan says that the lines L and N are parallel. Is Bryan correct? Expla... Please help me solve this problem. I keep getting stuck on writing the total differential of V(r,h). How can I determine if the volume of the cylinder is not a sate function?. 1. Determine if the volume of the cylinder is not a sate function? types include: linear, quadratic, squa... You pick 6 digits (0-9) at random without replacement, and write them in the order picked. What is the probability that you have written the first 6 digits of your phone number? Assume there are no re... Imagine that in responding a question in a multiple-choice test, an examinee either knows the answer, with probability p, or the examinee guesses with probability 1 - p. Now, you presume that the p... Sir i am stuck for this question. A commercial bank is advertising three financial products: (i) one
investment funds (FB-C, FB-A) target... Jahlil is a golf pro who works at two different golf courses golf course for 3 days, then work at The Meadows golf course for 4 days, and then rest for 2 days.... Directions: Determine the general/or particular solutions. "Kindly provide complete solution and eleborate it"... NAPR /... Mr. M has His schedule is to work at Longboat Kev \$100 deducted from his Salary at the end of each monthly. How much will ... ASAP HELP!. Match each metric measurement on the left with an equivalent unit of measurement on the right. 1.2 meters 20 dekameters 0.2 kilometers 1, 200 millimeters 0.02 hectometers 200 centimeters 1... population dynamics. Describe the clynamics of two competing species given by du = RU - Rost U 2 ox Rosi U, U 2 dia = Raja - (Rogg? - PRe QU. at explain the variables in each term find the stationary... IMU Term 2 2021 Question 7 (c) 4 marks X varies jointly with the square of C and the cube of Y. When X is 260, C is 5 and Y is 0.03. (i) What is the constant of proportionality? (2 marks) Garden City Beach is a popular summer vacation destination for thousands of people. Each summer, the city hires temporary lifeguards to ensure the safety of the vacationing public. Garden City's lifeg... The sum of two number is 480 and their difference 140. What are the numbers? Emily works at a fitness center. She recorded the heart rates of some people immediately after they exercised. Her data are shown below. Heart Rate (beats per minute) 120 128 144 136 130 150 138 140 1... can someone show me how to do this calculation please thanks. Calculate the value of 5 2 + 4 3. Sir i am stuck for this question. 1. (4 MARKS) Let @ = (2, -1, 1) and b = (1, 1, 2). Find the area of the parallelogram determined by a and b. (a) 3V/3 (b) 3 (c) v3 (d) v6 (e) None of these a b C d e n-ary Relations. Show that if C is a condition that elements of the n-ary relations R and S may satisfy, then SC (R US) = SC(R) Usc(S). (1). (15 points) Given the linear mapping F : R3 -> R3 defined by F(x, y, z) = (y + 2z, 2x - 5y, x - 3y - z) (a). Find the matrix representation of F = Av, where v = (x, y, z) T. (b). Find dimensi... Is the following value a scalar or vector? cm 3.42 \$2 Find thr Extrema of the function f(x)....Please help me understand this question and process better. I don't get it. Find the extrema of the function f (x) = = (x+3)(3x+1)(x-3) on the closed interval ... Calculating the x-intercept(s) are two important exercises in learning about equations of lines. The following slope-intercept form of the equation of a line is often seen as a ... Hi I need to pass the Midterm No 2 test for ISYE 6501 Intro Analytics Modeling course of Georgiatech Please help me out with the sylabus and the interval(s) where the function is negat... Prove that I... The interval(s) where the function is negat... Prove that for all integers ?n, [?/7]=(?-3)/7 if and only if ?mod7=3.[n/7]=(n-3)/7 if and only if ?mod7=3.[n/7]=(n-3)/7 if and only if ?mod7=3. A machinist wishes to insert an iron rod with a diameter of 6.998 mm. By how much would the machinist have to lower the temperature (in °C) of the rod to make it f... In how many ways can first, second, and third prizes be awarded in a contest with 865 contestants? 1. Find the number of distinguishable permutations of the given letters "AAABBBCCC". 2. Evalu... need help with 3(b). 3. Edu? + 2 Fdudv + Gdy - csued curve o (u..) cevEd A be area of of () A : Sa L Culdu * = 1 F = 0 du to + Godv A = S. L (u) du A = So (du + Gidv) du . A = [] 3 + G dv' [... need assistance on this question. -12 "l+v1-x2-y2 Convert the integral x dz dy dx from the cartesian coordinates. Hint: The domain of integration is the upper half of... Figure Q1 below shows a (quarter) car chassis of mass in supported by a suspension system where the spring has a stiffness of k N/m and the damper has a damping constant of c Ns/m. The purpose of the ... PLEASE ALL WORKING OUT THANK YOU . Section 1 Part E A 47 mm diameter hydraulic jack. If a person with a mass of 109 kg places all their weight... Given the following Venn diagram, find n[A U (B ∩ C)]. 2. 3. 4. (25 marks). Consider the following nonlinear optimisation problem. Objective function: f(x) = mitz3 + 23 Constraints: (X1 + 12 + 23) = 48 C + 2 + 23 = 24 (a) Write all the KKT equations/inequalities and use... Let G = D4 and X be the set of all subgroups of D4 with order two. The set X is a G-set using conjugation *(σ , H) = $\sigma H \sigma^2 - 1$. Find all the orbits of this group action. For this problem you should ... 7) (6 points) If A represents the whole, what are the values of B, C, and D Explain your reasoning. B A D C Thank you!. 22:36 Done webassign.net AA C (x, y, z) = (Need Help? Read It Watch It 15. [-/1 Points] DETAILS HARMATHAP12 3.3.029. MY NOTES ASK YOUR TEACHER PRACTICE ANOTHER The system of equations may... hi can you help me solve these questions. Safety 2 In order to meet safety standards, vertical support beams must be ... solve this as soon as possible. 1. (8 marks) Let G be a group and H & G. (a) (i) Show that Gx = IG = G for all I E G. (ii) Deduce that GX = XG = G for all non-empty X C G. (b) Show that if [G : H]... Suppose you are a manager at a local store where your yearly salary is \$68711. Determine your monthly salary. content attribution QUESTION 6 . 1 POINT A mechanic charges \$25 for a battery check and \$40 per hour for services. Write an equation to model this. Provide your answer below: y Content attribution 39" by 40" pallet with no overhang of units being allowed. Units, each of dimensions 8"x8"x5" are stacked on the pallet in layers. Units rest on the surface of the pallet and on layers on the 8"x5" are stacked on the pallet in layers. Units rest on the surface of the pallet and on layers are stacked on the pallet and on layers on the 8"x5" are stacked on the pallet and on layers. called the Tax Cuts and Jobs Act, or TCJA. People often refer to the ... Seriously what is the problem here? Why does this particular problem here? Why does this particular problem keep coming back unanswered?. Consolidating understanding of behavior of the wave Consolidating u Use 20mL of X stock and make 160mL of 2%. What is the stock %? 24. Use 10ml of X stock and make 400ml of 4% What is the stock %? A band of 19 pirates decided to divide their doubloons into equal portions. When they found that they had 1 coin remaining, they agreed to give it to their Chinese cook, Wun Tu. But 2 of the pir... Perform the following operations. 1) 5/14 + 3/14 2) 21/34 - 7/34 3) $4/5 \times 3/7$ 4) $7/13 \div 4$ 5) 78 x 52 ?... Prove or Disprove: $n \ 8 + 3 \ n \ 7.9 \log n - n4 = \Theta(n \ 8)$. Find the sixth degree Maclaurin polynomial for the equation below and show complete solution Create a pie graph in Excel using the following information about the number and type of car parked at a local sporting event. Car Frequency Chevy 329 Ford 282 Honda 407 Volvo 154 Suburu 201 2. You... Consider the expected value of the distribution. Compute the standard deviation of the distribution. (Round your answer t... Using an energy-transformation equation, show how energy is transformed for each of the following: (1C, 1A Each) (a) A truck is accelerating on a highway (b) A battery-powered lawn mower is us... For my combinatorics class, any solution would be really appreciated. Please add explanation if you can. Exercise 3) For each of the following polyhedra, determine its extreme points. Note that in t... Thank you!. 3. For the following parts, L will be a linear transformation. (a) Given L : R2 -> R2 with L (b) = (3), find L (... The path of a thrown ball can be modelled by the function $y(x) = 1.2 + 0.51: -9.05 \times 2$, where x is the horizontal distance (in m] and y is the height above the ground [in In]. a} Calculate 32(0) and 3... Hi, I am in difficulty when I kept trying to do these questions? Thank you so much. 11 = 10g X 5 ? (b) log, - log, 7 = 1093 7 (c) 2log, 3 = 10g. Hi I need the answer to this guestion thanks1!. Equipment Power Consumption Operational Number of days in use hours per day per year Microwave radio A 400 Watts 10 2... Find the maximum value of the production with g = 2K0.7L0.25 under the budget restriction 5K + 3L = 75. 4. Let a CES production function to be given by the parameters A = 10, $\alpha = 0.2$, $\beta = 0.1$. Fi... Sir i am stuck for this question . , Use Lagrange multipliers to find the maximum and minimum values of 3x + 6y subject to the constraints $3 \times 2 + 2y$? = 63 and x, y + 0. Tell also the points where the m... 3). Let a, b E R and define the function f on the interval [a, b] by 1, if c = c f(@) = 0, if a # c, for some point c E [a, b]. i) Suppose that a < c < b. Prove that f is integrable on [a, b]. H... part 2 determining dimensions and building containers for the balls (Note: none of the pictures given below are drawn to scale) 2.1 The picture alongside shows a 3D view... What is the formula?. Test Practice 8. Multiselect Anita is making headbands for her softball team. She needs a total of 3 yard of fabric. Select all types of fabric that cost less than \$8 per yard. (... The money used in China is called the Yuan. The exchange rate is \$1.60 for every 7.7 Yuan. Find how many dollars you would receive if you exchanged 12 Yuan. prove that for all natural number x>2 there exist a prime number p such that x<p<x! CIRCULAR GARDEN Description of the school building, A huge lpil-ipil tree that serves as a landmark because of its size and age (shown below). As a land... (a) Determine if the following sets of functions are linearly dependent or linearly independent on R. (i) e-z, -2027 + 5e-I (ii) xlal, 12 (b) Find the Wronskian of two solutions of the DE. (? y&quo.... (30 Points) Assume that Zt is a purely random process. {Zt} is a Normal white noise series with mean zero and variance 0.02. What are the mean and variance of following MA series? Compute their la... [1/2 Points]
DETAILS PREVIOUS ANSWERS HARMATHAP12 6.4.025. MY NOTES ASK YOUR TEACHER A company wants to have \$20,000 at the beginning of each 6-month period for the next 4 - years. If an annuity is... Please explain your answer in details.. Consider the vote count for the hypothetical election results shown below. Candidate A 50 votes Candidate B 75 votes Candidate D 160 votes... A 1.5 kg object at rest is acted upon by 17. A force of 35 N. What is its unknown mass, an acceleration o... The median house price for non-metropolitan Adelaide rose from \$269,000 in June 2019 to \$278,000 in June 2020 to \$280,000 in June 2021. (a) What was the average rate of change in median house price be... You plan to purchase items for \$2100 and will finance the cost with a fixed installment loan. The seller tells you that you will have to pay \$70 per month for 36 months. Answer A and B. a. Use the appropriate formula to determine the periodic deposit. b. How much of the financial goal comes from interest? Periodic Deposit Rate Time Fin... Please answer wasn't correctly. Last answer wasn't correct. Two 182-day, \$25,000 T-bills were initially issued at a price that would yield the buyer 1.99% p.a. ed Do not include the dollar sign in your answe... (5p) Find a condensation graph of a given digraph. A B D E4 F G -H #1 Determine the equation of the line with slope 5 that passes through the point m(1,2) A. y=5x-3 B. y=-5x-3 C. y=5x-3 B. y=-5x-3 C. y=5x-3 B. y=-5x-3 C. y=5x-3 C. y=5x-3 D. (H) Homogeneous Transformation Matrices ; A and ; A. Ifi is 1 and 2 accordingly. X2 22 y2 K1 y1 20 yo X1 N 5 5 need help on these sums <2>. Q3. It is given that y = (x - 4)(3x - 1)(Ax + B), where A and B are integers to be found. [5]. (ii) Hence find, in terms of h, where h ... round to the nearest cent as needed. Consider a student loan of \$22,500 at a fixed APR of 6% for 30 years. a. Calculate the monthly payment. b. Determine the total amount paid over the term of the loa... Question # 45: Consider the following data set generated by a function, f (ax) mm 1. [6 Marks] Find the interpolating polynomial for the above data of appropriate order using Newton's Divided/Differen... How does take-off height (relative height) affect maximum height and range of a projectile? Describe how you would teach the concept of measuring volume. no additional details. You are responsible for a team of 40 associates that assemble boxes. Each associate can assemble 120 boxes per working hour. If your team works 10 hour days, with two 15-minute ... C @ For a random sample of 36 data pairs, the sample mean of the differences was 0.75. The sample standard deviation of the... Landon's monthly payment ?. Question 2, 10.4.11 HW Score: 0%, 0 of 5 po Homework: 5-2-1: MyMathLab Installment Buying Part 2 of 2 Points: 0 of 1 Landon Wallin is an auto mechanic who wishes to start h... Please provide Handwritten answer. The 3-square code has parameters (15, 9, 3)2. For an integral 3 X' Inx dx Approximate the integral using 2 Midpoint rule Trapezoid rule Simpson's rule d) Gauss 2- puint rule @ Gauss 3-punt rule Determine the exact answer and compare each result ... An object travels 50 meters in the first two seconds and 100 meters in the next three seconds. What will be its velocity at the end of the sixth second from the start? if a gallon of paints weight of a gallon of paints weight of a gallon of paint in kilograms? 4. Let A = {a, b, c, d, {c, d}}, then which one of the following sets is equivalent to set A? A. $\{1, 2\}, 3, 4, 5, 6\}$ C. {a... below are given guestions......... 5 Question 5: Caballero & Krishnamurthy (2006) - Welfare and Bubbles Consider the model in Caballero and Krischnamurthy (IME, 2006) that we studied in class. Co... Magnitude Estimation B. {p, q, r, s, t} Sucrose Fructose W/v 2.50% 5.00% 10.00% 20.00% 2.50% 5.00% 10.00% 20.00% 20.00% Molarity 0.073 M 0.146 M 0.292 M 0.585 M 0.139 M 0.278 M 0.556 M 1.111 M Mean 6 12.5 17.5 25 4 6.5... what is the possible answer. If E(x) = -1 and E(y) = 7, then E(y) = 7. you might think. The level of education of 300 people is distributed as follows: 10 people have a doctorate... Tutorial Exercise Use the Student's t distribution to find t for a 0.95 confidence level when the sample is 29. Step 1 Recall that a Student's t distribution table lists critical values t for a c conf... rachel has more money than mike.if rachel gives rm 20, both of them will have the same amount of money. while if mike gives rm 22, rachel will have twice as much as mike. how much money does each if them ac... 4) [~Ash 7.2.4] Show that if fn -> f and gn -> g uniformly on a subset of E of R, then fn 1 9n - f + g uniformly on E. COMMENT. The functions fn(x) = x and gn (x) = 1/n converge uniformly on a subset of E of R, then fn 1 9n - f + g uniformly on E. COMMENT. The functions fn(x) = x and gn (x) = 1/n converge uniformly on E. COMMENT. on ... Solve the linear programming problems by drawing the feasible solution region and using the corner point table. 1.1 Maxmize: P=20x+10y subject to : $3x+y\leq 21 x+y\leq 9 x+3y\leq 21 x+3y< 2$ company's total liabilities amounted php 10,000 total enquity had an ending balance of php 20,000. How much is total assets? ans If you draw a card that is either red (R) or black (B). The card will also either be a number card (N) or a face card (F). Determine n(R E... From the number theory, thank you. Problem 5.. Let o be Euler's phi-function. (1) Prove that $o(p^*) = p^* - p'$ for every prime p. (2) Explain (12) = (4) (3) without using the multiplicity of Euler's phi-function. (1) Prove that $o(p^*) = p^* - p'$ for every prime p. (2) Explain (12) = (4) (3) without using the multiplicity of Euler's phi-function. (1) Prove that $o(p^*) = p^* - p'$ for every prime p. (2) Explain (12) = (4) (3) without using the multiplicity of Euler's phi-function. N(0, 1). Use R to simula... Discrete Mathematics- USP. (a) Solve the recurence relation (,. 80., - 150,, 2. 60 -3, 21 -1. Please show all work!.. Let X, Y be sets with A, B C X and C, D C Y. Prove or disprove that (A UB) x (CUD) = (A X C) U (B X D). A newborn baby boy weighs 3.5 kg. What is his mass in pounds? Explain how you can use mental math to determine if your answer is reasonable. ?... Calculate the number of cartons that can be loaded in a 20 ft. container from the dims. L= 589 cm W=233 cm H= 238 cm Payload: 21,700 kgs. Cartons(cargo)dims: L... algebratic. How many terms are there in each of the following expressions? (a) ax+b (b) a (x+b) (c) 4ab atb+ c 2a + b - 2 r+3 f) 3 (p+q) how to do it. 1. Given the geometric sequence a, 1,4. k,... (a) Determine the first term a, the common ratio and the value of a so that the sum of the first - t... Brief explanation.. QUESTION 3 You won \$200M (\$200,000,000) playing the lottery. Two charities

have approached you for a donation. You summoned the directors of the two charities and informed them tha... A plumber charges a £60 call out charge and then £50 for each hour worked. Select the option that gives the correct formula for the amount £ y of the bill if the work lasts x hours. Select one: y ?... True (T) or False (F). In the first three items below f is a continuous function in [0, 1] and kfk = maxx $\in [0,1]$ |f(x)| (a) () There is a polynomial p such that kf - pk < 10-8. (b) ()... i'm agree. It is harvest season at Joe's Farm. 1. He has two pumpkin fields and the small 2- tons o... Find the partial sum of the geometric sequence with the given first term and common ratio. \$18: 81 = 42, r = -2 \$18 = (Simplify your answer.). Find the number of terms in the sequence and find Sn. 6, ... (a) Write down the 2 x 2 matrices that represent the following linear transformations of the plane. Specify for each transformation which points the points (1,0) and (0, 1) map to. Also make reasonabl... The following are the dimensions of rectangles. Which one represents the sides of a golden rectangle? a 8, 4.744 b 7, 4.126 c 6, 3.708 d 5, 3.290 Please show all work!. Let X be a set and A, B C X. Prove the following are equivalent: (a) AUB = B. (b) ACB. The parent function f(x) = logx is vertically compressed by a factor of 1/2, reflected in the x-axis, translated right 5 units and down 3 units. Determine the equation of the function f(x) = tan(πx)-x-6. Use the newton-raphson method to evaluate the root of this function, with the following initial approximations: 0.48, 0.4 and 0.01 [-/2 Points] DETAILS BBUNDERSTAT10 3.3.002. MY NOTES ASK One standard for admission to Redfield College is that the student must rank in the upper quartile of his or her graduating high school class. ... Use only the formulas provided. (9 marks) Consider the data 1.2 1.3 1.4 f(Ik) 0.9321 0.9636 0.9854 Find the approximations to f' (1.2), f'(1.3), and f'(1.4), and f'' (1.3) of order O(h2). (Hint: us... Evaluate the limit of lim (2x+|x|) / (2x-|x|) x->0 Hi! With explanations and full solution please, I really want to learn this but I am having a hard time understanding. Topic: Cash Flow and Deferred Annuity . 1) A television set is for sale at P... Help me this question clearly step by step pls!. Question 5. A cone-shaped drinking cup is made from a circular piece of paper of radius 9 cm by cutting out a sector and joining the edges CA and C'B a... Prove the following. 2. For every real number x such that y = 3ex - 2. Proof: 3. If a and b are integers such that y = 7ex + 2. Proof: 3. If a and b are integers such that y = 3ex - 3ex Determine the simple interest earned on each investment. a) Invest \$2500 earning 5% simple interest for b) Invest \$8000 earning 7.5% simple interest 4 years for 90 d... How many ways are there to list 1, 2, 3, 4, 5, 6 in a row if 1 must not appear between 3 and 5? (not strictly between 3 and 5) T... 4.05 Graded Assignment: Project: Population Analysis find a global minizer of f(x,y) = g(x) + h(y). show that $\partial f(x,y) = \partial g(x) \times \partial h(y)$, where '×' stands for ... (30 Pts.) Delayed-Protein Degradation A mathematical model for describing the production of proteins at any time is dP = a - BP(t) - YP(t - T), where P(t) is the concentration of proteins at time t... what are the constraints using excel and solver. Jason Smith is a part-time business student who would like to optimize his financial decisions. Currently, he has \$16,000 in his savings account. Based... Find real values of the number "a" from which ai is a solution of the polynomial equation $x_4 - 2 \times 3 + 7 \times 2 - 4z + 10 = 0$. Then find the roots of this equation. Use the basic integral definition to find the Laplace transform for g(t) = sin5t b. Find the Laplace transform for g(t) = sin5t b. Find the Laplace transform of g(t) = sin5t b. Find the Laplace transform for g(t) = sin5t b. Find the Laplace transform for g(t) = sin5t b. Find the Laplace transform to find the Laplace transform for g(t) = sin5t b. Find the Laplace transform to find the Laplace transform for g(t) = sin5t b. Find the Laplace transform for g(t) = sin5t b. Find the Laplace transform to find the Laplace transform to find the Laplace transform for g(t) = sin5t b. Find the Laplace transform to fin 65535 23 99 0 Details At an Oregon fiber-manufacturing facility, an analyst estimates that the weekly number of pounds of acetate fibers that can be produce... Help wanted with these problems. Identify the histogram for the frequency N 12 22 27 12 17 22 27 dat... give the answer for the following questions below in the picture.. Evaluate the item below using a 12-hour clock. Omit o'clock, am or pm in your answer. * 10 0 11 0 4 0 12 0 0 9 0 0 0 6 0 2 0 10 0 11.... Consider a common disorder , which we will call z, that affects 20% of adults (18 years and over) in the U.S. Fortunately , there are a common disorder a common disor is a genetic screening test for the gene that causes disorder Z. The... Problem 7 (4 points): As we discussed in class, the following LP maximize fi subject to fi < ce, V edges e (3 i: eEPi fi 20 is the max-flow problem formulation with flows associated with paths,... How many months will it take for a short-term investment of \$4,185 to mature to 4,320 at a simple interest rate of 6.85% per annum? let $H = \{a+bi, a, b \in \mathbb{R} a^2 + b^2 = 1\}$ prove or disprove that H is subgroup of C*under multiplecation (20 pts) Find the unique, closed-form solution to this recurrence relation given the initial con-ditions: an = 4an-1+7n - 2 for n > 1, with ao = -1 Write a function to calculate the following series s(n) = * 1+2 1+2+3 + ... + 1 + 2 + 3 + ... + n Compute s(100). [15 marks] 2. Write the following series: and verify that this series converges to 2... You raise pigs. When you purchase the pig it weighs 53 pounds (lbs). Within 5-6 months your pig will gain around 440% in weight. How much should it weigh by then? Round to the nearest whole number. National Bearings manufactures bearings at plants located in Portland Oregon, Houston Texas, and Jacksonville Florida. To measure employees we... answer the question. The mass of a crystal is 0.49 kg. a. Write 0.49 as a fraction. Show your work. This problem is linked in science particularly physics. 2. A ball is dropped from a height of 3m. It bounces back to a height 23 of the distance from which it fell. Find the total distance from which it fell. Note: You... Thankyouuuuu. Refer to the given situation to answer the questions below. A semielliptical arch over a tunnel for one-way road through a mountain has 20 feet and a height at the center of 12 feet. Whi... Exercise 4.2.6 Let X' = 6-16. X(t - 0.2)5 1 + X(tto approximate X(0.3). Please answer these questions ASAP. I don't need any explanation 1. Melissa has 14 reports to file ... What is the value of using BTB as an indicator When might btb be a better choice then Ph paper F1 = 230 N 309 F2 = 320 N A 2m 3 m 4 m F3 = 540 N For each of the three forces shown, compute the moment (+ CCW) about point A.. Part Description Moment of F1 A. (include units with answer) Moment of F2... Describe how the model is used to add two integers. or Studyin En Direct | Premye Okazyon Academics | myLU C webassign.net/web/Student/Assignment-Responses/last? dep=27416921 ATI liberty Dashboard Lear... Let T: R' - R* be a linear map such that 7(1, 0, 0) = (1, 0, 1, 0), T(0, 1, 0) = (0, 1, 0, 1) and T(0, 0, 1) = (1, 1, 1, 1). Find a basis for null(T) and range(T). find the integral 4(2x + 5)3 dx Let U - 2x + 5 A shopping mall parking garage charges \$1 for the first half-hour and 60 cents for each additional half-hour. Which inequality represents the amount of time you can park with only \$4.00. A) 1x + 0.... 1 question and answer on each topic about the application of ode of first order 1. Chemical reaction in the proof of the Chinese Remainder Theorem to solve the following system of congruences: x = 2 mod 5, x = 6 mod 8, x = 10 mod 13 Be sure to state the values for m, M., and y... Answer all questions with explanation . a) Find probability that the last ball you pick is white if the first... Two friends Happy and Tricky are playing a game of chance. ".i'hey flip coins until there are two of the same face in a row. If two consecutive "heads" are flipped, then Happy w... Problem 5 [22 points]: Consider an Ito process { Yt } with SDE given by: dyt = [-aln (Yt) + 0.562] Ydt + byidWt. (a) Show that In (Yt) | Yo follows Normal distribution with Var (In (Yt) | Yo) = 62 (1... asap. Qu 3. Solve = 0x2 Given the boundary and initial conditions: u(0, t) = 10, t20 u(4, t) = 50, 120 u(4,two equivalent fractions that the point represents. O 1/6 and 2/12 1/2 and 4/8 O 2/8 and
4/16 1/10 and 5/20 One year ago Sandra allocated the funds in the following table. The rate of return on each security for the year is given in the third column.... Carefully and clearly show all your work. Simplify completely all your answers and write the correct unit where applicable All students prior to turning the exam must Sign the following Pledge: "... Viewing Saved Work Revert to Last Response Points] DETAILS PREVIOUS ANSWERS BBUNDERSTAT12 5.2.028.S. MY NOTES ASK YOUR TEACHER PRACTICE AN the binomial probability distribution, let the number of tria... Please ASAP ... (ii) Let G be the following Eulerian graph. E On 1 (a) Partition the edge set into cycles and hence find an Eulerian? asap help!. How many feet are in 42 inches? 0 45 feet O 3- feet O 14 feet 504 feet Sir i am stuck for this question . 4. Application Earthquake Magnitude The moment magnitude scale is used to measure the magnitude of an earthquake. The formula used is M = = x log10 m - 10.73 whe... How many non-zeros should one require of (P 0) if the matrix A has columns drawn iid from a Gaussian?. How many non-zeros should one require of (P 0) if the matrix A has columns drawn iid from a Gaussian? on a solut... Consider Guided Activity 2, Part 2, Task D: Using the equation for B from Task A, and plugging in our E value from Task C, what is the value of B? Round your answer to the nearest whole number. From a hot air balloon 5 km high, a person looks east and sees one town with angle of depression of 15. He then looks west to see another town with angle of depression of 86. How far apart are the tow... Solving Problems Involving Inverse Variation. Solve the following formula for approximating derivatives and show that it is a proximating derivatives and show that it is not show that it is a proximating derivative and show that it is a proximation derivative and show that it is a proximating derivative and show t $O(h^4)$ by establishing the error term: begin{eqnarray} f'(x) & approx frac{-f(x+2h)+8f(x+h) (1... Alpha had 445 members in her group in the year 2045, then 500 members in 2046. Machine had 262 members in her group in the year 2045, then 315 members in 2046. a. How much did each group increase in... resuelve el problema?. La compania de Satish Mehra esta considerando producir internamente un sistema de montaje que actualmente compra a Memphis Supply, SA. Memphis Supply cobra \$400 members in 2046. por unidad con un ... here's my question, please provide an explanation. 6. Consider f: R -> R, f (3:) = cos(:r). Show that f is uniformly continuous over 1R. You may freely use any trigonometric derivatives or inequ... How does Mathematics reflect our reality? Give 2 concrete examples that supported this claims. A platonic solid is a three dimensional shape where each face is a polygon with n equal sides, and where m faces meet at each corner. In this question you will prove there are exactly five platonic so... Dependent groups t Test testing two mean differences We are now going to use Excel to find information on correlation between two dependent groups. We would like to know if the cholesterol level... calculus: Quotient Rule. DUBTIGHT RULE them Udv dx 7 2 +1 dy If y= 2C - 1 Find dx A particle, which remains at rest, is acted on by three forces, P, Q and R, and no others, as shown in the diagram attached. The force P acts horizontally to the left, the force Q acts vertically up... business mathematics. Question 23 (1 point) Manny's commission was \$1590.90 on gross sales of \$31 240.00. If returns and allowances were 3% of gross sales, what is his rate of commission based on net s... If a>1, and ax\gt ay, a>1, and ax\gt ay, a>1, and ax\gt ay, a>1, and ax\street reported that Q1, Q2, and ax>1, and ax>1, and ax\street reported that Q1, Q2, and ax>1, and Q3 for 2,037 gasoline service stations' sales to inventory ratios were 20.8, 33.4, and 53.8, respective... please solve. Example 3.11 The steady-state temperature u(x, y, z) in the rectangular paral-lelepiped shown in Figure 3.2 satisfies Laplace's equation in three dimensions: ar2 day2 + 222 = 0. (3.109)... Construct a truth table for the statement ~ p $\leftrightarrow \sim$ q Remaining Times Select the conect loops to simplify the given function im SOF (sum of products) form: ct logpet had wrap around the edges of the table, you must select both sections that extend beyond... When is the ideal time to start thinking and accumulating funds for retirement? A salesperson receives a weekly salary of \$350. In addition, \$5 is paid for every item sold in excess of 200 items. How much extra is received from the sale of 217 items? Which piece of i... Does the following (my +?'x]' = x' + xy + yz. O Given h(x) = 23 - 3 and g(x) = x, find h(x), g(x), (goh)(x) and $(h \log l)(x)$. What can you conclude? Question 1 Comprises Of The Following Parts as, Note: I need all the answers to your procedure. Every step of resolution should indicate the law used. Do not solve many problems on the same page, that... In Turkey, the research shows that 33% of informal workers have high school education. In a sample of 10 informal workers, what is the probability that at least three informal workers have only high s... what is the importance of reasoning in problem solving? Solve the following problem solving? Solve the following problems. You must show all your solutions -Draw the cash flow diagram for each problem solving? command Uniform vs_Chebyshev Interp on the Math Linux network, report on the maximum absolute error in polynomial interpolation for the function f(@) = 1/(1 + x') on the interval [... Leigh borrows \$35 000 to complete home renovations. Compound interest will be charged at the rate of 4.6% per annum, compounding monthly. If Leigh makes monthly payments of \$1529.24, the amount of int... A typhoon severely damaged a certain place in Bundok Peninsula Quezon Province. The wealthiest family in that area who happened to have large businesses have thought of a way to help SME's or the smal... business mathematics. Question 20 (3 points) The cost of warehouse space is allocated to three inventories: raw materials, work-in-process, and finished goods. The inventories use the warehouse space ... By using the direct shortcut, convert the given binary to hexadecimal 11 0010 1101 0110 1 = hexadecimal 11 0010 1 = hexadecimal 11 0010 1101 0110 1 = hexadecimal 11 0010 10 0 = hexadecimal 11 0010 1 = hexadecimal 11 0 0 hexadecimal 11 0 hexadecimal 11 0 hexadecimal 11 0 convex polyhedron in 3-space with F faces, E edges, and V vertices. Let OP denote its boundary (the union of the faces). Denote the faces by f1...... John wants to apply for a loan, with a Present Annuity due value of \$3,500,568.78 from a bank that charges 14.28 % interest per annum, compounded monthly. If he can only be able to pay back 43,367.2... how to evaluate the following expression using MDAS,5+3/2+1? 4+9*6-8? 8/3*4+8/3-9? [(8*3]/2]+(6/3)? Solve the following system using matrices. If infinite solutions give a pattern to the solutions using a parameter, then use pattern to come up with a solution. 3x + 2y + 12z = 10 2y = -6z 4z = 5 - ... Pls answer asap. The formula A = P(1 + r) gives the amount A in dollars will grow to in 2 years at interest rate r (where r is The interest rate is |% given as a decimal), using compoun... The fan blades on commercial jet engines must be replaced when wear on these parts indicates too much variability to pass inspection. If a single fan blade broke during operation, it could severely en... Show that the length and the variance of the length of a t confidence interval for ? when sampling from a normal population approaches 0 as the sample size increases. - 1 hour 0/ QUESTION 13 . 1 POINT Carl placed \$4,300 in a savings account that compounds interest annually at a rate of 0.5%. How much will he have in the account after 10 years? Round your answer to ... reference: this sum is from a subject called advanced optimization techniques 🚸 What are some of the trends in mobile
banking? Will we become a cashless society in which all transactions are made with some type of credit card? Are there any drawbacks to this form of banking? Desc... Mathematica. Question 1. Let r(t) denote the return of an asset in time period t, and assume that time varies over T periods, i.e., t: 1, 2, ..., T - 1, T. Let rtotal denote the total return over th... Where does the data commentary actually start? State the number of the sentence. 2. What are the purposes of sentences 1 and 2? 5. The author has chosen to comment only on e-mail attachments... Bring the business section of a major newspaper to class. Discuss with a partner articles on stocks and bonds. . Let s represents the displacement, and let t represents the time for an object moving with rectilinear motion, according to the given function. Find the instantaneous velocity for the given time. ... Lynette bought a new car for \$34,000\$34,000. She paid a 10%10% down payment and financed the remaining balance for 6060 months with an APR of 4.2%4.2%. Assuming she made monthly payments, determine... Applications No Due Date Points 100 Submitting an external tool Question Minneapolis has 180 parks to 425, 403 people. If Brooklyn, with a population of 2, 533, 000, was proportional to Minneapolis in... 1) Elaborate FOUR (4) functions dinar and dirham in Prophet era. 2) Give THREE (3) applications dinar and dirham in modern era. Tracking error problem Suppose {rx (Rd : k = 1,..., N} denote N IID samples of the quarterly rate of return each of the d assets, and let {bx : k = 1, ..., N} ..., N} denote IID samples of the quarterly r... please show steps on how to solve the problem. 2. Suppose y(s) is a unit speed curve in 3-space. A surface S in 3-space is said to rectify (or straighten) the curve y when y lies on S and is a geodesi... c) Find the time taken for the population to halve. Show working. [2 marks] (Round your answer to the nearest week) The population of rabbits on a particular island, t weeks after a virus is introduce... Let X, Y be finite sets with X = m and f: X - Y is a function, prove the following: (a) If m > n and f: X - Y is a function, then f is not injective. (b) If m = n and f: X - Y is a function, prove the following: (a) If m > n and f: X - Y is a function, then f is not injective. (b) If m = n and f: X - Y is a function, prove the following: (a) If m > n and f: X - Y is a function, then f is not injective. (b) If m = n and f: X - Y is a function, then f is not injective. (a) If m > n and f: X - Y is a function, then f is not injective. (b) If m = n and f: X - Y is a function, then f is not injective. (b) If m = n and f: X - Y is a function, then f is not injective. (b) If m = n and f: X - Y is a function, then f is not injective. (b) If m = n and f: X - Y is a function, then f is not injective. (b) If m = n and f: X - Y is a function, then f is not injective. (b) If m = n and f: X - Y is a function, then f is not injective. (b) If m = n and f: X - Y is a function, then f is not injective. (b) If m = n and f: X - Y is a function, then f is not injective. (b) If m = n and f: X - Y is a function, then f is not injective. (b) If m = n and f: X - Y is a function, then f is not injective. (b) If m = n and f: X - Y is a function, then f is not injective. (b) If m = n and f: X - Y is a function, then f is not injective. (b) If m = n and f: X - Y is a function, then f is not injective. (b) If m = n and f: X - Y is a function, then f is not injective. (b) If m = n and f: X - Y is a function, then f is not injective. (b) If m = n and f: X - Y is a function, then f is not injective. (b) If m = n and f is not injective. (b) If m = n and f is not injective. (b) If m = n and f is not injective. (b) If m = n and f is not injective. (b) If m = n and f is not injective. (b) If m = n and f is not injective. (b) If m = n and f is not injective. (b) If m = n and f is not injective. (b) If m = n and f is not injective. (b) If m = n and THE ACCUMULATED VALUE OF AN ANNUITY WITH ANNUAL PAYMENTS OF \$1 200 FOR 20 YEARS AT 10% P.A. COMPOUNDED ANNUALLY? Formula for calculating the Avg Nr in system Suppose the population of bacteria in a culture is observed to increase over a fixed time period by an amount proportional to the population at the beginning of that period. if the initial population ... I need to solve this in 1 hour! Hope I can get help, thanks!! Question 15 Calculate the flow rate for an intravenous infusion of 1 L of fluid to run over 8 hours with a set calibrated at 20 drops/ml. ... A set of data is normally distributed with a mean of 50 and a standard deviation of 4.5. Approximately what percent of data would you expect to be between 41 and 59? a. 34% b. 50% c. 68% d. 95% A samp... FINDING THE INTEREST RATE PER PERIODS (n) Problems How long will it take P10,000 to accumulate to the amount of P11,000 at 12% compounded monthly? How to prove the following When implementing this, you will be required to write code for the policy gradient weight update, o(, Vets(stat) G: is formally defined above. In the space below, prove the ... The purpose of this problem is to familiarize yourself with Excel functions such as average(), stdev(), correl(), var() that can be used to compute simple statistics such as mean, standard deviation, ... An empty bottle of mass 3 kg is released from a submarine and rises with an acceleration of 0.7 ms -2 . If the water causes a resistance of 0.5 N. What is the size of the buoyancy force causing the bo... I need help. Amir deposits \$20,000 at the beginning of each year for 8 years in an account paying 6% compounded annually. He then puts the total amount on deposit in another account paying 9% compound... 3 ent 6. 7. 8. 9. co/- w/- N- col- col- w/ - co- Match each pair of equivalent fractions. Co- al- A fair coin is flipped two times. What is the probability that tails occurs exactly 2 times if it is known that tails occurs at least once? please write the answer in fraction.. Consider the following argument. If Sandra does not go shopping, then she is staying at home. If Sandra does not go shopping, then she is staying at home. If Sandra does not go shopping then she has accompanies. Sandra has accompanies only if her friends agree to me... Athena invested ?50,000.00 at an annual rate of 6% compounded annually. a. Find the total amount in the account after 10 years if no withdrawals and no additional deposits are made. Please show me ho to set this equation in SIMULINK, $\alpha * dT(x, t)/dt = d2T(x, t$ bought reams of coupon bond for modules with a total cost of (18×3-39... West of a city, a certain eastbound route is straight and makes a steep descent toward the city. The highway has a 12% grade, which means that its slope is -12/100 Driving on this road, you noti... Question 1 a) Let 2 51 A= 0 -3). 6 -4 2 Calculate the quantities i. AB-UV, (A-21)U. ii. UTU, UUT iii. det A, det (B B) b) A square nxn matrix S is called symmetric, if S = S, and it is called anti- s... Let t7 = 256 and 1512 = 8192 in a. GP (3.) Which term takes the value of tn = 1073741824? (b) Determine 316. In this problem, we explore the effect on the standard deviation of adding the same constant to each data value in a data set. Consider the following data set. 6, 10, 4, 12, 6 (a) Use the defining for... The question is : Use this method to answer : CHAPTER 7 APPLICATIONS OF RESIDUES We turn now to some important applications of the theory of residues, which was de-veloped in Chap. 6. The appl... Instructure.com/courses/65284/quizzes/529292/take Question 14 6 pts One formula for wavelength (1) is A where (v) equals distance a wave travels in meters from a source in one second while (f) equals ... a) Define the negation of "This is a boring course" As part of your retirement planning, you purchase an annuity that pays 4.25 % annual interest compounded quarterly a. If you make quarterly payments of \$700 how much will you have saved in 5 years?... answer questions with steps. Sample Questions [2x + 3y = 6 15x - 21y = -44 by eliminating a variable by adding... Discrete Mathematics-usp. (a) Find the hexadecimal expansion of the integer 35891 (b) A certain type of push-button door lock requires you to enter a code before the lock will open. The lock has six b... V Computer Assignment 2 - Chapter 9 - binomial - Fall 2021 (1).docx - Protected View - Saved W Design Layout Stephania Ma References Mailings Review View Help Foxit PDF iles from the Internet can cont... Miguel made \$35,000 in taxable income last year. Suppose the income tax rate is 15% for the first \$7500 plus 18% for the amount over \$7500. How much must Miguel pay in income ... This problem involves empirical probability. The table shows the breakdown of 96 thousand single parents on active duty in the U.S. military in a certain year. All numbers are in thousands and rounded... Consider A (Rx&quo... The Naturals Cosmetics Co. is considering an Ad Campaign for their new Sulphate Free Shampoo (SFS). They are considering three TV channels for the campaign - Star, Galaxy and Cosmos. The expected expo... A farmer plans to mix two types of food A costs \$10 and contains 40 units of proteins, 20 units of minerals and 10 units of vita... Find the mean, median, mode and range for each set of numbers. b. ?... (3 marks) 4. If it costs \$1,845.81 CDN to buy 1,250.00 Euros, what would it cost to purchase 750.00 Euros? (3 marks) Sir i am stuck for this question with complete explanation. The temperature at a point (, y, z) is given by T(x, y, 2) = 7e-6×2-5y2-722 where T' is in degrees Celsius and , y and z are in metres. a. F... (a) What does the Existence and Uniqueness Theorem predict about the so- lutions of the initial value problem (IVP). 3y Iny y = , y (6) = 3 r - 2 (b) Consider the DE x' y'' - 3ry' + 4y = 0 for >... Numerically integrate the equation equation (3) $dv/dt = (1-v)^2/10$ from t = 0 to t = 020. Assume that y(0) = 0. The solution of equation 3 is y = 1 - (10/t+10) ...
college mathematics. Find the least common denominator (LCD) of 11 and 10 15 X 5 ? please help assignment 3 question 13. Convert the decimal number (-0.640731), to the mini-IEEE floating point format: Sign Exponent Mantissa Number It is possible that the mini-IEEE representation y... thanks for your help. Question 1 (15 points) Let -2 1 A = 0 20 -4 1 3 (i) (6 points) Find all the eigenvalues of A. (ii) (9 points) Find a matrix. The Clarkstown Central School District covers 4 towns. There are 35 members of the school board, and the 4 towns have the populations shown in the following Population Town A--30,492 Town B, --10... Solve the following polynomial equation by grouping and factoring. 16y3-25y=0 Enter the exact answers. The field below accepts a list of numbers or formulas separated by semicolons (e.g. 2;4;6 or x+... please solve in detailsassoon as possible. numerical analysis .. 11.6 Determine || Ally. All. and | All for - S [A] = Before determining the norms, scale the matrix by making the maximum element in eac... Coding Theorem: Error correction code: 2.3 Prove that A. (3, 2) = q2 for any integer q = 2. Fie A si B două evenimente, cu: P(B) = 0.35 si $P(A \cup B) = 0.65$. ? = P(A), în fiecare din cazurile: (I) A, B sunt incompatibile; (II) A, B sunt independente. uous. Prove that any integral curve x(t) of x(t) = v(x(t)) is a monotone function. Hint: Show that to the sets $\{v > 0\}$, $\{v = 0\}$ and $\{v < 0\}$ the... Given the following function Wp E(k, W) = 1 - + (w Themarginal costfunction for a particularitem produced by the Acme Roadrunner Roundup Corporation is given as C (x) = 0.14 x 2 2 - .6 x 1+20, where x = number of units produced. a. Usea Riemann Sumwith ... Romeo and Juliet have decided to continue their relationship, but are now entirely self-absorbed. Their love is (still) governed by a system of differential equations where R represents Romeo's feelin... CAG Seniors Healthcare, a seniors health and fitness center, operates a morning fitness program for senior citizens. The program includes aerobic exercise, followed b... need help with this problem. please show steps on how to solve the problem thank you. also if using any theorems or facts please state. . 4. Consider the space curve (t) = (asin" t, a sint co... Answer B. You deposit \$11,000 in an account that pays 4% interest to determine the ef... Note any observations about your measurements. Similar values? Different? Which method was more accurate? 2. How did the ratio calculated above help Radius in the story?. Watch this video watch Sir... [2/3 Points] DETAILS PREVIOUS ANSWERS Does it pay to ask for a raise and the percentage who got one. A... Help me answer the following question. . If X is a discrete random variable with equal probability at 4, 9, 10, 11, then the mean of X is: 0 9 O 8.5 O 34 O None of the above. The standard deviatio... There's a game where there are 2 blue balls and 2 red balls in a bag. Each ball is removed from the bag without replacement & if you guess the color of the ball correctly you earn a dollar. How mu... Find all points that lie on the line 2x+3y=1. Where x and y are in the number system F 5, F 5 = (0,1,2,3,4) Give 2 consequences of the theorem that the size of language use is at least * (aleph-1). ~ p right arrow not q q right arrow p determine whether the argument below is valid. The following table gives the success record of a certain weather forecaster in predicted No ... Explain how a phonetic alphabet can be regarded as an error-correcting code for spoken word. 5. We used probability tools to show that smaller messages would have, on average, fewer errors than 1... Use Bisection and False Position Method to locate the root of e X - 4X 2 = 0 between X = 0 and 2. Use 5 decimals in all values. Stop when the absolute error is less than 0.3%. Abs Error = ((Xr new... A persymmetric matrix is a matrix that is symmetric about both diagonals; that is, an N × N matrix A = (a ij) is persymmetric if a ij = a ji = a N + 1 - i, N + 1 - j, for all ... The statistical tool known as the "chi-squared" is tool is commonly used by researchers when trying to determine whether or not "observed" data differs statistically from "expected" data. The (Table 4... Can you assist with this question?. Question 12 (2 points) Listen Olivia borrowed \$3,000 at a simple interest rate of 0.40% p.m. for 9 months. Calculate the maturity value of the loan at the end o.... Let R C A x B and S C C x D. We define a new relation R * S C (A + C) x (B + D) by (I, i)(R * 5)(y, j) <> (i = j = 0AxRy) V (i = j = 1AxSy). (a) [2 points] Prove that if R and S are total, then ... Question 12 0/5 pts 1 65535 98 0 Details Find a plane containing the point (-1,-1,-3) and the line of intersection of the planes - 1x + 2y - 1z = -9 and 4x + 4y - 3z = -11 Note: See the "Read&g... Question 8 (1 point) Natura currently sells 1316 couches per day in their main location. They believe that by opening a store across the street, that location will sell 884 couches per day. However, t... solve for l subscript t. b(1-c) b(1-Q) b(1-Q) Consider the following nonlinear system 20 2 21 = 2 1 1 + 27 2 1 20 2 = 1 + x1 (a) Show that the origin is an equilibrium point (b) Using the Lyapunov function candidate, V(ac) = 27 + 23 what are th... Question 1 (1 point) You decide to purchase a \$300,000 home. You have a 20% down payment. You select a 20-year loan at 4%. Find: (a) The monthly payment (include a \$ and no commas) Please provide a proof for the following proposition. Let n E 2 be on integer. Then the largest integer d tha... (a) Explain assumption (i). (b) Write the equations for C,+, and based on the above information. (c) Show that S = 1/f, C = B is a steady state of the equations. (d) Use stability analysis to show tha... Question 8 < > Solve for x. 2(3x - 1) - 4(4x) = -40 If needed, enter your answer as a reduced fraction. Question Help: Message instructor Problem 2 (20%): Consider the function: $f(x) = x \cos(x^2)$ Estimate the first derivative of f(x) and the true error in the derivative at x=0.7 (true value is 0.42111) using: a) High accuracy Forward di... Sir i am stuck for this question . 3) [16 Points Total] Solve the initial-value problem $y' = 2t \cos(t) y$, y(0) = 3. Write your answer in as simple a form as you can. Sir i am stuck for this question . 3) question. Q4 FUNCTIONS En GRAPHS (a) Use the slope and y-intercept method to find the slope and y-intercept of -2x-9y-21={} {b} Draw the graph of the functional analysis. THEOREM (1) Let f be a bounded space linear functional defined on subspace X. Then (1) there exist a bounded linear functional F defined ... For the given system of forces, determine the following: a) Resultant and Ox, b) x and y intercept, and c) equivalent horizontal and vertical couples acting at A and B. (LO2) 200 KN 180 KN 1 2 A B ... discuss the morality of Google's page-ranking algorithm. (a) Does it systematically exclude Web pages containing opinions held only by a small segment of the population? (b) Should every opinion on ... Pasos detallados para entender mejor A) disminuye B)no cambia (aumenta, disminuye b)no cambia), cu... Help needed to understand. From a group of 10 people. you randomly select 5 of them. What is the probability that they are the 5 oldest people in the group? Give your answer as a fraction I NEED HELP. Provide what is being ask in each item. Write the equation of the following problems and solve for the unknown. Solve for the unknown variable: If r varies directly as s If r... In a survey, 10 people were asked how much they spent on their child's last birthday gift. The results were roughly bell-shaped with a mean of \$40 and standard deviation of \$20. Construct a confidence... A property sold for 21 0% of what the vendors originally paid for it. What was that original price if the recent selling price was \$745,500 ? Approximate the values of 2/3 and 1/7 correct to 4d.p are 0.6667 and 0.1429 respectively. Find the maximum possible absolute and relative error in the sum and the product of the two values. Contois Carpets is a small manufacturer of carpeting for home and ... Contois Carpets is a small manufacturer of carpeting for home and ... capacity, demand, production ... Prove the following identities. $1 + \sin x + \cos x + \cos x + \sin x + \sin$ sin 2 n w 2 d w. Construct a tabl.... 2) A lumber sawmill in British Columbia had a very prosperous year. The following observa- tions represent the number of hours of employee overtime required to meet consumer de- mand for each of t... 2.1 to 2.5. Each time a photocopy is made from a previous photocopy, the quality of the print decreases by 11%. Determine how many times this photocopying can be done before the quality becomes less t... i cant get the 2nd part correct! pls help. A couple finances the purchase with a 15 year mortgage at an annual rate of 2.54%. Find the mon... How can statistics be persuasive and misleading? Please provide an example. The theoretically refect interpolation function. But we cannot actually use it in practice. Why not? . Question 2 (Module Outcome #2): 100 students were asked about the flavor of ice cream consumed in the past week: 27 students reported that they ate vanilla ice cream, 25 students reported that the.... Ms. Sally owns a well-known brand, Batik Trusmi with fixed costs of \$500,000 and variable costs of \$40 per unit. Each unit has a selling price of \$80. Determine the number of units that must be so... 1 hour QUESTION 6 . 1 POINT Shana took out a \$35, 000 student loan at a 6% interest rate. She will not make a payment for 4 per unit. years. How much will be owed in 4 years with monthly compounding? Round your... Match the type of variable with the correct example by placing the variable type. _____ Nominal A. Amount of monthly sales at a large department sto... help please. I he distribution of Master's degrees conterred by a university is listed in the tabl Major Frequency Mathematics
216 English 207 Engineering 86 Business 176 Education 222 Find the probab... Prepare the depreciation schedule, using the declining balance (twice the straight-line rate). (Input all amounts as positive values. Leave no cells blank - be certain to enter "0" wherever required.)... If the maturity value on a 5- week simple interest loan is \$13,576 and the daily simple interest rate is 0.1%, how much was borrowed? (2.5 pts) Diane also started with 100 anger units. However, each week she lost 5 anger units. For example, after 1 week she lost 5 anger units. For example, after 1 week she had 90 anger units. bank offers 0.25% annual simple interest rate for a particular deposit. How much interest will be earned 1 million is deposited in this savings account for 1 year. Given: P = 1... In a Survey on Twitter, people voted the Allatoona was the cleanest high school in the state of Georgia. Allatoona won with 73% of the vote. The fine print states that there is a margin of error of + ... Maria works for a market research company. analayze the following survey which was designed by the peach marketing board. consider ethics, design for honest responses and bias suggest five changes tha... Subject: Food Engineering (Unit Operation) Pls. show step by step solution how to arrive in the given answer. Thank . 3. In a machine, buttermaking process is facilitated by a s... Problem 2 (adapted) Electron Inc. produces a variety of electronic products which it sells to retail stores throughout the country. The following data is available for the year for one of the products... math thx!!!. 1. Suppose that we have N observations denoted by x = (331, ...,J;N) from an autoregressive (AR) model of order 1. Therefore data is generated by the process, $33 \notin = amt - 1 + 6^{"} 15$: 2,... Please provide Handwritten answer of all parts. 7. (a) Use the method of partial fractions to find 2-(F(s) }: F(s) 38 + 5s + 3 (b) Use the Convolution Theorem to find 2-(F(s)): 3 F() (#2 + 4)42 (c... In a 3-point bending point test configuration (shown above) under static equilibrium, the following formula applies: Ay = By = - where F is the applied force (in N) and A and B are the reaction forces... show working. This data is from a sample. Calculate the mean, standard deviation, and coefficient of variation. 33.6 26.8 14.9 35.8 44.2 11.6 Click to Copy-and-Paste Data Please. show the following ans... Find the savings plan balance after 2 years with an APR of 6% and monthly payments of \$300. What is the balance Solve the following problem.. Prove that the number of partitions of it into parts of size 1 and 2 is equal to the number of partitions of n + 3 into exactly two distinct parts. Tristan and two of his friends purchased tickets to a school play. Tristan paid for all the tickets with a \$50.00 bill and received \$23.00 in change. If Tristan used a coupon for 25% off, what wa... () q2.pdf - Adobe Acrobat Reader DC (32-bit) X File Edit View Sign Window Help Home Tools q2.pdf X (? Sign In 1 /1 Question 2 Search 'Signature a) In Space Mining Expedition, a spaceship is required t... HOW DO I SEE THE WORLD WITHOUT MATH I. What would happen to the world without the existence of math? Explain the following scenarios with data inferences from research... please answer all questions showing work . The executor of Sam Jackson's estate is to divide \$880,000 between three charities, the United Way, Heart Fund and Red _ Cross in the ratio of 6:3:2 respe... we can show that for this recurrence $T(n) = T(\alpha n) + T(\beta n) + \theta(n)$ where $\alpha + \beta < 1$ then prove $T(n) = \theta(n)$ The product of integral values of x for which $x^4 - 10(x^2) + 9 < 0$ is valid is? help please. Jarak dua lokasi di atas peta ialah 8 cm dengan skala peta itu ialah 1:450 000. Hitung jarak sebenar, dalam km, bagi dua lokasi itu. The amount of money spent weekly on cleaning, maintenance, and repairs at a large restaurant was observed over a long period of time to be approximately normally distributed, with mean u = \$629 and st... 3rd grade math. Brain builder chapter 2 addition. Brain Builders Processes 16. & Practices 2 Use Number Sense Use the digits 0 through 7 to create two 4-digit numbers whose sum is greater than 9,9... Question 24 (2 marks) A cake shop has run out of square cake that only just fits ... 16. Simply supported beam in Fig. 293A. Find solutions Un = Fn(x)Gn(t) of (21) corresponding to zero initial velocity and satisfying the boundary conditions (see Fig. 293A) u (0, t) = 0, u (L, t) ... Let a group G act on a set X. We define a relation of X by $x \sim y$ if there exists $g \in G$ such that $g \cdot x = y$. Prove that it's an equivalence relation. Describe the partition of X by $x \sim y$ if there exists $g \in G$ such that $g \cdot x = y$. Prove that it's an equivalence relation. Describe the partition of X by $x \sim y$ if there exists $g \in G$ such that $g \cdot x = y$. X induced by this equ... . Q.1 Determine the total project time and all the critical paths. (a) A G 3 7 2 2 19 C F 6 please help . 5. In calculus we often calculate area as the integral of length. We can formulate this in differential geometry and see just when it holds true. Suppose give a surface patch o(u, v) wi... You have a container of Halloween candy Every time you turn the crank a piece of candy falls out. There are 5 pieces of taffy, 14 mini chocolate bars, 3 pieces of gum, 4 Smarties, and 2 Hershey kisse... Let ?(?)=3(x? x)-2? x and the interpolation points x 0 = -2, x 1 = -1, x 2 = 1 a. UseUse the interpolation polynomial of your choice to approximate ?(0,7). b. Compare the exact erro... 3 Assignments 1. Suppose that Zt = 5 + 2t + Xt, where $\{X\}$ is a zero-mean stationary series with ACVF $\{7KY. (1) Find$ the mean function for $\{Zt\}$. (2) Find the ACVF for $\{Z.\}$. (3) Is $\{Zt\}$ weakly station... Thank you!. Determine whether the following functions are linear or not. (a) $T : IR2 \rightarrow RR2$ by T(y) = x + 2y 3y + 1 (b) $T: IR2 \rightarrow I2$ by T(y) = x + 3y. $2xy(c) T: I2 \rightarrow R23$ by T(y) = 2xty x x.. Dos alambres paralelos estan separados por 6.00 cm, cada uno con 3.00 A de corriente en la misma direccion. a) ¿Cual es la magnitud de los alambres? b) ¿la f... anlysis. 5. Let f: $[0, 1] \rightarrow R$ be defined by f (a) = if x = 1/n for some n E Z>o, otherwise. Prove that f is integrable on [0, 1] and compute So f. Given f7=25, what is the value of f8? (1 Point) a. 41 b. 35 c. 34 d. 29 . A researcher wanted to estimate the population proportion of voters who are disappointed in the Federal government's handling of COVID-19. The researcher took a random sample of 145 voters and ... PART D: Hypothesis Test using the Student's t-Distribution (10 Marks) Use excel to complete a t-test for the 2 diffe.... This answer has not been graded yet. 2. [/0.62 Points] DETAILS LARMPMT1 2.1.005. Write each set using the listing method. (a) the set of integers from 3 through 11 (b) the set of letters in the w... cube is cut parallel to one face by making 7 cuts such that all the resulting pieces are identical. What is the maximum number of identical pieces that can be obtained now by making 9 more cuts in any... Question 1: It takes 10 units of carbohydrates and 4 units of protein to satisfy Ralph's minimum weekly requirements. The meat contains 2 units of carbohydrates and 2 units of carbohydrates and 4 units of protein to satisfy Ralph's minimum weekly requirements. The meat contains 2 units of carbohydrates and 2 units of carbohydrates and 2 units of carbohydrates and 4 units of protein per pound. The c... 15. Consider two people where one person is 20% taller than the other but proportioned in exactly the same way. (That is, the taller person looks like a larger version of the shorter person.... A current poll has Candidate B by 46% to 42% with a margin of error or (plus/minus) 3.5%. Confidence intervals are created by adding and subtracting the margin of error or (plus/minus) 3.5%. Confidence intervals are created by adding and subtracting the margin of error or (plus/minus) 3.5%. cm C. 2,39 cm D. 0,021 m Alejandra pagará una deuda con \$350 000 después de 4 años que se concedió el préstamo, si la tasa de interés que se aplicó fue de 18% compuesto anual, ¿qué cantidad le prestaron? One pump can empty a pool in 7 days, whereas a second pump can empty a pool in 7 days. together, to empty the pool? (Fractional answers are OK.) The fi... Using the provided tree, determine Pr[G|I]. 1228quiz4_7aTREE011.pdf 4 KB A. 263 B. 113 C. 3037 D. 1213 E. 737 . Using the provided tree, determine Pr[G|I]. 1228quiz4_7aTREE011.pdf 4 KB... Identifying Good System Administrators. A management consultant is studying the roles played by experience and training in a system administrator's ability to complete an set of tasks in a specified a... System of Equations of Circle/Line (L1) Can you offer advice on solving this type of system for all solutions (x-3) 2 + (y-5) 2 = 65 x+y=-1 Answer: And... 29:44 0/S QUESTION 1 . 1 POINT Jessie has decided that she can afford a monthly mortgage payment of \$600. She has been offered a 4%, 20 year loan from her bank. What formula could you type into Excel ... A sample of helium gas has a volume of 6.5 L at a pressure of 1.11 atm and a temperature of 25 °C. What is the pressure of the gas in atm when the volume and temperature of the gas sample are changed... 2a. Given sin 0 = V57 where OSOS27. Determine the exact values of cos 0, csc 0 and tan 0. (4 marks) b. Find the value of 20 in radians to 2 decimal places, (2 marks) Please and thank you!. Jotham needs 24 liters of a 50% alcohol solution. He has a 10% and a 70% solution available. How many liters of the 10% and how many liters of the 70% solutions should he mix to... For all real numbers x, if x is rational and not equal to 0 then x² is rational and not equal to 0 30.As part of your retirement planning, you purchase an annuity that pays 4.1%
annualinterest compounded quarterly a. If you make quarte form. During one week, 124 books were checked out of the school library. That same week, 77 books were returned. Did the library have more books or fewer books at the end of the week than at ... Solve the system of equations. -22=6 = 7 2 w -3y+2z=-6 -r+2y = 7 If there are infinitely many solutions, enter w, x, y, and = in the answer fields w, x, y, and z, respectively. If there is no solution, ... Part b question 3. 3. For what value of k will the polynomial $f(x) = 3 \times 3 + kx^2 - 5x + 1$ have a remainder of 85 when it is divided by (x - 3)? I (3 marks). 6. Starting on day n = 1, you buy one lottery ticket each day. Each ticket costs 1 dollar and is independently a winner than can be cashed for 5 dollars with probability 0.1; otherwise the ticket ... If you invest \$10,800 in the United States, and the interest is compounded monthly, when, to the nearest month, will your investment be worth \$30,000? Some data sets include values so high or so low that they seem to stand apart from the rest of the data. These data are called outliers. Outliers may represent data collection errors, data entry error... I need a model. Tower A is 115 m tall. Tower A is 115 m tall. Tower A is 10 m shorter than Tower A. What is the total height of the two towers? Compute 54 x 31 by showing the partial products. Sketch and answering the compute 54 x 31 by showing the partial products. following questions. As... you are charged \$16.05 for a meal. Assume sales tax is 7%, what was the meu price for the meal? For my combinatorics class, any help would be really really appreciated! I'm completely lost. Please add explanation if you can! . Exercise 2) Consider the polyhedron ON OO ID P = xER' : ac OH L Draw ... I have 30 min to solve this????. Question Completion Status: QUESTION 5 1 points Save A com... I have a project to choose a subject and link them can you help with some ideas. 1.09 NARRATIVE CHAIN Let X, Y be sets and f: X - Y be a function. Define Idy : X - X by Idx (x) def = x. Prove the following are equivalent: (a) There exists a function g: f(X) -> X such that gof = Idx (b) f is injecti... I would appreciate having a solution written with nice handwriting and detail explanations. Find all the local minima and local maxima of the following function on R2: (c) xy2 +ay - xy; Please answer the following question. Question 16 (4 marks) Show that if z_1 , z_2 , z_3 and z_4 are complex numbers with $|z_3| \# |z_4$), then $z_1 + z_2 + z_2 + z_2 + z_3 + z_4 + z_3 - z_4$ Please help with the solution. . Question 6 What if the German forces had used a (ii-cylinder instead of an 8-cylinder generator — assume that the 8-... Consider the system yi = 1195g1 + 199592 U2 = 1197y1 - 1997y2 2 with initial conditions y1 (0) = 2, y2(0) = -2. Choose h = At = 0.1 with Wo = and 2 perform one step of forward Euler's and Backward ... Steve and Claire are married, and both lived and worked in North Carolina for the entire 2013 tax year. Their total adjusted gross income was \$90,000 and they qualified for the standard deduction of \$... Given the linear programming problem, use the method of corners to determine where the minimum occurs and give the minimum occurs and give the minimum value. C=x+6y Subject to $x \le 7$ y ≤ 10 x + y ≥ 10 x ≥ 0 y $\ge ...$ Please slove This question. Section 16.2 Follow-up Exercises For each of the following functions determine the location of all critical points and dez mine their nature. 1 f(x) = 3×2 - 48x + 100 2 f (... (2.5 pts) Suppose that we could somehow measure and quantify Jack and Diane's love units." Suppose that we could somehow measure and quantify Jack and Diane's love units." which has a maximum value of 1000 at Q = 20, and which is zero at Q = 0. Hence, locate the second point where ... The pH of a substance is a measure of the concentration of hydrogen ions in solution. It is defined as follows: pH... Please help with this applied math question. In this MATH336 assignment problem, consider the LP: (P) min (-5, -7, -5)r 2 3 4 5 6 16 0 09 s.t. IVIVIAIA -J 8 T1, 12, 13 0. (a) Write the dual (D) of the... Suppose the group of 15 people consists of 7 men and 8 women. How many 6-person teams contain at most 3 men? In the golden section method show that Ock+1 = BK when f(ak) > f(Bk) i.e., when ak+1 = ak and bk+1 = bk. Sir i am stuck for this question . 8. Find an equation of the plane passing through the following given three points: a. Pi (1, 2, -1), P,(2, 3, 1), P,(3, -1, 2) b. Pi(1, 0, 1) P2(0, 1, -1) P,(1, ... Please prove the following given three points: a. Pi (1, 2, -1), P,(2, 3, 1), P,(3, -1, 2) b. Pi(1, 0, 1) P2(0, 1, -1) P,(1, ... Please prove the following given three points: a. Pi (1, 2, -1), P,(2, 3, 1), P,(3, -1, 2) b. Pi(1, 0, 1) P2(0, 1, -1) P,(1, ... Please prove the following given three points: a. Pi (1, 2, -1), P,(2, 3, 1), P,(3, -1, 2) b. Pi(1, 0, 1) P2(0, 1, -1) P,(1, ... Please prove the following given three points: a. Pi (1, 2, -1), P,(2, 3, 1), P,(3, -1, 2) b. Pi(1, 0, 1) P2(0, 1, -1) P,(1, ... Please prove the following statement with a formal proof structure and explain each step. Thanks! *I will upvote **only prove it. for all prime numbers for n . For all prime numbers, the quantity SIA ... QUESTION 4 MODELS FOR STRATEGIC DECISION MAKING . Qneatmn 1 Five options, A, E, U, D, E, are compared under the four criteria, Cl, Cg, C4. The first, third and fourth criteria. have the same im... For my combinatorics class – please include explanation! points) For each of the following, state whether it is true or false. No explanation is necessary. (a) Let max { ca : Ax = b, x 2 0... In the sequence 3,7,11,15,19, the most probable next term is 23 The movement of the progress bar may be uneven because questions can be worth more or less (including zero) depending on Which value of a will make the following equation true? 5-1 125 No value of a w... Consider a graph G = (V, E). Let XM $E \{0, 1\}$ denotes the characteristic vectors of all matchings in G, and $P := \{x \in R : ZeeE \dots Need help with step by step solution.$ Use truth table to show the equivalence. p - (q - r) = (p - r)r) -> q Can i please have full working out to this question and it's parts, thank you!. Question 4 [25 marks] A generator at a regional Power Station pmdums an alternating voltage1 according to the function, V... stuck on these 3 questions please show me how to do them thanks C 2.8 m 1.5 m F = 295 N 0.5 m 30 B 1.2 m 0.5 m. Part Description the magnitude of component parallel A. to the hinge axis of the door, (include units with answer) the magnitude of the component B. par... I need help. Factoring: Assignment Activity 4 1. Factor. a) y = x' - 8x - 33 b) y = x' - 8x + 12 e) $y = 5 \times 2 + 45x + 70$ f) y = x' - 8x - 33 b) y = x' - 8x - 33 b movie called: Up (2009) by Pete Docter LINK TO THE MOVIE (copy and paste the link): After watching the movie make sure to do all 4 observat... es QMS110-Applied Mathematics for Business Daniel Abiodun & = Homework: 2-B... < Question 4, *3.1.C.2 HW Score: 10.31%, 2.06 of 20 points: 0 of 1 Save Part 1 of 4 The cost of operating. [10] 3. Consider A c Rxn with elements a;; defined as follows: 1 ifi = j; i = 1. ..n, j = help understanding these problem set questions.. Find the I and y intercepts of the equation: 10r + 6y = 8 Use the intercepts to graph the equation: 12 < You have taken a loan of \$73,000.00 for 23 years at 5.3% compounded quarterly. Fill in the table below: (Round all answers to 2 decimal places.) Payment number Payment amount Princip... In specific identification, which one is not true? None of these Low-cost items are often used in this method Ending inventory is associated with specific purchase prices. whose graph contains all of the characteristics below. - vertical asymptote with equation ... Problem 3: Basis for polynomial splines for the splines of order & & m for some fixed me N. Consider a se... Using the example + + 7, explain why we add fractions with like denominators the way we do. What is the logic behind the procedure? Make math drawings to support your explanation. can you help me ?. It is given the functions Diberi fungsi g: x - 4x + 1 fS : x - 4x + 1 a linear transformation T. Find a basis for the kernel of T. Use simplex method to solve linear programming problems. In maximization problems. In maximization problems determine if there are any recourses left over: First picture is an example. when you multiply two fractions. The ba... Las cantidades ofertadas por las soluciones del siguiente sistema de ecuacio... X Carmen says that it's easy to multiply even numbers by 5 because you just take half of the number and put a zero on the end. Write equa- tions that incorporate Carmen's method and that demonstra... Exercise 3.30. Let {n}nen be a sequence is Cauchy. Exercise 3.31. Use Exercise 3.30 to show the sequ... 28 out of 224 members of a seniors residence were infected with Covid 19. What percentage of the residents were infected with Covid 19? Each answer cell is worth four points. Your responses to the last six questions. Year 1 Year 2 Nine years ago you began workin... Prove that there is a unique set T such that for every set S, SnT = 0. Please provide Handwritten answer. 1. How many multiplies and additions are needed for each of the following computa- tions? (a) composition of ... Problem (3) (30 Pts) Using the Queuing Theory principles, a) List Lq, and Wq for all of the stations in a table b) Determine the performance measure (L, W) of the system. 0.25 S2 S4 0.6 H,=15 HA=13 2=... hello help me plzzz. 213 Complete each row of the table below. The first row has been completed for you. Location Midday Change Next day midday temperature tem explaining your step-by-step Approach to solving the problem below. Do you presentation in Power point or you just list what I Need to h..... Using 4 A parabola has the equation in vertex form.
14 2. Identify the vertex of the parabola. /1 3. Determine the zeros. HINT: you canno... Using Desmos to design a roller coaster that using quadratic, circular, hyperbola, sine, cosine functions. Maximum length 200m Maximum height 60m Starting and ending must be horizontal and 5m above th... What is the probability that a lot will be accepted if a reliability testing plan calls for testing 15 items for 48 hours, with a reject number of 2, and the MTTF is actually 360 hours? (10) A couple plans to save for their child's college education. What principal must be deposited by the parents when their child reaches the age of 18? A... May i know how to solve it ?. BI. (a) A land reclamation ship needs a total of 3 (10 marks) hours to go 15 km upstream and then back again as shown in Figure 1(a). The river has a current of 2 km an h... Simplify this sentence Whole numbers such as 1, 2, 3, and 4 imply that the suture is very large diameter thread. This is coarse suture material. Please provide clear and neat solutions step by step? Thank you!. MATH 480 HOMEWORK 2: FIRST ORDER WAVE EQUATIONS 1. (a) Use the substitution method from 2.1) to solve '1" @ A at +633: u, u[:r... Problem 4 (12 Points) Solve X1 = X1 + x2 x2 = -x1 + x2, Angel invested a certain amount at 9% simple interest per year. after 7 years, the interest she received amounted to 49,000.00. how much did she invest? Solve the following. Find the number of permutations of {1, 2, ..., n} that have n - 2 left-to-right maxima. Wake-up call. Suppose you wake up each morning and think of an event that has a one-in-a-1000 chance of happening that day. Round the answers to three decimal places. What are the chances the ev... Consider there are 10 savers. Each chooses whether to withdraw their money from the bank or not. So long as 6 or more savers leave their money in the bank, the bank remains solvent and each saver (who... I need help. e value of the U.S. dollar in comparison to the value of the value of of vertices of G that form a secure total dominating set. I t Question 4 0 / 4 pts Estimate the number of peas that fit inside a 1 gallon jar. 58,237.08 Evaluate the following: l i m n $\rightarrow \infty \int 0 \infty y n s i n y n d y$, where we consider Lebesgue integral. top toys is planning a new radio and tv advertising campaign 300 dollars cost of radio and 2000 dollars cost of tv ads slader solution Sir i am stuck for this question . Question 9 Two ships pursue straight-line courses at steady speeds. At each time t (in hours, where 0 < t < 18). the positions of the two ships are given b... Calculate the monthly payment by table lookup and formula. (Answers will not be the same due to rounding of percents in table lookup.) (Use 15.5% for table lookup.) (Use the loan amortization table.) ... Identify two problem-solving heuristics you consider to be the most challenging to teach to students. Explain your reasoning. Simplify [-1, 3] \circ (-2, 0) u [1, 4). \circ [-1, 3] \circ [-1, 3] 0 3 elements E} 4 elements. Consider the ... 1.find integral of [(2sinx+3cosx+4)/(3sinx+4cosx+5)].dx (2.5 pts) The way Diane dealt with her anger was to run. Before the break-up, she ran an additional 0.5 miles each day. For exa... The following data were collected by an agency responsible for ensuring non-discriminali particular city. For each measurement, a young couple inquired about an apartment that had been advertised a... arithmetic sequences. b) When the ball is dropped onto a horizontal floor it bounces such that it reaches a maximum height of 60% of the height from which it was dropped i) Find... What is the recommended distance that should be maintained from the equipment to the path ?. Styles y COIS. LUVUPITT V. The recommended climbing height for non-fixed and mobile equipment for children ... EX.2: Let m and MR denote Lebesgue measure on R and the collection of Lebesgue measurable sets. For s E (0, co), let 7, : L! -> L' be the linear operator that acts as (7,q) (s) = q(t - s) for all t... Calculations: Numerator = 20, numerator = 70, ratio = 2.0, denominator = 70, ratio = 2.0, numerator = 70, ratio number 1 place to the left when we multiply by 10. solve quadratic function. correct answer without an explanation will not earn any credit Find the vertex and write the quadratic function. but I am completely lost on how and where to start the problem. Please can you provide explanation and show steps on how to approach the pr... What is the amount of a 1,000 investment after 6 years if it earns an annual rate of 8% compounded annually? N = $(1-2*pi^2*w^2)^2$ Solve for W Set the equation above equal to $h^2*R^2*W220/(2*sqrt(3)*lambda after finding W. Solve for W Set the equation above equal to <math>h^2*R^2*W220/(2*sqrt(3)*lambda after finding W. Solve for W Set the equation above equal to <math>h^2*R^2*W220/(2*sqrt(3)*lambda after finding W. Solve for W Set the equation above equal to <math>h^2*R^2*W220/(2*sqrt(3)*lambda after finding W. Solve for W Set the equation above equal to <math>h^2*R^2*W220/(2*sqrt(3)*lambda after finding W. Solve for W Set the equation above equal to <math>h^2*R^2*W220/(2*sqrt(3)*lambda after finding W. Solve for W Set the equation above equal to <math>h^2*R^2*W220/(2*sqrt(3)*lambda after finding W. Solve for W Set the equation above equal to <math>h^2*R^2*W220/(2*sqrt(3)*lambda after finding W. Solve for W Set the equation above equal to <math>h^2*R^2*W220/(2*sqrt(3)*lambda after finding W. Solve for W Set the equation above equal to <math>h^2*R^2*W220/(2*sqrt(3)*lambda after finding W. Solve for W Set the equation above equal to <math>h^2*R^2*W220/(2*sqrt(3)*lambda after finding W. Solve for W Set the equation above equal to <math>h^2*R^2*W220/(2*sqrt(3)*lambda after finding W. Solve for W Set the equation above equal to <math>h^2*R^2*W220/(2*sqrt(3)*lambda after finding W. Solve for W Set the equation above equal to <math>h^2*R^2*W220/(2*sqrt(3)*lambda after finding W. Solve for W Set the equation above equal to <math>h^2*R^2*W220/(2*sqrt(3)*lambda after finding W. Solve for W Set the equation above equal to <math>h^2*R^2*W220/(2*sqrt(3)*lambda after finding W. Solve for W Set the equation above equal to <math>h^2*R^2*W220/(2*sqrt(3)*lambda after finding W. Solve for W Set the equation above equal to <math>h^2*R^2*W220/(2*sqrt(3)*lambda after finding W. Solve for W Set the equation above equal to <math>h^2*R^2*W220/(2*sqrt(3)*lambda after finding W. Solve for W Set the equation abov$ for H Looking for some help on ultimately solving for h. Thank you for your... QUESTION 2.1 POINT Sarah will ship packages for anyone. She charges
\$4 for her services and then \$3.50 per item. What is the slope? (Do not include \$ in your answer.) Provide your answer below: m 1) what operation is performed on each variable then; explain how to undo that operation to isolate the variable on each: (a) x-9=36 (b) x+9=46 (c) x/9=36 (d) 9x =36 You are setting up a life annuity with a present value of \$150,000. Your life expectancy at retirement is 20 years, and you are interested in learning what your monthly yield will be if the APR is 7%,... Determine the measure of angle e given the following right-angled triangle. [2 marks] 13cm 6. Cory is building a ramp fer his school theatre production. It must climb a height of 65 em and have a s... Please provide Handwritten answer. Consider a second-price auction to sell an object in which there are 5 bidders. Recall that in a second-price auction, the bidder who makes the highest bid wins but Exercise 2 - Eigenvectors [25 pts]. In R. find the eigenvectors and eigenvalues of the second-order tensors listed below and give a geometric interpretation, we are interested in spherical waves. typicallyr generated by a point source. We can guess the Ansata fer a spherical wave at a far distance $\{r \rightarrow co\}$ to be of the f?... mathematics matrix. 2. Solve the following system of linear equations by Gaussian Elimination. X1 - 3X2 + 4X} + 6X, = 4 2x, - 6X2 + 3X\} + 7x. = -2 H - 3x, + 9X2 - 2 × 3 - 8X4 = 8 (15 Bring the business section of a major newspaper to class. Discuss the articles on stocks and bonds. choose 3 random numbers from 1 to 10 (repeats are allowed) and then select the second- biggest of the three numbers instead of the biggest. Define a variable called middleThree in Mathematica that ... A business loan worth P750,000 is to repaid in quarterly installment in 2 years. How much is the quarterly payment if money is worth 8% converted quarterly? WITH COMPLETE SOLUTIONS PLEASE 2d? Please and thank you. Graph an Equation on Paper and the Calculator 2. Look at the graph paper below. a) What is the smallest "x" value that you could plot? b) What is the largest "... create a graph with one even vertex and four odd vertices? A. O B. O c. B A B A B C D m E A professor knows 9 jokes and tells 3 jokes per lecture. Prove that in a course of 13 lectures. Cobalah hitung nilai chi square untuk tabel di bawah bila diketahui alpha 0,05 dengan df 4 = 9,48773. Tabel 7 Agama yang dianut mahasiswa UT (n = 300) Agama Frekuensi Islam 60 Kristen 30 Katolik 40 Hi... hard sum please solve it. A parallelogram has sides 12 em and & cm. If the distance between the 12 cm sides is 7.5 cm, find the distance between the 12 cm sides is 7.5 cm, find the distance between the 12 cm sides is 7.5 cm. Basketball 17 11 4 in w How many people watch volleyball? How many people watch basketball? ty 3 : Th... 6 (11 marks) Prove Darboux's result, namely that for a given function $f \in C2(R3)$ the following quantity, f(20; p) : ATP JOB(I; P) f(w) ds(w), satisfies the wave equation Oppf - Axf = 0. A private investment club has \$180,000 earmarked for investment in stocks. To arrive at an acceptable overall level of risk, the stocks that management is considering have been classified into three c... please help need it in 1 hour. 4- Let X, Y be rv's with joint density fxy(x, y) = C(x + y) for 0 < y < x < 1 and = 0 otherwise. (a) Determine the constant C so that this defines a joint pdf. (b... Can my tutor please explain and answer all of the following question, please show your work . CHRIS anHOY Chapter 7.3 1. In each case, find p and q. a. n = 80 and X = 90 c n = ... Sir i am stuck for this question with neat explanation. TRIGONOMETRY Q1 In the triangle PQR shown, angles P=55, R=60 and length PR=43.7 m. P (i) Solve this triangle and [9 marks] 550 43.7 m (ii) find ... Defend the following statements by using any proof technique: (a) For everyr n in N, n2 is even == n is even. "_n(u+1) WHEN. I: . 330 2 Please answer all parts to the question below. I will upvote!. 2. Show algebraically the following double inequality cty VIy OZA'IA 2 Determine the area of the triangle with vertices (8, -4, -9), (9, -5, -8), and (5, 0, -13). Use the square root symbol '\' where needed to give an exact value for your answer. ... Network in Problem 1 find the maximal flow I.) by inspection. Verify formula (7) for this example, and verify that ... D Question 6 Find the value(s) of the function, subject to: O s x s 5, 0 < y s 8, 4x + ... What is an f, norm? and for what values of p? what happens when p < 1? 5. Show that the solutions to the problem (P1) is convex and bounded. If 10% of my body mass is 12 kg, calculate 25% of my body mass Using a truth table, determine whether the given argument is valid or not.. ARGUMENT: 7 points If you take PE 1 in the first semester, you will be eligible to take PE 2 in the second semester. You wer... Frances made this line plot to record the weights of the tomatoes she picked from her garden. Tomato Weights + XXXX + XXX X X co- XX co / - Co/ A co|0) co/ No Weight (pounds) Key: Each X represents 1 ... Prove the following statement: Let the surface S be the graph of a differentiable function 2 = g(x, y) over the domain (I, y) e [-a, a] x b, c) (where a, b, c are fixed constants satisfying a > 0 a... Math Problems: You must show your work to receive credit. Use the following information for Questions #101 to #105: Head and Pressure Math Head, feet = (x, psi) x 1 foot of head 0.433 psi Pounds per s... Justify all your correct answer by explaining the reason/solution of your choice ASAP . 22. What is the standard form of the equation x2 - 36y2 - 20x + 64 = 0 ? 9 erin mala gill al in a.- (x-10)2 ... Duality and sensitivity analysis on the toy problem Consider the linear program max 211 + 12, subject to $12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 57$, \$2 - 10, \$1, 12 20. (a) Write the dual of this linear program max 211 + 12, subject to $12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 57$, \$2 - 10, \$1, 12 20. (b) Write the dual of this linear program max 211 + 12, subject to $12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 57$, \$2 - 10, \$1, 12 20. (b) Write the dual of this linear program max 211 + 12, subject to $12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 57$, \$2 - 10, \$1, 12 20. (c) Write the dual of this linear program max 211 + 12, subject to $12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 57$, \$2 - 10, \$1, 12 20. (c) Write the dual of this linear program max 211 + 12, subject to $12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 57$, \$2 - 10, \$1, 12 20. (c) Write the dual of this linear program max 211 + 12, subject to $12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 57$, \$2 - 10, \$1, 12 20. (c) Write the dual of this linear program max 211 + 12, subject to $12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 57$, \$2 - 10, \$1, 12 20. (c) Write the dual of this linear program max 211 + 12, subject to $12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 57$, \$2 - 10, \$1, 12 20. (c) Write the dual of this linear program max 211 + 12, subject to $12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 \times 1 + 3 \times 2 < 60$, $-3 \times 1 + 12 \times 1 + 3 \times$ Why? B. Use 4th-order Newton interpolating polynomials to determine y... For the diagram above. given that the magnitude of F": 9 k", x = 4 m and y = S m. calculate the following: 1: The A: component of the resultant force, F". Please provide the answer in kilo Newto... (20 points) The profile below shows the preferences of voters in an election with 3 candidates (A, B, and C). Number of voters Preference 10 C > B>A 8 A > B > C 7 B > C > A C > A... Go carefully through Propositional Logic 2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic 2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic 2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic 2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic 2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic 2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic 2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic 2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic 2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic 2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic 2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic 2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic 2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic 2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic 2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic 2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic 2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic 2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic 2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic 2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic 2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic
2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic 2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic 2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic 2.1-2.4. Try the exercises and examples. Fill in your Propositional Logic 2.1-2.4. Try the exercises and examples. Fill your Prop MY For each of the following story problems, identify the problem type. Also state the meaning for subtraction that is indicated in each story problem. (a) Vil... What will be the value of x in the given equations * 5 points w + x + y + z = 2 2w - x - y + 2z = 7 2w + 3x + 2y - z = -2 3w - 2x - y - 3z = -2 OB.3 OC. -2 O D.1 Solve for x using Laplace expansion method * 5 po... Maths. List Price = 0.00 b) What is the rate of the discount on the products? Note: Please make sure your final answer(s) are in percentage form and are accurate to 2 decimal places. For example 34.56... Let a1, ..., an be a set of linearly independent vector in R", and let Q be an n x n symmetric positive definite matrix. (a) Show that the vectors di, ..., dn defined below are Q-conjugate. if... (20 pts) For the nonderterministic FSA below, construct a deterministic FSA that recognizes the same language. 0, 1 START 1 So 0/1 S3 1 1 Direction: Choose the letter that corresponds to the correct answer. If answer is not found among the choices, write E. 1 It is a polynomial equation of degree two that can be written in the form ax 2... Please show all work!.. Let X be a set and S C P (X) be a subset of the power set of X. Prove that (a) X - JA = U(X - A). AES AES Solve the following.. 4. You are given a family of n pairwise intersecting circles in the plane. No three circles share a common point. Find a simple formula for the number of regions determined by th... Answer the following. 5. A cur accessory is sold for \$40.51. The store's marky based on selling price? 6.... Please explain step by step your how we solve this problem Let A = A(T, V) and G = G(T, V) and G = G p) be thermodynamic state function with total differentials dA=-SdT-pdV and dG= -SdT+Vdp where p, V, T, and S are ... Please do question number 2.. Ecologists study how populations of marine species change over time. arguments of educators who believe that mathematics should not taught in the primary grades. Then write the rebuttals of each 2.- buscar las temperaturemperatu/Observaciones de la influencing de a ra minima temperatura s... Consider the fuzzy sets A, B: R+ - [0, 1] defined as A(T) = 1+12, B(x) = Tor. Calculate ATLB, ASLB, ATGB, ASGB, where TL,G and SL.G stand for the Lukasiewicz and Goguen t-norms and t-conorms, and ... please help. QUESTION S 5.1 In the diagram below, T(x; 15) is a point in the Cartesian plane such that OT -17 units. P(-2; a) lies on OT. K is a point on the positive x-axis and TOK = 0. T(x : 15) P... Standard automobile license plates in a country display 2 numbers, followed by 3 letters, fol

X-1, THE GRAPH OF P (X) PASSES THROUGH THE POINT, (2, 40). DETERMINE THE VALUES OF a b. "Business Loans and Consumer Loans - General Mathematics" 1. A business loan worth P750,000 is to repaid in quarterly installment in 2 years. How much is the quarterly payment if money is worth 8%... refer to image for question. 5. [-/2 Points] DETAILS HARMATHAP12 5.3.025.MI. MY NOTES PRACTICE ANOTHER The sales decay for a product is given by S = 80,000e .3*, where S is the monthly sales and x is ... Which of the values in the general logarithmic function (X)-alog1 (*(x-d))+ should be multiplied by =1 in order to cause a reflection in the y-axis? A. a B. k C. C D. d Sir i am stuck for this question . (2 points) A company manufactures x units of one item and y units of another. The total cost in dollars, C, of producing these two items is approximated by the func... Q11 need accurate solution with neat and clear handwriting but on a page. 11. Prove by induction that for every n E N, there are two numbers s, t E N so that 2 $n = (s + t) \cdot (s + t + 1) + 2$. t. (Hint: ... please help me i am stuck . A system of 3 equations in 4 unknowns (I], 12, 23 and =) was expressed as an augmented matrix. QUESTION 3 a) The sets A and B are defined by A = {x(x2 + 6 = 5x or x2 + 2x = 8} B = {2,3, 4} Which of the following statements is true? (i) A + B (ii) A = B Give reasons for your answers. [2 marks] b) ... Solve the linear programming problem using graphical method. Please include the solution and graph 1. Maximize $Zj = 3x + 4y \le 24 x$. $y \ge 0$ 2. Maximize Zj = ... Question 7 (b) 2 marks A playground is being built with the dimensions of 56 metres by 24 metres. The area in the playground occupied by the skate bowl, grassy play area, climbing frame and seating ar... The movement of the progress bar may be uneven because questions can be worth more or less (including zero) depending on y Find the measure of angle ZAGE in the figure below. Enter only the number. G ... A condo on the water in Myrtle Beach can be rented for \$280 per day, with a non refundable application fee of \$50. Another one down the beach can be rented for \$2,100 per week. Which condo costs less ... Eighteen equally spaced holes are to be drilled in a metal strip 968.75 mm long, with 93.6 mm remaining on each end from the center of the first and last hole, to the edge of the metal. What is the di... Finite. x1 X3 X4 x5 x6 2 10 3 OFO 36 HOOO -2 -1 -3 0 *1 X3 X4 O X2 X5 X6 N 1 0 10 0 6 -5 -8 OP 5 -3 1 30 -1 O X1 x2 X3 X4 X5 X6 -1 -1 -1 -4 -3 1 6 18 1 1 0 1 36 O x1 x2 X3 X4 X5 X6 -1 -1 -1 -4 -3 1 6 18 1 1 0 1 36 O x1 x2 X4 X5 0 10 2 -4 - 3 -1 P 30 1 N... The supermarkets and grocery store industry give offers on merchandise they think will be bought by customers. This can be done by retrieving and analysing data on what customers have previously bough... 1 of 1 Mth 127 Date Quiz 2 1.) Use the pattern in the sequence to find the next 3 numbers. a) 2, -6, 18, -54, ... b) 6, 8, 11, 15, 20, ... 2.) Use Pascal's triangle to answer the question. Draw Pascal... mathematics of finance. 10. A city has \$2.5 million worth of school bonds that are due in 20 yr and has established a sinking fund to retire this debt. If the fund earns interest at the rate of 7%/yea... Paint my house. Proposal budget for three different colors of paint with corresponding brand name. A house sells for \$232,500 and a 5% down payment is made. A mortgage is secured at 4% for 25 years. Compute an amortization schedule for the first 3 months. Round your answers to two decimal pla... these are math word problems that are part of my Philisophy class, reasoning and comprehension that I really need help with. I need to know how to solve them and how its done. 1. A man is 20 years old... Need some help with the following math problem, thanks!. You are given the following: - x is the number of units produced and sold - C(x) = 25: + 300 is the cost function in dollars - p = 120 - x is ... There are n villages with known coordinates v 1 = (x 1, y 1), v 2 = (x 2, y 2), ..., v n = (x n, y n), where x i is the x-coordinate of the point v i and y i is the y-coordinate of the point ... Draw a graph for each function . For each graph, state the number of x-intercepts , the number of turning pool and a new swimming pool and a new hot tub. (8x - 10) ft x ft hot 2x ft patio tub x ft (6x - 14) ft pool 2x ft a. Write the polynomial in standard form that represents the area of the pati... hello i really need help on these transformations sums. 10. (a) Draw the image when triangle A is translated by the vector [2] (c... Just tell if it true or false. Time Left:1:08:17 Abdullah Al-Muhsinawi: Attempt 1 Previous Page Next Page Page 14 of 14 Question 14 (2 points) In solving x - 2 < 6 - x, if x < 2, then x - 2. <... Let $f : R2 \to R$ be a continuous function and suppose C is a smooth curve with parameterization r (t) on [a, b]. Explain why the line integral formula fds = / f(r(t)) | r'(t) | dt a requires the... Does anyone know how to draw syntax trees like this? If you know how to do it, please use this sentence to draw: For Mary to quarrel with John frightened Maggie.. DP NP the N PP prospect P DP of DP D ... 27:20 0/8 QUESTION 2 . 1 POINT Kelly got a raise in her hourly pay, from \$18.75 to \$21.50. Find the percent change. Round to the nearest tenth of a percent. Provide your answer below: % FEEDBAC Conten... Please provide Handwritten answer. Suppose that a polygonal subdivision (V, E, F) of the torus Tis constructed using hexagons in such a way that p hexagons in such a wa 5.0 Ibf/ft. Using superposition, find the deflection at A. Include the ... hi, i am not sure what to do . Select the correct loops that wrap around the edges of the table, you must select bo... The first part is shown for context in the following photo ... (b) 2,912 : 8 (Think of this as a sharing problem.) Use the sharing notion of division. The small cube is used to represent 1. Plac... MY NOTES ASK YOUR TEACHER PRACTICE AI This question, you will not receive any points for the skipped part, and... Brian and Catherine want to rent a banquet hall for their wedding. Party Hall charges \$50 per person. Super Cheap Hall charges a fixed rate of \$2000, plus \$30 per person. Graph using a table of val... For all objects j is a square then j has four sides . A. All squares B. Every squares B. Every squares C. If an object is a square then j has four sides a fixed rate of \$2000, plus \$30 per person. Graph using a table of val... For all objects j is a square then j has four sides . A. All squares B. Every squares B. Every squares C. If an object is a square then j has four sides . A. All squares B. Every squares B. E billing date, was \$452.79. For the period ending on (but not including) May 12 th, they had the following transactions: May 13 Charge: Ti... The positive angle between 0 and 2π2π in radians that is coterminal with the angle -2910π-2910π in radians is ... (You can enter ππ as 'pi' in your answer.) The negative angle between ?... what is the name of the above instrument. a) What is the name of the shove instrument? b) What is it used to miscure? cl Clearly label parts of the instrument What is the SI unit for the measurement? ... what does it mean to talk about the volume of the rectangular box Demand function for a crib is given by p= 172-0.03 \sqrt{x} where x denotes the number of cribs sold and parts of the instrument. is the price per crib in hundreds. What is the revenue function? Use ... Problem 4 Over a short period of time, a roller bearing manufacturer finds that 2% of the bearing manufacturer finds that 2% of the bearing bearing bearing manufacturer finds that 2% of the bearing with a momentum of 0.0980 kg-m/s. express this momentum in g-cm/s I need the answer. (c) Given that cosec = 72, use the trigonometric identities to find the exact values of (i) sine. (ii) sec 2 (iii) (coto seco)* -1. [8 marks]. - If foxs = leg4 x and qix) = x2 - 2, which of these expressions is equivalent to frycuss? ") log 4 + leg 14 b) 1 0 2 16 - 2 () leg 2 14 c d) keg 4 x log 14 - If foxs = and 4 = fix s gix)... Let F(V,E) be a connected graph with |V| = n. Prove that for each 1 S k S n, there is a subset A C V] with |A| = k such that the associated subgraph for A is connected. Calculate the number of bridge hands (13 cards) that are made of from 6 of one kind of suit and 7 of a different suit. The answer is 2944656. I cannot get this answer and need a full step explanation.... Please explain solution. . Let X and Y be two random variables with joint normally distributed with mean value /x = 0 and variance of = 1 and Y is normally distributed with mean value /x = 0 and variance of = 1 and Y is normally distributed with mean value /x = 0 and variance of = 1 and Y is normally distributed with mean value /x = 0 and variance of = 1 and Y is normally distributed with mean value /x = 0 and variance of = 1 and Y is normally distributed with mean value /x = 0 and variance of = 1 and Y is normally distributed with mean value /x = 0 and variance of = 1 and Y is normally distributed with mean value /x = 0 and variance of = 1 and Y is normally distributed with mean value /x = 0 and variance of = 1 and Y is normally distributed with mean value /x = 0 and variance of = 1 and Y is normally distributed with mean value /x = 0 and variance of = 1 and Y is normally distributed with mean value /x = 0 and variance of = 1 and Y is normally distributed with mean value /x = 0 and variance of = 1 and Y is normally distributed with mean value /x = 0 and variance of = 1 and Y is normally distributed with mean value /x = 0 and variance of = 1 and Y is normally distributed with mean value /x = 0 and variance of = 1 and Y is normally distributed with mean value /x = 0 and variance of = 1 and Y is normally distributed with mean value /x = 0 and variance of = 1 and Y is normally distributed with mean value /x = 0 and variance of = 1 and Y is normally distributed with mean
value /x = 0 and variance of = 1 and Y is normally distributed with mean value /x = 0 and variance of = 1 and Y is normally distributed with mean value /x = 0 and variance of = 1 and Y is normally distributed with mean value /x = 0 and variance of = 1 and Y is normally distributed with mean value /x = 0 and valu students Anne, Lucy and John. Anne gets 5 times as many pencils as Lucy, and Lucy gets 2 pencils less than John. Suppose John g... The P-value for a significance test for a population mean is 0.022. The hypotheses are: HOM = 1 Hau# 1 A. Will a 90% confidence interval for / include the value 1? [Select] B. Will a 95% confidence ... Write a negation for the statement, "If I fall in love, it will be forever." . ASSIGNMENT DESCRIPTION In this assignment students will explore the relationship between fractals and numeric sequences. On each task you will get some information about a fractal and how to bu... Let a > 0 be a constant. Using separation of variables, solve the PDE uxx+uyy+2uy=0, $0 \le x, y \le a$ with boundary conditions u(0, y) = u(x, 0) = 0, u(x, a) = g(x). Express the solut... Find the degree and leading coefficient: Number please give me answer. B. AnEn+1 2. Which of the following is not an infinite sequence? A. 1, 2, 3 = 0, x = 10 Determine the average rate of change between the given values of x is sin x > (x - 2)? + 2 a. x < 1.1 b. x > 2.7 c. x < 1.1 and x > 2.7 d. 1.1 < x < 2.7 1)Solve the system by substitution. {4x-3y=-19 {y=-7x-2} c. x < 1.1 and x > 2.7 c. x < 1.1 and x > 2.7 d. 1.1 < x < 2.7 d. 1.1 2)Solve by Substitution $\{-2x+6y=0 \ \{-3x+6y=-4 \ \{-3x+6y=-4 \ \{-3x+2y=-4 \ \{-3x+2$ 400 50... A sequence bo, b1, b2, ... is defined by setting bo = 0 and b1 = 1, and on = 5bn-1 - 6bn-2 for all integers n 2 2. Prove that for all non-negative integers n, bn = 3" - 2". COST Evaluate (a2 + a 2) 2 dx, where a > 0, using the residue theorem. ~ 1 hour QUESTION 22 . 1 POINT A third grade classroom has 13 girls and 18 boys for 31 total students. a. Calculate the ratio of girls to boys. Round your answer to two decimal places. b. Is this part... an Andean Andrew is about 4 ft tall. a raven is about 2 ft tall what is the combined height of the two birds inches A bone fragment is found to contain only 10% of its original carbon - 14. To the nearest year, how old is the bone? Solución y desarrollo por pasos. Un pendulo simple se monta en un elevador. & Que le sucede al periodo del pendulo (aumenta, disminuye o no cambia), cuando el elevador a) acelera hacia arriba a 5... Application of quadratic equations. A ball is thrown upward and outward from a height of 8 feet. The height of the ball, f(x), in feet, can be modeled by 1 (x) = - $0.2 \times 2 + 2.1x + 8$ where x is the ball... Consider the problem of classifying D dimensional inputs x \in RD. Suppose we have 2 classes and the output is denoted y \in { 0, 1 }. If we use a binary logistic regression classifier then the ... Find the critical answer in this... \$ FIRST BANK OF WIKI 1425 JAMES ST. PO BOX 4000 CHEQUING ACCOUNT STATEMENT VICTORIA BC V8X 3X4 1-800-555-5555 Page : 1 of 1 JOHN JONES Statement period Account No. 1... A car travels on a straight, level road. (a) Starting from rest, the car's average acceleration in ft/s 2 ?magnitude ft... ** This Lemma can be used without proof:. Let A, B E R are bounded 05 sets. Prove that A x B is also a. G5 set and |Ax B| = |A| |B|, where "1. |" is the Lebesgue measure.. Let E be a subset of R.... PROBLEM No: 3 If one serving of juice? Show your work and explain yo... I need the solution using Pontryagin and Mangasarian. 20. Una economia se enfrenta al problema de decidir sobre la utilizacion de un combustible escaso. Denotamos por S(t) al stock de combustible escaso. Denotamos por S(t) al stock de combustible escaso. answer. EX. By laplace method, solve (a) I (,) = at e. ex - sint e. If anlysis. 2. If A and B are any sets of real numbers, define A. B := {ab | a E A, b E B} CR. Suppose that A and B are subsets of Ryo, nonempty, and bounded above. Show that A. B is also nonempty and ... Please provide Handwritten answer. Exercise 2.4.5. Let A = {(-oo, x]; x ER) Prove that o(A) = B, i.e. that the smallest o-algebra of subsets of R which contains A is equal to the Borel o-algebra of ... Name one benefit of OMP over IHT. assist in solve plz... x sin3(x2) cos(x2) Estimate the integral of the given function, , from a = 0 to b = J? using trapezoidal rule. (use n = 8). Let 3% be the outer unit normal of the elliptical shell 5': $422+9y^2+3622 = 36$, z 20: and let H H n F: = yi +.r j + $\{1:2 + 35)''^2 \sin[e'''^5'']$ k. fL(¢xfi')-fidm Find the value of - 1 hour 0/1 QUESTION 8. 1 POINT Your company has a 25% match when you invest money in your 401k. If you invest \$200 a month into your 401k, how much will your company invest? Provide a proof if your answer is a YES or a counter-example if you where 0 S 0 S 2n b. 4sin20 - sino - 3 = 0 where 0 5 0 s 2n [5 K, T, C] [6 K, T, C] Sir, i am stuck on this question . 3. [-/3 Points] DETAILS [MODD8 1.5.010. Select Us ymbols. Godzi]... What type of graph can be used to demonstrate the results of a t test or z test? convex. Argue that a point :1: E C is extreme if and only if the set C \ {3:} denotes the set C \ {3:} denotes the set C after removing the point 1:. Hello Teacher, can you please kindly tell me if I have done question 11 correctly. and also I need help and explanation on questions 12a and b. thank you and God bless you.. Chapter 6 Assignment Unit ... Use the Punitiveness.xIs data, correlate collective efficacy (respondents' perceived collective efficacy in their neighborhood) and punitiveness.xIs data, correlate collective efficacy in their neighborhood) and punitiveness.xIs data, correlate collective efficacy in their neighborhood) and punitiveness.xIs data, correlate collective efficacy in their neighborhood) and punitiveness.xIs data, correlate collective efficacy in their neighborhood) and punitiveness.xIs data, correlate collective efficacy in their neighborhood) and punitiveness.xIs data, correlate collective efficacy in their neighborhood) and punitiveness.xIs data, correlate collective efficacy in their neighborhood) and punitiveness.xIs data, correlate collective efficacy in their neighborhood) and punitiveness.xIs data, correlate collective efficacy in their neighborhood) and punitiveness.xIs data, correlate collective efficacy in their neighborhood) and punitiveness.xIs data, correlate collective efficacy in their neighborhood) and punitiveness.xIs data, correlate collective efficacy in their neighborhood) and punitiveness.xIs data, correlate collective efficacy in their neighborhood) and punitiveness.xIs data, correlate collective efficacy in their neighborhood) and punitiveness.xIs data, correlate collective efficacy in their neighborhood) and punitiveness.xIs data, correlate collective efficacy in their neighborhood. the following 8 bit representations Unsigned Binary Number Two's Complement Number Excess 1... An item has a menu price of \$47.50 and a markup % of 67%. Calculate food Cost \$. G (In this problem, assume that the distribution of differences is approximately normal. Note: For degrees of freedom d.f. ... A Php 20,000 bond is sold now for 18,500. Determine the redemption price at the end of seven years, if the yield is 12% semi-annually and the rate is 10% payable every six months. Please help answer the following questions. In order to estimate the number of sandwiches they might sell in one day, they conducted a survey at the entrance to one of the office buildings and in the ... /2 Points] DETAILS Consider a binomial experiment with n = 4 trials where the probability of success on a single trial is p = 0.25. (Round your answers to three decimal places.) LO USE SALT (a) Find P.... Prove the following statement by contradiction. There exist no integers a and b for which 21a + 30b = 1. What would be assumed to be true? Oa and b are integers O there exist no integers a and b f... Solve problem 12... what is the error
pattern and create a mini-lesson to correct the faulty thinking. from the complex analysis please solve this problem asap thank you. 1 . Find all soulation of 25 Geometry of linear programs Which of the following statement is true, which is false? Briefly motivate your answers. (i) There exists an LP with exactly two optimal solutions. (ii) There exists an LP ... lest: lestiff. .. Question This questionships in the floor plan. Use Choose the correct answer below. vertices to represent the ro... solve this for me!!. Q8) The Great Outdoors Tent can be purchased from a wholesaler for \$58 less discounts of 30% and 7%. The selling price will be the MSRP of \$58. If overhead expenses are 25% of the... The length of a rectangular vegetable garden is 5 feet less than twice the width. the perimeter of the vegetable garden is 5 feet less than twice the width. suppose you have a 20 year mortgage with monthly payments of \$1119. what is the total amount of money you will pay towards your mortgage? The amount of stores is shown. 600 540 480 420 - 360 - 300 340 180 120 4 Explain why the domain and range have a lower limit. Is the ... Find the 3rd root of the given equation * 2 points x* - 8=0 4 8 4 8i Option 1 O Option 2 8i V8 Option 3 Option 4 The cos t function of a firm is C = 300 x - 10 x 2 + 3 x 3 where C indicates cos t and x indicates output How many units are to be produced to minimize marginal ... What is the 33rd term of the sequence using the rule of fibonacci sequence how do i solve this. B and C are sets of real numbers defined as follows. B = (x x s 1) C = (x x s 2) Write B U C and B n C using Interval notation. If the set is empty, write $(\{3\})$ help me answer this, please use the long method as much as possible. a. Solve the following equations by separation of variables: (15 pts each) du a. = -4ut when t = sin 90, u = tan 45 dt b. x cos 2yd... Can someone explain these in depth? Old homework assignment that I don't really understand solutions to. . (a) Prove the following proposition: Proposition: Proposition: Proposition: Proposition: Proposition: Proposition: Proposition: 1. The system An: = b has a finite number ... 1. Find the limits(7%+7%+9%) Vx- +8 - 3 lim (a *- - 1) lim (a x+1 lim x - 3x + 2 (b) x - -2 x' - 4x lim sin x - cos x x - 1 / 4 2. For what value of a is f(x) continuous at every x? (8%) (x2 - 1, x < 3 ... How much larger will the value of a retirement fund be at the end of twenty-five years if the fund earns 5.4% compounded quarterly instead of 5.4% compounded monthly? In both cases a contribution of \$... Part Description Calculate the magnitude of each of B. the forces applied to the nails if they are located at A and B. (include units with answer) Calculate the magnitude of each of B. the forces applied to the system of DEs. y' (t) = -3 yte 3t 1 -3 solve all one of these packets arrives to a packet switch, what information in the packet does the switch use to determine the link onto which the packet is forwarded? Why is packet switching in the I... Word Problem Question 1: (You have to submit an image of your FULL solution to the question in eConestoga -> Course Tools -> Assignments [Final Exam Submission]) Margaret has \$770,000 in her RRS... no dun have requirementsss. Raju is 6 kg lighter than Ahmad. Darius is 9 kg heavier than Ahmad. The total mass of the 3 boys is 162 kg. Find Raju's mass, Determine all angles of the following triangle. [4 marks] 9.1 cm 6.8 cm B C 5 cm Show that if H all is the space of all functions mapping U to {1,...,M}, then H is universal. What goes wrong with using a random function from H all to define a dictionary? This question is complet... A baseball outfielder throws a baseball of mass 0.15 kg at a speed of 40 m/s and initial angle of 30. What is the kinetic energy of the baseball ot the highest point of the trajectory? Ignore air ... Please answer this question.. Explain why K, is an important random variable in actuarial science. Why might someone use K versus TY in premium calculations? Type your answer in the box below. When ty... math subject pre calculus. What I Know the letter of the best answer, Write the chosen letter on a sep win slice through cone parallel to an edge of the cone is A circle b. An ellipse A hyperbola d. A... permintaan. No Date CRS : - 6 + 2 0 a . Thepada Producer, pemerintah merge nahan pajake sebecar tax = Rp 1/one barang Canlon total payjake young di tanggung komFuron b. kepada producer, Pemerintah merge nahan pajake sebecar tax = Rp 1/one barang Canlon total payjake young di tanggung komFuron b. kepada producer, Pemerintah merge nahan pajake sebecar tax = Rp 1/one barang Canlon total payjake young di tanggung komFuron b. kepada producer, Pemerintah merge nahan pajake sebecar tax = Rp 1/one barang Canlon total payjake young di tanggung komFuron b. kepada producer, Pemerintah merge nahan pajake sebecar tax = Rp 1/one barang Canlon total payjake young di tanggung komFuron b. kepada producer, Pemerintah merge nahan pajake sebecar tax = Rp 1/one barang Canlon total payjake young di tanggung komFuron b. kepada producer, Pemerintah merge nahan pajake sebecar tax = Rp 1/one barang Canlon total payjake young di tanggung komFuron b. kepada producer, Pemerintah merge nahan pajake sebecar tax = Rp 1/one barang Canlon total payjake young di tanggung komFuron b. kepada producer, Pemerintah merge nahan pajake sebecar tax = Rp 1/one barang Canlon total payjake young di tanggung komFuron b. kepada producer, Pemerintah merge nahan pajake sebecar tax = Rp 1/one barang Canlon total payjake young di tanggung komFuron b. kepada producer, Pemerintah merge nahan pajake sebecar tax = Rp 1/one barang Canlon total payjake young di tanggung komFuron b. kepada producer, Pemerintah merge nahan pajake sebecar tax = Rp 1/one barang Canlon total payjake young di tanggung komFuron b. kepada producer, Pemerintah merge nahan pajake sebecar tax = Rp 1/one barang Canlon total payjake young di tanggung komFuron b. kepada producer, Pemerintah merge nahan pajake young di tanggung komFuron b. kepada producer, Pemerintah merge nahan young di tanggung komFuron b. kepada producer, Pemerintah merge nahan young di tanggung komFuron b. kepada producer, Pemerintah merge nahan young di tanggung komFuron b. kepada producer, Pemerintah merge na boxes. as cajas hay en la figura 1?= cajas. Cuantas cajas hay en la figura 2? 7/cajas PLEAS... For the following function, answer the questions. 6. f (x) = 2x-x+5 (a) f (a) = (C) f (b) f (a) = (C) f (b) f (b) f (b) f (c) = (C) f (b) f (c) = (C) f (b) f (c) = (C) f (c) (C) f (c not sold that day are sold to her cousin, who has a nearby grocery store, fo... < 4 8 10 11 12 13 14 15 16 > A spinner is divided Into eight equal sections. Each at a diff... PLEASE PLOT IN EXCEL 11) Filled rectangles Steps a) Using 100 points, generate a filled rectangular based on the description in the notes (#8, page 15) b) Plot the filled rectan... It is estimated that over half a trillion plastic bottles are discarded. How many plastic bottles i... Question Jill lived and worked in North Carolina for the entire 2013 tax year. Her adjusted gross income was \$71,000 and she qualifies for the standard deduction of \$3000 and exemption of \$2000. Use t... Sheet metal worker measures it at five different locations. Her measure- ments are 0.0401, 0.0417, 0.0462, 0.0407, and 0.0428 ... The flight path of a firework is modelled by the relation h = $-5\{t - 5]2 + 12$?. where h is the height. in metres. of the firework above the ground and t is the time. in seconds. since the ?... Need help with the step by step solution... 1. (15 pts) Use a truth table to determine whether or not the given symbolic syllogism form is valid. p-~ q pv q ...q- P business mathematics. Question 51 (1 point) Material cost of a web camera is five-eighths of total cost, and labour cost is \$15, what is the total cost of.... Find the lowest common multiple for each set of numbers. 1) 15 and 35 2) 7 and 5 3) 24 and 48 4) 15 and 6 Get an insurance quote by phoning or going to see a broker. You could also go to an internet website that gives quotes online. Try some sites or brokers to get an insurance quote for a new Ford Es... At the nursery where you are a Manager five out of every hundred trees you stock die before they can be sold at that rate how many trees can you expect to die if you stock 1500 trees Objective: The student will be able to with a mean of 72 and a standard deviation of 6. Suppose, 5400 students undertake the u... plz solve these problems. Problem 1. Prove that every absolute pseudo-prime is square-free. Problem 2. Prove that if f and g are multiplicative number theoretic functions, then the product fg is also ... I need to solve this in 1 hour, hope I can get help thanks!! Question 30 How many milliliters of a 50% dextrose solution? A) 1 B) 10 C) 50 D) 100 Q... Please provide Handwritten answer. Qno. 50) Prove that if f is integrable on [0, 1], Hen anfoodx = 0 1300 0 Let I = [0, 1] C R. Every Cauchy sequence (In) in I converges to a point x E I. Prove or disprove. [3] Find the equation for the circle with a diameter whose endpoints are (-3, -2) and (-4,4). Write the standard equation for the circle. Let f(x) = x3 - 12×2 + 26x + 4 and let L be the tangent line to the graph of f(x) at x = 1. Which of the following gives the equation of another straight line L' that is parallel to L and is tangent t... PROBLEMS FOR SECTION 4.1 1. Use this section's definition of multiplication to explain why each of the following problems can be solved by multiplying: a. There are 3 feet in a yard. If a rug is 5 yar... please help with the following. Question 9 4 pts [Prove that n2 > 2n + 3 for n a 3] 1. Inductive Step: State the inducti... A circle is defined by the equation x 2 + y 2 = 81. State the coordinates of the centre. (1 mark) State the radius. (1 mark) 2. The line segment AB has endpoints of A(5,3) and B(-2,7... n ciudadano compro un apartamento por \$10.000.000. y los
gasto de escritura y la comisión fueron de \$200.000. y espera venderlo dentro de 6 meses por \$13.000.000. Los gastos y rentas durante ese tiem... Question 35 2.86 pts Gold miners in Alaska have found, on average, 12 ounces of gold per 1000 tons of dirt excavated with a standard deviation of 3 ounces. Assume the amount of gold found per 1,000 to... every week sixty dancers in a large troupe are divided into groups and each group is assigned to create a dance in one of the styles: jazz, hip hop, traditional and swing. In how many ways can the dan... Help needed to understand Tickets for a raffle cost \$\$12. There were 850 tickets sold. One ticket will be randomly selected as the winner, and that person wins \$\$1800 and also the person is given b... In a survey of 250 members indicated that they plan to attend the next Winter Olympic Gam... Linear Programming: A Geometric Approach (please dont use excel for explonation). Deluxe River Cruises operates a fleet of river vessels. The fleet has two types of vessels: a type-A vessel has 60... (2.2-5bd) The following methods are proposed to compute 211/3. Rank them in order, based on their apparent speed of convergence, assuming p0 = 1.3 _ pn_1721 '3' p11. — pn_1 3Pi_1 / 2 d' p... Situation: A small company in Bayamón manufactures small solar power fans a day. The probability of selling more than four fans a day. The probability of selling more than four fans a day. The probability of selling more than four fans a day. k # l, then UA; = ElAil. i=1 i= If both 7 and 13 are factors of 1001. How can i use this information to get two other factors? 0/ 10 pts Use synthetic division to divide a + 5×2 - 2x + 2 by x - 1 - 2 2 The quotient is: The remainder is: Question Help: Video Message instructor II. True of False 7/9=777/999 () 50/30 = 80/60 () 5/2 =following activity: Luigi has a revolving credit account at an annual percentage rate of 15%. Use the average da... Question 3: Consider the following problem min f(x) subject to $x \ge 0$, (1) where $f: R3 \rightarrow R$ is defined as follows: f(x) = max ((x1)2 + (x2 - x1)2 + (x3)2, (x1 - 1)2 + (x2 - x1)2 + (x3)2, (x1 - 1)2 + (x2 - x1)2 + (x3)2, (x1 - 1)2 + (xBike to Bay. During the first week of training, she cycled 84 miles the second week and 89 miles the third week. She cycled 98 miles the four... here's my question. (1) Consider f: R - R given by "93) = sin(1/ex). Prove that f is uniformly continuous on [0,00). You may freer use the facts $d(e^{\circ})$ file: = em and that Mm) = e'' is a. Question 5 Let h denote some branch of the log function. Assume that h(20) = 1 + gi for some zo $E C \setminus \{0\}$. Let w $EC \setminus \{0\}$. Let w $EC \setminus \{0\}$. Let w $EC \setminus \{0\}$. Then h(w) cannot be equal to which of the following? (a) 1 + ri (b) 3 (c) 2021... Dados los conjuntos U, A, B, C, determina el conjunto indicado en cada caso. U = $\{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\}$ A = $\{2, 4, 6, 8, 10\}$ B = $\{1, 2, 3, 4, 5\}$ C = {1, 3, 5, 7, 9} please do it right . Add the given mini-IEEE floating point numbers and represent the result in mini-IEEE format (renormalize if necessary) 0 1100 11101 1 1001 01001 Result: Sign Exponent Mantissa 0 ... could you help me to find 3 lesson and 3 activities that suitable for year 5 and year 6 (combine or connected curricula) in the Round to the nearest tenth if necessary. please help. F Learning Task 2: A. Evaluate the algebraic expressions Let a = 4, b = -5, c = 0.6, x = -3, y = 0.4; z = > Algebraic Expression Value 1. 3abc + bc - a 6. $3 \times 2...$ Leah is working on the multiplication problem 2.43 X 0.148. Ignoring the decimal points, Leah multiplies 243 X 148 and gets the answer 35964. But Leah can't remember the rule about where to put the... Quick help!!. Match each equation on the left to the mathematical property of addition 3(3x + 2) = 9x + 6 commutative property of mu... Next question You can retry this question below Identify the degree, leading term, and leading coefficient of the following polynomial function leading degree term coefficient f(x) = -7x + 2 ... NJOONzkw/a/NDIxMzg1MDIwMjk1/details Fall 2021.pdf Open with Google Docs 5. (22 points) Consider the graph shown below. Use the Sorted-Edges Algorithm to find the "lowest cost" Hamiltonian ci... In general, SHbW ALL WORK. You must use the material from the class slides only to do these problems. For example, the SONC mentioned in Problem 3 below is the one from the class slides and you must n... A gardener plants flowers in a 50ft × 50ft field by throwing a bag of flower seeds randomly over the field, hoping to attract bees. A bee is attracted to flowers if there are at least 3 that are wi... answer all subquestions. The objective of this problem is to explore polynomial splines through a combination of explicit calculations and some light programming. We didn't get to cover this in class ... A child pulls a string attached to a toy of mass 0.4 kg on a low horizontal table. The toy moves in a straight line towards the table edge with a constant acceleration of magnitude 1.5 m s-2. The s... 27:50 0/5 QUESTION 4.1 POINT Tom is saving for retirement. He deposits \$225 each month at 3.8% annual interest for 40 years. According to his calculations, at the end of 40 years he should have \$253... nuh knw help pls???. An American tourist changed US \$700 into Trinidad and Tobago dollars at a rate of US \$1.00 = TT \$6.30 She spent, in Trinidad, TT \$1 858. She then travelled to Barbados wh... Among the 2 598 960 possible 5-card poker hands from a standard deck, how many contain at least one diamond Let A, B, and C be sets in a universal set U. We are given n (U) = 77, n (A) = 37, n (B) = 37, n (C) = 36, n (A \cap B) = 20, n (A \cap C) = 17, n (... Let X, Y, Z be sets, f: X - Y be a function, and g: Y - Z be a function. Prove or disprove the following: (a) If go f is surjective, then g is surjective... wer saved Points out of 5.00 Flag question All of the following are true of the normal distribution EXCEPT? O a. It always has a mean of o. b. A total of (approximately) 68% of the distribution lies w... Let S be a nonempty set. Let \sim be a relation on $\wp(S)$ defined by: Letting T and V be arbitrary subsets of S, T $\sim V$ iff T $\subseteq V$. Construct counterexamples for symmetry and irreflexive and conn... this question. Question 16 (1 point)) Listen a vertice of S, T $\sim V$ iff T $\subseteq V$. Match the following household measurements to metric measurements. 960 mL > 1. 32 OZ > 6.8 kg 2. 8 tbsp.(tablespoon) 2.5 mL 3. 2.2 lb (pounds) > ... Solve the following problem.. 9. Find the number of distributions of 12 blue, 13 white, and 14 red balls into 4 different boxes, where each box is supposed to get at least two balls of each color. (No. Communication 4. If the axis of symmetry in a parabola is x = -5 and one of the zeroes is (-8, 0), find the coordinates of the other zero? [1 mark] 5. How can you determine the direction of opening ... Cox Electric makes electronic components and has estimated the following for a new design of one of its products: Fixed cost = 10,000 dollars Material cost per unit = 0.15 dollars Labor cost per unit ... 8) (4 points) Shade in the Venn Diagram representation for A'nB'. Be sure to mark which one is the final answer: B A B B help me please. The dilation centered at S with scale factor N/ - P Q R O prove using law of set theory. A'nB')U(AnB \ A = A' Why should you calculate the mean and standard deviation for sample data What are the application and appriciation for mathematics in bus Kaitlin is on a game show. She will choose a box to see if she wins a prize are 4/3. Find the probability of Kaitlin winning a prize. The manager of an... Given the following function, (a) find the vertex; (b) determine whether there is a maximum or a minimum value, and find the value; (c) find the intervals on which the function... Need help with step by step solution. 2. (15 pts) Determine the given syllogism is valid or not. lel at Nov 29, 2021 8:30:55 AM (fc38d42699a8d30@641fbc53d6515144) If Jack has a test tomorrow, then he ... Nuptial inc paid the rent for the next six months which of the following accounts titles will be debited? (5 pts) Find the maximum value of the function f(x, y, z) = 3x + y + 4z on the ellipsoid 36. Explain briefly how you know that the value you found is the maximum value of the function f(x, y, z) = 3x + y + 4z on the ellipsoid 36. Explain briefly how you know that the value you found is the maximum value of the function f(x, y, z) = 3x + y + 4z on the ellipsoid 36. Explain briefly how you know that the value you found is the maximum value of the function f(x, y, z) = 3x + y + 4z on the ellipsoid 36. Explain briefly how you know that the value you found is the maximum value of the function f(x, y, z) = 3x + y + 4z on the ellipsoid 36. Explain briefly how you know that the value you found is the maximum value of the function f(x, y, z) = 3x + y + 4z on the ellipsoid 36. Explain briefly how you know that the value you found is the maximum value of the function f(x, y, z) = 3x + y + 4z on the ellipsoid 36. Explain briefly how you know that the value you found is the maximum value of the function f(x, y, z) = 3x + y + 4z on the ellipsoid 36. Explain briefly how you know that the value you found is the maximum value of the function f(x, y, z) = 3x + y + 4z on the ellipsoid 36. Explain briefly how you know that the value you found is the maximum value of the function f(x, y, z) = 3x + y + 4z on the ellipsoid 36. Explain briefly how you know that the value you found is the maximum value of the function f(x, y, z) = 3x + y + 4z on the ellipsoid 36. Explain briefly how you know that the value you found is the maximum value of the function f(x, y, z) = 3x + y + 4z on the ellipsoid f(x, y) = 3x + y + 4z on the ellipsoid f(x, y) = 3x + y + 4z on the ellipsoid f(x, y) = 3x + y + 4z on the ellipsoid f(x, y) = 3x + y + 4z on the
ellipsoid f(x, y) = 3x + y + 4z on the ellipsoid f(x, y) = 3x + y + 4z on the ellipsoid f(x, y) = 3x + y + 4z on the ellipsoid f(x, y) = 3x + y + 4z on the ellipsoid you would use a personal interview, observation, mailed questionnaire or telephone interview. Substantiate your answers. a) A poll of students ... Provide a function which is Lebesgue-integrable but not Riemann-integrable. Show that the function is Lebesgue-integrable and calculate its Lebesgue integral and argue why the function is not Riemann-... 18 19 b varies inversely as c. If b = 4 when c = 3, find b when c is 5. b = X Write a word problem for N . 5 = ? 3 Use the definition of multiplication and math drawings to determine the answer to the multiplication and multiplication an entrenador integrar un equipo de once jugadores? 3.- En un ejército hay 200200 soldados... 1. Ethical treatment of employees to bring iasues forward. 3) Providing fa... Question: f 9 C= c) A line is given by the equation r(t) = (1+2t, 2+Dt, 4+Et) and a plane is given by the equation x + 2y + 3z = 4. If the line is perpendicular to the plane, what are D and E? Answer... Help. SchoolCity < STUDE_C Paradise Valley, AZ._|Inbox - gtafollacam. Authentication Port. Th Formula Mathematics 4. Lori and Mike Boyd have a combined Electricity \$ 2,960.00 monthly gross income ... Let Xn, In and Ink be as in the previous problem. Define $Y = \{0, 1\}$ and Zn = Fun(Xn, Y). For each A C Xn, define XA E Zn by XA (X) = X EA, 0, xEA. Define D: Pn > Zn by D(A) - XA. (a) Prove that &... Inclusion Exclusion: Problem 5 (1 point) How many elements are in the union of four sets if each of the sets has 98 elements, each pair of sets share 55 elements, each triple of sets shares 21 element... Question #1. What principal amount will accumulate to \$9,392 in 5 years if the interest rate is 5.49% compounded semi-annually? If you are using the worksheet on the calculator, write down what num... what are the answers?. CHEM 101 Internet/Hybrid Lab Report – Data Tables DATA TABLES - Submit with the Lab Report Sheet I. Area of Rectangle (A=LW) Answers Units (1) Length of rectangle (AB) cm (2) Wi... MATH 1053 - Quantitative Methods for Business Appendx 4 Q Events is growing in popularity and Wilson has noticed your talent in the business Appendx 4 D Events is growing in popularity and Wilson has noticed your talent in the business when dealing with numbers and providing insights. He is sti... Please provide Handwritten answer. Let F be the set of all weight 0 weakly modular functions. Show that F = C(j) and that j is trascendent over C. Hint: First suppose that f is... A matrix A has the following LU factorization 0 07 -3 2 A b 22 3 0 0 58 To find the solution to Ax = b using the LU factorization, we would first solve the system Ly = and then solve the system Ux = th... WEEK 2. DAY 1 Per Pucci Chloe has three dogs. Corky weighs twice as much as Corky. The total weight of the dogs is 77 pounds. How much does each dog weigh? Find the orthogonal trajectories of the family of parabola described by the equation (y -) = cx 2 3. Determine also the type of family of curves is orthogonal to the given curve, i.e. Family of Li... 1) Multiply the following: (4 marks) a) (3y-1)(-3x-7) C) 2(m+3)(-3x-7) C) 2(m+3)(-3x-7)(-3x-7) C) 2(m+3)(-3x-7)(-32: DRAWING FUNCTIONS Draw a sketch of any function that meets the following characteristics: Domain: (-4, 09) Range: (-co, 5) End Behaviour: X-4 f... business mathematics. A sales representative selling auto parts receives a commission of 4.5% on net sales up to \$10 000, 6% on the next \$5000, and 8% on any further sales. If his gross sales for a mo... PLEASE ALL WORKING OU!!!. Section 1 Part A The following equation is used to calculate the energy loss in a fluid flow due to a sudden expansion of pipe size: E=fl.5 *e'p'fU-VF Where the quanti... Evaluate: S yx2dx + xzydy + xz dz, where C:x = sint, y = cost, z = t2, (0 S ts 1). Please fully answer the question to the best of your ability! I will make sure to upvote!. 1. Recall Euler's formula e" = coso + isin 0 and the multiplication formula elliet'i = (0+0)i. Consider ... please help me solve this. Find the Differential Equation of the given family of curves described: 1. Straight lines through fixed point (h,k); h and k not to be eliminated 2. Straight lines with slop... Help needed understanding these problem sets. A sample of size n = 10 is drawn from a population. The data is shown below. 61.6 44.6 65.2 58.3 54 68.6 88.9 88.9 73.7 88.9 What is the range of this dat... /2 Points] DETAILS BBUNDERSTAT10 3.2.012. One indicator of an outlier is that an observation is more than 2.5 standard deviations from the mean. Consider the data value 80. (a) If a data set has mean ... could you please help me with this question? and explain it. 4. Consider the following function: f : Z>1 -+ Zz1 n - 1 if n is odd. (a Show that f of = 1zz1. (b) Deduce that f ... Null hypothesis is the statement of what is being investigated is it true or false? Consider sets A and B. If A has 10 elements and A C B a) Is it possible that AnB and AUB have the same number of elements? (Justify briefly) (2 pts) b) How many subsets must B have at minimum? (Jus... Please provide Handwritten answer. [Q5.1] Show by induction the recursive derivative formula 1 if Xi < x < xi + 1 B; 1 (x) = -1 if Xi + 1 < x < xi + 2 [T - wz + y : =!A 0 else e Bie-1(x) - Bit1,... Let Z denote the integers and let m be a fixed positive integer. Define the binary relation ~ on Z via x ~y if and only if m divides x - y. (a) Prove that ... A sales region is divided into five territories, each of which is believed to have equal Sales Volume. The actual Sales Volume for several sampled days is logged in DATA. At α=0.05 do the territories... Sir i am stuck for this question . Part 1. (Up to 4 points) Write an essay of at least 300 wort . in length covering sinu- soidal curve fitting. This essay must cover the following: - You must explai... choose the correct written expression for 34 - (9 ÷ 3). Choose the correct written expression for 34 - (9 : 3). 9 minus 32 divided by 3. The quotient of 34 minus 9 and 3. 34 minus 9 divided by 3. 34... A wholesaler listed a food additive for \$16.00 per kg. To attract a new buyer the product was offered with the following discounts; 16%, 12% and 3%. Respond to the following discounts; 16%, 12% and 3%. Respond to the following discounts; 16%, 12% and 3%. Respond to the following discounts; 16%, 12% and 3%. Respond to the following discounts; 16%, 12% and 3%. mistake and write the correct proof. (The mistake was finding the prime factors and writing the proof but im stuck so I... When Nestor filled his federal income taxes, he was happy to learn that it would take 41 days for his refund check to arrive. His tax prepa... Sir i am stuck for this question a,b,c i mean first 3. Show that these series are convergent and calculate their sum. 00 EM 1 (X) Z 211 + 1 n2(n+1)2 1 2 211 + 3 1101; + 1)('n. + 2) 1 All QUESTION 1 . 1 POINT The deer population in a rural county is increasing by 18% each year. Suppose 300 are currently in that county. Create a model to represent this population. Provide your answe... Let a n =3n-2 so that a 1 =1, a 2 =4, a 3 =7,..., and that A n =a 1 +a 2 +...+a n =1+4+7+.....+(3n-2). Show that: A n = n(3n-1) /2. for all n E N. Use induction Jesse took out a \$14,000 car loan for 5 years at a 7.2% interest rate. Find Jesse's total payment amount for this loan. Kepuasan konsumen dalam mengkonsumsi produkation Jesse took out a \$14,000 car loan for 5 years at a 7.2% interest rate. x dan y yang ditunjukkan oleh fungsi utilitas total sebagai berikut: TU = 2X 2 Y Jumlah pendapatan/anggaran konsumen adalah \$1000, sedangkan harga x dan y p... Travelocity would like to test if the average roundtrip airfare between New York and London was selected and the airfare ... Please provide Handwritten answer. Two vectors A and B are given as: A = = cos pa, +e sing a and B = r cosda + Inza, (i) Find V (A.B) Let P(x) : Student x attends at least 80% of the lectures. Q(x) : Student x finishes at least 60% of the questions in the final exam correctly. R(x): Student x gets at most a C+. be three open sta... Could you please assist me with my
transition diagram? I've attached a screenshot of what I created in response to the assignment instructions.. Assignment of 5 x 104N/m2 and its volume goes from 4 cm3 to 3.9 cm3, in N/m2? (Do not express your answer in scientific notation, 0 d.p... Sir i am stuck for this question 7. Determine all the equilibrium solutions of the autonomous differential equation ? = ?^2 - 2? + 1. Classify these solutions as stable, unstable or nei... TIME SERIES STATISTICS I NEED HELP -- I HAVE MANAGED TO SOLVE THE FIRST QUESTION TO... Consider a participant that is asked the question have you ever committed crime X? This question admits a yes or no answer. Before answering the participant is instructed to use the following algorith... Prove that if the sequence (In) is not bounded, then it is not convergent (do not use example) contrapositive : If the sequence is convergent if HEDO a NEIN s. L. nEN... DQ1 (10 points): Solve 64* = 16* sin (x+#) for X, given x E [0, 2x]. Show all steps. Insufficient justification, illegible, or unclear work will result in a loss of marks. Type OK below. Francisco y Eduardo son dos jóvenes estudiantes de la carrera de Gestión Comercial en ISIL. Dichos alumnos han faltado a clases por cuestiones laborales y desean saber exactamente a cuantas sesiones... Suppose x has a distribution with a = 54 and o = 8. LO USE SALT (a) If random samples of size n = 16 are selected can we say anything about the x distribution of sample means? O Yes, the x distributi... A is a 5*4 matrix. How to know the basis of another Nullspace if $x_1 = <1, 1, 1, 3>$ and $x_2 = <0, 2, 2, 2>$ And what's the comp... Part 1 Exercises: Find the following for a 15-year loan of \$125,000 with an interest rate of 2.75%. 1. What is the monthly payment? 2. What is the total amount paid for the 15 year term of the loan? 3... dit. Question 11 oint w Did I Do? nd the intercepts and there vertical and horizontal asymptotes, and then use them to sketch a gr the function. f (z) = x+2 72-25 ter the intercepts as points, (a, b). e... Need help practice questions I feel like number 1 is right but at the same tine I dont know. Find an equation of the line i... For the following diagram, determine < ADC. [4 marks] D 12 cm 480 420 B E 4 cm i cant answer it. A 5 BL3 C - 3 D. - 9. What is the solution of the equation Var - 1 - 27 A rno B. 1=1 10. What Is the value of r in the equation var + 1- v5 - 10 07 A I B.2 C 3 D. 4 Nasus purchased 14 tickets for a tennis match, 4 of the tickets were for midcourt at a cost of \$85 each and 6 tickets that were general seating at a c... please do it. Evaluate the following line integrals where the loops are traced in the ounter clockwise sense (i) y dx - r dy c x2+ 2 where C is any simple closed curve not passing through the origin. ... Using the above labels (1-5) and the random number table (Row 15, Column 1) which two departments are selected? • A. Chemistry and Geology • B. Physics and Mathematics • C. Biology and Ge... cara menentukan nilai a. jumlah uang yang harus Ani keluarkan... 2. Misalkan diketahui sistem persamaan linear : x + 2y = 4 dan ax + 3y = 7 Tentukan nilai a agar sistem persamaan linear dua variabel t... plz answer asap. The average cost of gas dropped from a high of \$2.84 per gallon on June 1, 2015 to a low of \$1.66 on February 1, 2016. Complete parts (a) through (c) below. (a) What is the average pe... Benjamin knows that he will be receiving \$116,932 to settle an insurance claim, but he will not actually be paid for another 4 months. Needing cash now, he is considering an offer from a finance compa... Please kindly show workings clearly. (1 A rock Sample containing 256 9 of tungsten. 187 decays until it contains only 0.25 g of tungsten - 187. If the tungsten has a half-life of one day, how long w... This question relates to real analysis. Please provide all necessary details to solve the problem 2. For each square in Figure 3.33, determine the fraction of the square that is shaded. Explain your reasoning. You may assume that all lengths that appear to be equal really are equal. Do not use an... Classroom 11:19 AM 5. Transform the following 2 vectors 2.2021, 11:19 AM 5. Transform the following matrix to the diag... What is the probability that two people chosen at random were born during the same month of the year? What is the probability that in a group of n people chosen at random, there are at least two born ... Shelly Van Doren hired a contractor has worked the following hours: Please provide Handwritten answer. 23)The number of homeomorphisms from (X, Tinc,3) to (X, Texc.3) (Where X = {1,2,3,4}) is : A) 4 B) 3 C)2 D)O This is all one question together split up into differences. [2 K] Time, t (days) Pressure, P, (kPa) Firs... Electricity bills: According to a government energy agency the mean monthly household electricity bill in the United States in 2011 was \$110.82. Assume the amounts are normally distributed with stan... 2 Arbitrage in a two-factor structure with two factors, f1 and f2, both with zero mean. You have access to four asset... x $= x^2$, $x^2 = 2 \times 1 - 3 \times 2 - u + c$, $y = x^1 - 3 \times 2 - u + c$, $y = x^1$. objective the exponential stabilization of the equilibrium xe = (0, 0). 1. Treat c as a state variable and write the new equations of motion. ... d) By using the pigeonhole principle, explain how any set of 76 positive integers that less than or equal to 100 must contains 4 consecutive integers. (6 Marks) ACTIVITY DIRECTION: PROVE THE FOLLOWING PROPOSITIONS IN OUTLINE FORM AND PARAGRAPH FORM WITH THE USE OF A DIRECT PROOFING. 1. If a is an odd integer, then a 2 + 3a + 5 is odd. 2. If y is a number w... pls help me. Find the greatest common factor and least common multiple of A, B, and C. Write your answers as a product of powers of primes in increasing order. A = 5.13.19 B = 2.38.55.139 C ... please answer. Indicate where the given set is located on the figure below by clicking the boxes within regions that should be shaded. (Select all that apply.) AC U BC UC A B O O O O Please answer. Problem 4.3 (4 points) Consider the linear second-order differential equation dr 2nt dr dt + kx = a cos r(0) = TO, dt (0) = vo (2) F(t) that describes the motion of a mass-spring system... You must show work to get full credit! 1. Kerry ate 3 pretzels, 2 apples, la. SHO and 5 grapes. na Write the following ratios: apples to pretzels grapes to apples to pretzels to fruit var Show that v(x, y) = x3 - 3xy2 + y is harmonic in C Find u(x, y) such that f (z) = f(x tiy) = u(x, y) +iv(x, y) is analytic in C. Tylishia says that she can calculate 324 - 197 by adding 3 to both numbers and calculating 327 - 200 instead. H a. Draw a number line (which need not be per-fectly to scale) to help you explain w... Show that the set of operators {+. V, false} is a dequate, where false is a fixed contradictory formula (i.e. a constant F function on {T, F}). Can someone help me answer this problem? I need it ASAP. Thank you! Highlighted question. hair? If 8 standard dice are rolled at once, what is the probability that all 6 numbers appear? How many integers less than (or e... Sam eats about 2200 calories every day. A novel orange has about 80 calories. If he ate 1 orange every day, how long would it take before he ate 2200 calories in oranges? A continuous time plant has transfer function 2 G6 (\$ = s(1 + cs) The discrete time representation of the plant is of the form C(z - 21) G6 (Z) = (z - 1)(z - P2) where C, z1 and p2 are to be determined... Detailed explanation please, thank you.. Let b = (0th)-f(0-h) is approximation of f'(0) for f(x) = x5/3. Let the error |4 - f'(0)| is given the 2h table below. Find S theoretically as well as numeric... Individually use the monthly investments compounded annually table to determine the final dollar amount after 25 and 30 years at 8% interest Use a monthly investment of \$300 for this exercise. Determ... Write down the streamfunction for an isotropic line source of strength 2am in a uniform stream of speed U. Take the origin to be at the source of strength 2am in a uniform stream of speed U. Take the origin to be at the source of strength 2am in a uniform stream of speed U. Take the origin to be at the source of strength 2am in a uniform stream of speed U. Take the origin to be at the source of strength 2am in a uniform stream of speed U. Take the origin to be at the source and the r-axis in the direction of the flow at large d... Please help with this graph theory problem with detailed explanations, Thank you! Let G be a graph. Show that if G is k colorable and we construct G'from G by adding one edge, then G'is at most k ... MATHEMATICCS: CATEGORICAL SYLLOGISM ... No man is perfect. All matter obeys wave... Objective: The objective of this study was to determine which projects a hospital corporation could add to their portfolio for the next fiscal year while staying within a \$950,000 budget. The hospital... Linear Programming: An Algebraic Approach. 1. National Business Machines Corporation manufactures two models of printers: ink and laser. Each ink printer costs 100 euros to make, and each laser printe... Consider the trust-region subproblem of choosing an n-dimensional step s from Ck to xk+1 by minimizing a local quadratic model subject to a constraint on Is|: minimize q(s) = g s + 28THs subject to Is... Let $A = \{1, 2, 3, 4\}$. Define $R = \{(1, 2), (2, 4), (4, 2), (1, 4), (3, 3), (4, 4)\}$. (a) Represent R in digraph. (b) Is R an equivalence relation? Justify your answer. please provide explanation this is definition 7.1. 2. Propose a limit to the sequence 2n2+5n-2 3-7n2 and using the definition of nEN convergence (Definition 7.1), prove that this is indeed so.. 7.1 De... SESSION DATE - AUGUST 7, 2024 Cheque Purchase Invoice #PFU-4877 Dated August 2/24 From Places For Us, \$1 800 plus \$234 HST for monthly rent. Invoice total \$2 034 paid by cheque #3421. Terms: payable o... Question 6 Find elementary matrices E1, E2 and E3
so that B = E3 E2 E1 A where Not yet answered -4 -4 -16 Marked out of 3.00 A 3 B = 9 4 19 Flag questions below. QUESTIONS: 1. What real-life was shown in the video? 2. How were linear... The average number of fish was 475, while in 2009 the average number of fish was 475, while in 2009 the average number of fish was 496. Assume the rate of inc... Sky saved Php22,500 when she was 21 years old and put it in a savings account with a 4.2% interest rate compounded quarterly. How old is she now that her account balance is worth Php32,771.02? Ans... it already has the nswer but im looking for procedures... translation for hat it asks on both questions: a)Open interval where the function is increasing or decreasing b)The coordinates of the max... Check my work 11 The Food Co-op Club boasts that it has 4,200 members and a 160% increase in sales. The markup is 32% based on cost. What would be its percent markup if selling price were the base? (R... 6 PLEASE answer. Question 36 (4 points) < Saved Calculate the Reaction Forces (R1 and R2) needed for equilibrium of the following free body diagram: (Clearly show the calculations) 500 N 200 N 3 m ... A tennis pro's workout schedule is to have both morning and afternoon practice for 2 days, rest for 2 days, functions (a) u = x2 - y' + 2x ty, (b) u = re cosy - yet siny. Please show steps and be typed, handwritten is too oft confusing and illegible for both questions. 1. Solve for x, y, z, and w. 2. Compute the products. Some of these may be undefined. Ex... Sir i am stuck for this question . For each real number a in (-co, co), solve the following system of linear equations. You must use Gaussian elimination. 1+x2 + ax3 = 0 -x1 + ax2 + x3 = 0 -x1 + ax2 + x3 = 0 X1 - 2 + 2... Please help with fixed ends x = 0 and x = 1 is initially at rest in its equilibrium position. It is set in motion by giving each of its points velocity kx(1 - x). Find y(x, t) vertica... Find all x so that 132 - 1| - |x - 3| = 2x - 1. Prove that you have all solutions. 2. Prove that you have all solutions. 2. Prove that V430 is an irrational number 3. Let x1 = V2 and In = V1 + Xn-1. Prove that for all n 2 1, n is an irr... estion: Math Determine the monthly payment for the installment loan. Next question Annual Number of me Amount Percentage Payments per Time in Financed (P) Rate (r) Year (n) Years (t) ts \$750 4.5% 12 1... Analyze Ally's performance. Was she correct in her answers and/or her reasoning? How would you describe her grasp of mathematics? Is her teacher the installed the installment loan. type of teacher you would aspire to be and w... what is the answer of this?. A. Determine which of the given statements is inductive or deductive reasoning: 1. If a quadrilateral has four sides, then a rectangle is a quadrilateral. 2. I find people... Maths. Ly Week 12: Unit 3 Quiz ~ Lyryx Learning Inc - Google Chrome lila1.lyryx.com/quizservlets/QuizServlet?ccid=3819 Question 8 [10 points] A car dealership acquires a used vehicle for \$7,600. Its ... Page 25 Question 23 (3 points) Solve the system of equations using Cramer's Rule. Show checks. 30Q - 55 - P 14P + 190 = -32 On a movie night two groups of friends get ready to watch a movie, the first group to buy 5 soft drinks and 4 popcorn they spent \$ 1,280. While another group spent \$ 920 buying 3 soda and 3 popcorn. C... Please provide Handwritten answer. Suppose the magnetic vector potential A and electric scalar potential V at a point in a certain medium (z, u) are given by : V A = A(e a, - Inya,), and V = = where ... For the function fix) = 4 x 30'2'', calculate f(10), f(5), f(-10), and f(2.5). For the function fix) 2 logmfit, attempt to calculate f (10), f(5). f(-10), and f(2.5), and explain what each of... Given the following defining equation for Legendre polynomials for n = 0, 1, 2... please help with this Use our definition of a fraction in your explanation. XXX XXX XXX ... Me know if you want to come over and watch the kids to night ???? T Brian Christian: Howt x T Annie Bosler and Don x 10 Mylab Math eText an X Pearson Sign In * + ten Students | Wa X MATH 1030 Week 4 X C content, waldenu.edu/41601b6c15d568e0576f6651939df1 16.html MSN ... B AND C ONLY ANSWER IT AS FAST AS YOU CAN. 30pts. Using Boolean algebra techniques, (a). simplified exp... Determine the number of sub-intervals, n, required to approximate the integral 4 1 / d1; 0 {3+4 to within 10-5 using the composite Simpson's rule, and compute the approximation. grade 12 advanced function. T CONSIDER THE PRODUCT, S (x3-x7+2x-2) (x8-276+4x-8x +16). WITHOUT EXPANDING IT IN ITS GIVEN FORM, SHOW THAT IT IS EQUIVALENT TO. *'- X +32x-32 (b) How many outcomes contain a head and a number greater than 4? 1 (c) Probability extension: Assuming the outcomes displayed in the tree diagram are all equally likely, what is the probability that ... 3 14 Q - tel V # Revisit the option B, gA(y) is the per capita rate of switching to option A... Application and apriciation for mathematics in a watching games For the compution a - 2.b C, suppose the data (a, b, c) are perturbed to (a + z, b + 8, c + u). Estimate the forward error $\lambda \& + 8 + u \dots 1$. Consider f: (1, co) + R given by /(3) = 3 + Show that T - A((1, 00)) (13, 00). Let X be the interval [0, 2) C R. The restriction of the usual metric on R to X is a metric on X. (a) Is the set [1, 2) closed relative to X? (b) Is the set [1, 2) closed relative to X? (c) Is Equivalent fractions are fractions that are Use the model below to list 3 fractions that are equivalent to 1/2. Prove the following statements using induction and induction and induction and induction and induction are fractions that are equivalent to 1/2. Prove the following statements using induction and induction and induction and induction are fractions that are equivalent to 1/2. Prove the following statements using induction are fractions that are equivalent to 1/2. Prove the following statements using induction and induction are fractions that are equivalent to 1/2. Prove the following statements using induction are fractions that are equivalent to 1/2. Prove the following statements using induction are fractions that are equivalent to 1/2. Prove the following statements using induction are fractions that are equivalent to 1/2. Prove the following statements using induction are fractions that are equivalent to 1/2. Prove the following statements using induction are fractions that are equivalent to 1/2. Prove the following statements using induction are fractions that are equivalent to 1/2. Prove the following statements using induction are fractions that are equivalent to 1/2. Prove the following statements using induction are fractions that are equivalent to 1/2. Prove the following statements using induction are fractions that are equivalent to 1/2. Prove the following statements using induction are fractions that are equivalent to 1/2. Prove the following statements using induction are fractions that are equivalent to 1/2. Prove the following statements using induction are fractions that are equivalent to 1/2. Prove the following statements using induction are fractions that are equivalent to 1/2. Prove the following statements using induction are fractions to 1/2. Prove the following statements using induction are fractions to 1/2. Prove the following statements using inductions to 1/2. Prove the following statements using inductions to 1/2. Prove the following statements using inductions to 1/2. Pro clear explanation. Thank you. Use the situation below to answer the questions that follow Rowel is designing a mag wheel like the one shown below. He decid... For what values of p are norms actual norms, and why? Give correct answer with detailed explanation..... 5.1 Use the greedy heuristic to solve the following 0-1 knapsack problem max 18x] + $15 \times 2 + 35 \times 3 + 25 \times 4 + 19xs + 10 \times 6 + 40 \times 7 + 30 \times 8$ s.t. $61 + 4.12 + ... \bigcap {x}^{+} = 0; ADC Get(); Acc = (((int)HADC) * 0x100 + (... A) + 10 \times 6 + 40 \times 7 + 30 \times 8$ s.t. $61 + 4.12 + ... \bigcap {x}^{+} = 0; ADC Get(); Acc = (((int)HADC) * 0x100 + (... A) + 10 \times 6 + 40 \times 7 + 30 \times 8$ s.t.
$61 + 4.12 + ... \bigcap {x}^{+} = 0; ADC Get(); Acc = (((int)HADC) * 0x100 + (... A) + 10 \times 6 + 40 \times 7 + 30 \times 8$ s.t. $61 + 4.12 + ... \bigcap {x}^{+} = 0; ADC Get(); Acc = (((int)HADC) * 0x100 + (... A) + 10 \times 6 + 40 \times 7 + 30 \times 8$ s.t. $61 + 4.12 + ... \bigcap {x}^{+} = 0; ADC Get(); Acc = (((int)HADC) * 0x100 + (... A) + 10 \times 6 + 40 \times 7 + 30 \times 8$ s.t. $61 + 4.12 + ... \bigcap {x}^{+} = 0; ADC Get(); Acc = (((int)HADC) * 0x100 + (... A) + 10 \times 6 + 40 \times 7 + 30 \times 8$ s.t. $61 + 4.12 + ... \bigcap {x}^{+} = 0; ADC \bigcap {x}^{+} = 0;$ A1 = {(2)k:kEN} and A2 = {(3)k:kEN} then A1 is a subset of A2 and A2 is a subset of N. Am I on the right track here? B) Here we would have 2k and since k and N are not finite than the answer would ... Mini-Case PART A Owners of a new restaurant have found numerous costs associated with starting their business (see table). They financed the total of these costs with end-of-month payments through a l... Show an algebraic verification for one of the solutions from part b. (1 mark) please help. 2- (a) Let {Un} be an iid sequence of uniform rv's with Un ~ Unif(0, 1). Let Wn = min(U1, ..., Un). Compute the the survival function Gw. = 1 - Fw. and the density of Wn. Use these to sho... six students, Rachel, Elaine, Angelina, Aron, Tom and Jay enter a classroom at different times in the morning. what is the probability that all 3 girls arrive before the boys. My answer: (3 *... ketasamaan linear. Antera koordinates satisfies x < 6, y < x and 2x + 3y 2 12? 1. A (2,3) C (... Blast'em Stereo system for \$1,900 less two discounts of 40% and 18%. The store uses this product to draw customers to the store and always offers the store on sale at 25% off. Whe... (2 a) ! < ((a!) 2 4 a) / 4, a>=5 mathematical induction, For each of the following cases, either explain why the case cannot occur or give an example to show how it can. a. Two positive numbers b. Two positive numbe answer this question?. e) Find the equation of the plane that is orthogonal to the plane 3x + 2y = = 4 and goes through the points P(1, 2, 4) and O(1, 3, 2) PHYSICS – DENSITY. What is the density of a box that is 32.0 cm long, has a cross-sectional area of 7.00 cm2, and weighs 75.0g? Answer: mathematics. ACTIVITY 8 Directions: Re and analyze the following statement, Write TRUE if the sis erect Write FALSE if the statement is incorrect 1. Al... I have 30 min to solve this ??. Question Completion Status: QUESTION 7 1 points Save A commercial cat food is 210 kcal/cup. A cat weighing 9 lb fed at a rate of 50 kcal/lb/day should be fed how ... Choose one of the following topics: 1. Diagonalization Argument 2. Continuum Hypothesis 3. Power Sets 4. Hilbert's Hotel Problem Research your chosen topic further. After your research, reflect upon... sir kindly solve this with a calculator using the augmented and in fraction format. 5) (15 points) Use a calculator to solve. (see Illustrations utv + 2w + 3x + y + z = N 5u- v- 2w + 6x + y - z = 8 2u + 3v + 2w - 3x - 2y + 2... I already submitted part a,b,c,d,e, but wasn't aware of part "I". So the only one I need now is "I". Thank you. Co To obtain a 11 grade A" a condidate must be in the top 10% of the candidates w... Practice midterm with no solutions - any help/explanation would be really appreciated! . 10. (1 point) Consider the following infeasible LP: max 1 - 242 + 3 s.t. 1 - 0 12 - 1 X 3 x 2 0 which one ... Find the truth table. Relations on statements (Equivalence).. (P - 9) FX (~ P vg) Transform each function into standard form. Then, identify the values of a, b, and c. 31. y = (x-4)2 32. y = (x-4)2 32. y = (x-4)2 33. y = (x+2)2 35. y = (x+2)2 37. how to work on it this question and don't understand for frequency how to find. SPM 2019 (FREQUENCY POLYGON) 6 Diagram below is an ogive showing the amount of money, in RM, spent on petro... You turned in lots of extra credit for a class. At the end of the semester you have 526 points out of a total possible 480 points. What is your percentage at the end of the semester? Note: Round off the answer up to 5 decimal places. 1. Determine the root of the given equation after performing 2 iterations. Use Bairstow's method with r = -1 and s = -1. f (x) = 9.34 - 21.97x + 16..., please help with 5a dont mind if theres only process, need partial credits A company started out spending 554 to get up and running, and then it planned on charging \$25 for its product. The amount of profit (which is money brought in minus) is given by the function P (x) = ... Sir i am stuck for this question . 6. Find an equation of the plane passing through the point P and perpendicular to the vector ". a. P(1, -1, 0), # = (1, 3, 5) b. P(1, -1, 3), # = (-1, 0, -1, 2) b. P(1, -1, 2) b. P(1, -1, 2) b. P(1, -1, 3) b. P(1, -- ... PLEASE PLEASE DO IN PYTHON!!!. 5. Compound interest. Suppose do dollars are deposited in a bank that pays 5% interest per year, compounded quarterly. After one quarter the value of the account ... Game theory: Consider the following Chicken game given by the two payoff matrices: a. Write down an optimization problem that can be used to find the Nash equilibria. b. Find all Nash equilibria (mixe... I need help solving this ASAP. Now, let's look at how to graph the exponential function } X y = 3x y (x, y) - 3y = 3(-3) = 1 33 27 -2 -1 0 1-2022 A. Solve for x. 1) 1 1-x x2+1 32-15x+10×2 2x+5 4x-5 6) < $3x+1 3\times2-2x-1 4\times2+17x-55 2x-5 x+11 2x-5 x+13 x+8 x+7 5 2 2) + 7) + x-2 X+3 (x-2)$ $(x^2+4x+3) x^2+x-6 \log x^2+x-6 x^2+4x+3 2 x+2 x+...$ Find the orthogonal trajectories of the family of curves is orthogonal to the given curve, i.e. Family of Lin... Please help with this problem!. 50 stable unstable 40 30 20 10 50 100 150 200 250 300 b) (10) pts) Now suppose that, over the last five years, the phosphorus concentration has gradually increased from ... 27:12 1/8 QUESTION 7 . 1 POINT In 2000, the profits fell by \$29,532 on average. Construct a linear model for this scenario and use it to s... Please provide Handwritten answer Advanced Math If i have a decay function where F(t) = e - t/T 2 but T 2 is determined by a region with one half having T a 2 = 40ms and another half having T b 2 = 80ms... Assume that the coefficient of variation of the arrival and service processes for each resource pool is 1. You may also assume that the deal completion step is immediately initiated by the senior prof... Problema 8: Demuestra que el momento de inercia con respecto al eje O, del anillo delgado de masa m de la figura es de lo = -mr2+3mr2 paralelos lo = my2 Problema... Notation 1. Let (X, d) be a metric space, x E X, r > 0, then Br(x) = ly E X : d(y, x) < r}. Notation 2. Let (X, d) be a metric space, A C X, then A is the closure of A. Notation 3. Let X and Y be... Two machines turn out all the products in a factory, with the first machine produces defective products 1% of the time and the second ... No Date (b) Smart Kitchen sells and two different sets of dinner daring this COVID - 19 pandemic. The choice of dinner sets are set A for 3 - 4 persons and Set B is for 5 - 6 persons in a family. Give... it's about polynomial function. 3 IF P (X) IS A POLYNOMIAL WITH X= 1 AS A ROOT, AND P(X)20 FOR KE (- 0, 4] THEN EXPLAIN THE GRAPHICAL SIGNFICANCE sir i am stuck for this question . Find the critical points of the function f(x.y) = (12-x2) e 4ay Here "a" is a positive number, and your answer may depend on "a". Then, use the ... General Mathematical Solution:. Practice Exercises 2: Complete the table. Final answer must be rounded off to 2 decimal places. Selling Price Cost Gain % Gain... 1) (9 points) Mathematical Model: Using the following value functions, the constraints on water supply and the method of Lagrange, derive the optimal allocation of the two users of wa... describe step by step. A canteen has to plan the composition of the two users of wa... in dollars per hg, and ... em denole margin of error in sample side and a standard deviation solve the above equation first for In and then for n If car+ car= 30 and person = 25 and cat + person = 25 and cat + person = 15 what is cat + person = 25 and cat + person installment basis. He paid P20,000.00 down payment. The remaining balance was paid in 36 monthly ... P5.2.5 Suppose LE Rimx" with m 2 n is lower triangular L1 6 Rox" so that Hn . . . HIL =]. Hint: The se... Please answer using R code 2) A box of candy has different colors in it. If a candy is drawn, there is a 0.15 probability of getting a blue candy. If 10 candies are drawn from the box, What is the m... Let F(V,E) be a graph and for each v E V, let av be the number of edges 6 E E such that e has an endpoint at v. Further assume no edge e G E has equal initial and terminal points and no two distinct e... Please help with this advanced math question. In this MATH336 assignment problem 2. AMS 518 HW3 September 2020 Loss is defined as a function /(x, y) of a decision vector & E X C R" and a random vector y (Y CR". Definition 1 (CDF) We supp... (10 points) For the differential equation * = (20 24) + find the eigenvalues and eigenvectors. Then use these to sketch the vector field for the system. Show solutions. 3. Which of these three solutions is the most concentrated? (worth 1 mark). Solution A has 15 g of solute dissolved in 1750 ml of solution Solution B has 2530 g of solute dissolved in... please solving my question. Lengkaplan susucan nombor di ruing juwapun chi bawah dengan tepat Compare the sequence in the answer space with the correct anniers Hargu asal kereta inlah RM50 000. Setiap... It's just not cricket, old man! In cricket, it is possible to score one run, four runs, or six runs at a time. Ashley Giles was an English first-class cricketer. He played for his country 116 times, i... For a monthly premium whole life insurance of 10,000 on (x), you are given the following information: (i) Benefits are payable at the end of the year of death. (ii) Initial expenses are 50% of the
ann... Consider the linear control system: x 1 = x2, x 2 = 2×1 - 3×2 - u, y = x1. 1. Knowing that only y can be measured, design a stabilizing controller that only uses the measurement y. Relate th... Bagaimana menyelesaikan soal tersebut? Tolong dijawab According to a recent poll, 58% of registered voters support measure R and 47% support measure S. 39% support both. If a randomly selected voter is surveyed find the probability that that voter A. sup... (a) Write an analytical expression for the membership function $\mu A(x)$ with supporting interval [-1, 9] and α -cut interval for $\alpha = 1$ given as [4, 5]. (b) Explain what is meant by *normal membership f... Annabelle set up a lemonade stand to make more so that she could increase her dolls collection. If she collected 342 quarters in 200 minutes, how much did she make in dollars per hour? Pls show a... it is for framework. QUESTION 16 If you fall behind on your reading, you should NOT can you please help me with this. (n) Comment on the performance of Argentina over the 14 tournaments (refer to 1(m)). 2. The ages of the final 23 players selected by coach Oscar Tabarez to play for U... The Coca-Cola Company had sales of \$19,999 million in 2003. Assume that the sales followed a linear pattern. \$24,905... please help . Select the correct iooos to simplify the given function in PBS {prod not of sums} tom]: Note: To select loops that wrap around the edges of the table, you must select both sections that... Sir, i am stuck on this question. 3. With {aflnu and (bflnn being two strings of number sci that :11 = 2, b, = 1 and an" = 2:1,1 + 3b", and bin." = 1:11. + 3b", n E 1. Find the general... Compounding Interest

Direction: Solve the following problems. (3 items x 10 points) 1. Lindsay borrowed P120,000 in a bank for a year. If she paid P139,290.54 on the maturity date, at what rate of int... please help. Block B slides to the left until member BC is vertical (see below figure). Determine the change in length of distance AC. (10 points) Verify with Inventor or AU(BNC) = (AUB)n (AUC). (b) An (BUC) = (AnB) U (AnC). Use the definition of multiplication and math drawings to determine the answer to the multiplicat... Fet (But, ..., 0, 1) be a Boolean algebra 19 Write the dud of the following mood of the edempotent lo x = x 70 = x + xox = (x4x). (x+2') = (xx2)-1 = 2*2 (20 Love Lovename: x.0= 0 20 have absorptio... Linear Programming: An Algebraic Approach (dont use excel for explanation i just need help to create an equation and everything else I will calculate on my own). Canada Pharmaceutical produces three k... Show that p - q and -q - p are logically equivalent. p - q = -q - -p One of the solution region will always be the answer to the most profitable solution in these types of problems, even though all points within the shaded region satisfy the constraints ... math major. 1. Given f (x) = a. Construct a table of values using the integers from 0 to 10. b. Plot the points in a Cartesian coordinate plane and determine whether the points from a smooth curve or ... (5) For flat) = sin(7r:c) on [0, 1], find the Bernstein polynomials 31,32,33, B4. Simplify answers as much as is reasonable. (To satisfy your curiosity, you are also welcome to plot those functi... PLEASE HELP NEED STEPS TO GET THE ANSWER BELOW, SCROLL DOWN FOR QUESTION ANSWER: • a = partial derivative of the equation in terms of $q_in \cdot b = partial in terms of q_in \cdot find corres.$ Please help with the following, thank you. Write the first 5 values of: . B(1) = 1 . B(n) = B(n - 1) + n2 for n > 2 Please list them separated by commas as: v, W, X, y, Z. Question 3 8 pts A set M... please solve this question. 3. Prove that the matrix norm ||.|,, defined by ||A||, = max ||Ax||, can be computed using the formula ||A||, = max lajil. Sir i am stuck for this question only need a and b but please need complete explanation. MATRICES Q2 a) Given the matrices A = 131 21. B = 12 4 91. C- 3 11 Evaluate (i) C2 (ii) (CT) 2 (iii) Is det. C2 = ... Beanie babies. All freshmen entering Whatsamatta U. have their heads measured for the beanies they are required to wear. One year the head circumference data had a normal distribution with mean 51 cm ... A student monitoring group conducts a survey of a sample of 100 undergraduate students and finds that the mean amount of internet use each week was 35.1 hours with a standard deviation of 8.2 hours. ?... Conduct a least squares linear regression for the Google price with SP500 Index as the predictor. Report the summary of the fit. 2. Use residuals to check the assumption that Mr.Alexander should make . 6. Eigenvalues and Eigenvectors of the Inertia Matrix The inertia matrix for a rigid body, computed in b1, b2, b3 coordinates, is: 25 - 25V3 0 [/] = -25V3 75 0 kg . m2 O 0 100 a. Compute values for... 5293124072 Linear Relation X 5293124073 Linear Relation X 5293124073 Linear Relation X 5293124075 Linear Relation X 5293124075 Linear Relation X 5293124073 Linear Relation X 5293124075 Linear Relation X 5 293124071 Linear Relation X Homework Help - Q&A fro X + C O File | C:/Users/khad... Several calculators are now available that do computations in fractional form as well as in decimal form. Some of these automatically give results in simplest terms. If you have access to such a cal... what the value of a=1, a=2 and a=3. The third-degree Taylor polynomial of the function f(x) = In(1+x) at x=0 is $P3(X) = a_0 + a_1x + a_2x^2 + 23 \times 3$ Where $a_0 = V_0 a_1 = X 0 a_2 = X 23 = X Question #5$ (a) A boundary value problem is defined by y" ty+1 = 0 0 O<x1 Where, y (0) = 0 and y (1) = 1 (i) With h = 0.5, use the finite difference method to determine the value of y (0.5) (ii) ... Examine the graph of y = 0.5(x - 1)(x - 1)(x+ 3)2(x - 4)3 below a. What is the degree of this polynomial? b. What are the zeros of this polynomial? c. What are the 3 fact... Expand the Laurent's series expansion for f (=) =- z+3 in powers of z in the region 1 szs2. Answer all questions kindly, if you copy from chegg and others I will flag your copied solutions Let X denote the data transfer time (ms) in a grid computing system (the time required for data tran... Internet costs - more summaries. In 2009, a survey of 22 people who had home access to the Internet asked them how much they paid per month for that access, rounded to the nearest dollar. The followin... Please try your best thank you!!. On November 1, 20xx, Broom Company received a bank statement that showed a \$2,950 balance. Broom showed a \$4,010 checking account balance. The bank did not return che... Consider the matrix [a + b 0 O A = 1 a - b 0 2 3 a where a and b are real parameters. (a) Determine the conditions under which the homogeneous set A . x = 0, where x is a 3dimensional vector, has no... Please can you show all the steps on how to do the proof, we learned about equivalence relation, I really am struggling have no clue where to start off with the proof. Please can you show steps for th... Please can you show steps for th... Please can you show all the steps on how to do the proof. Please can you show steps for th... Please help me to answer this question. (x): 60a. Z = 101 if K, < 10 60a if Kq > 10 Fill in the blanks in the p... reference. Question, you may find the following useful: the volume of a cone with radius r cm... Please fully answer the question below: I will Upvote! Here is some helpful information about Cauchy's inequality and its integral form below: . Let f, g: [a, b] - (0, co) be two continuous posi... Select the best answer for the question. 12. An adult weighs 164 lb and is 5'9" tall with a BSA of 1.9 m?. The physician ordered Oncovin 2 mg/m for chemotherapy treatment of a malignant tumor. On... You have taken a loan of \$72,000.00 for 30 years at 4.3% compounded quarterly. Fill in the table below: (Round all answers to 2 decimal places.) Payment number sx, if x^2 is even then x is even. I need to solve this in 1 hour !! Hope I can get help , Thanks!! QUESTION 9 The disinfectant is mixed in a ratio of 1:3 concentrate to water. If 30 ml of concentrate is used, how many milliliters of w... mathematics. Suatu pabrik itu memproduksi x unit model B. Pada suatu hari, pabrik itu memproduksi x unit model B. Pada suatu hari, pabrik itu memproduksi x unit model A dan y unit model B. Pada suatu hari, pabrik itu memproduksi x unit model A dan y unit model B. Pada suatu hari, pabrik itu memproduksi x unit model B. Pada suatu hari, pabrik itu memproduksi x unit model B. Pada suatu hari, pabrik itu memproduksi x unit model B. Pada suatu hari, pabrik itu memproduksi x unit model A dan y unit model B. Pada suatu hari, pabrik itu memproduksi x unit model B. Pada suatu hari, pabrik itu memproduksi x unit model B. Pada suatu hari, pabrik itu memproduksi x unit model B. Pada suatu hari, pabrik itu memproduksi x unit model B. Pada suatu hari, pabrik itu memproduksi x unit model B. Pada suatu hari, pabrik itu memproduksi x unit model B. Pada suatu hari, pabrik itu memproduksi x unit model B. Pada suatu hari, pabrik itu memproduksi x unit model B. Pada suatu hari, pabrik itu memproduksi x unit model B. Pada suatu hari, pabrik itu memproduksi x unit model B. Pada suatu hari, pabrik itu memproduksi x unit model B. Pada suatu hari, pabrik itu memproduksi x unit model B. Pada suatu hari, pabrik itu memproduksi x unit model B. Pada suatu hari, pabrik itu memproduksi x unit model B. Pada suatu hari, pabrik itu memproduksi x unit model B. Pada suatu hari, pabrik itu memproduksi Nathaniel, Jay, and Crystal were recently elected as the President, Vice President, Vice President, Vice President, Vice President, Secretary, and Treasurer of their class. Determine the function is even, odd, or neither. f (z) = 12 x10 o Even o Odd O Neither Show your work and explain how you arrived at your answer. Equation Editor A - A- I BIUS X X d suppos garbled. Show that, if e < d, then Bob will be able to detect that an error has occurred and, if e < d/2, then Bob will be able to determine Alice's intended message. At this point, we ... A tank originally contains 360 gal of fresh water. Then water 1 containing - 1b of salt per gal is poured into the tank at a rate of 6 gal/min, and the mixture is allowed to leave at the same rate. Af... Please provide Handwritten answer. Q3) A function is defined by: cost 0 < < n f (1) = 3 cos 21 1 <t < 2n cos 31 27 <t (15 Marks] a) Sketch the graph of the function f(t... Cite an example of "banned numbers" you encounter every day and discuss why they are forbidden to be published or used. what is POI in x=10+4y-8z, -4x+6y-32z, 39+4y=bx+2z Hi, I am not sure what to do please help. Convert from base 3 to base 9 21122202.0110022, = Number 9:444 293124083 Linear_Relations.pdf MFM 2P1 9. What kind of triangle are we allowed to use the Pythagorean Theorem on? [1 mark] 10. If the hypotenuse of a triangle is called j and the two legs are ca... In Problems 19-26, consider the normal distribution with mean 60 and standard deviation 12. Find the area under the normal curve and above the given interval on the horizontal axis. 19. [48, 60] 20. [... Use the simplex method to solve the given interval on the horizontal axis. subject to: x1 + 2X2 + 3X3 + X4 = 100 $3X1 + X2 + 2 \times 3 + XA$ 75 with x1 2 0, X2 2 0, X3 2 0, X4 20 Maximu... Consider the following network of Hawaii Island, which shows the location of various facilities within a youth camp and the distances (in tens of yards) between each facility 6 4 2 13 4 6 3 11 2 3 ... You have \$170,000 in your account. If it earns 5.8% compounded monthly, for how long can you have end-of-month withdrawals of \$1,700? 2. If you want \$5,000 8
months from now and b for which 21a + 30b = 1. Show work for each question. 23. A large hotel chain needs to apportion 25 new surfboards for its visitors to rent among three hotels based on the numbers of rooms in each hotel as shown below. Use th... A ball is thrown vertically upward from the roof of a tall building. The ball is thrown vertically upward from the roof of a tall building. You deposit \$10,000 in an account that pays 4.5% interest to... - 1 hour 0/19 QUESTION 14 . 1 POINT Calculate the finance charge on a credit card with a carry over balance of \$760 with an APR of 24.99%. Round to the nearest cent. Provide your answer below: Content... Compute the following. Assume the value of n is restricted so that the expression is defined. (Simplify your answer completely.) (n - 1 n + 1) Given the function $f(x, y) = xy' - 7 \times 3 - 4y$, find a. f(4,3) b. $f(x, y) = xy' - 7 \times 3 - 4y$, find a. $f(4,3) = xy' - 7 \times 3 - 4y$. on R2, find: (a) (2 points) the equation of the plane tangent to the graph of f at the point (2, 0, 1), (b) (1 point) the... Martha starts saving for her retirement by making monthly deposits into a retirement account whose annual rate is 3.1%. She plans to retire in 28 years with an amount of money that has the same buying... please assist. A cylindrical can has a volume of 25071' cm3. Use Lagrange muttipliers to determine the dimensions of the can that yield the minimum surface area. The radius of the can with the minimum surface area. The radius of the can with the minimum surface area. money. They pooled their money and bought four boxes of candy bars, with each box costing \$16.99. There were 40 bars in each box, and they sold each bar for 80 cents. If ... In both Tung's textbook and course notes, the following approximation was used: "If a new node sends out an attachment to an existing node having k degree with probability pk, then from the total m at... La compañía relojera In Time tiene para su producto estrella un costo fijo de producción de \$48,000.00, con un costo unitario consonant? (Your answer must be in the form of a reduced fraction.) Kira purchases a sofa for \$1015.87 (taxes included). The department store offers her a promotion of 0% interest with no payments for one year. If Kira does not pay the amount in full within one year. If Kira does not pay the amount in full within one year. If Kira does not pay the amount in full within one year. If Kira does not pay the amount in full within one year. If Kira does not pay the amount in full within one year. If Kira does not pay the amount in full within one year. If Kira does not pay the amount in full within one year. If Kira does not pay the amount in full within one year. If Kira does not pay the amount in full within one year. 0.3t (iii) $\mu x+t$ (3) = 0.4t Calculates the correct answer to 23 X 27. If graph paper, and use your array to explain why the partial-products method calculates the correct answer to 23 X 27. If graph paper is not available, draw a rectangle to represe... Subject: Discrete Mathematics Note: Do All the Questions correctly and on Page for a thumbsup Questions: Q1: Either draw a graph with the specified properties or explain why no such graph exists... I NEED HELP. Question A car, traveling at a constant speed, could reach a distance of 160 km in 4 hours. How far could... D Question 3 1 pts Betty makes daily deposits of \$6.12 into a savings account. If the account has an annual rate of 1%, how much interest will she earn after 636 days? Round your answer to the nearest... Question The city of San Diego was proportional to New Orleans in hotels to population, how many hotels would San Diego have wit... Which of the following statements regarding big-O and little-o is FALSE? x2=0(2x) O x190=0(x 100-1) O 1=0(120) C 220=0(-4) O X How many of the most important technological catalysts for change, shown in Data 4, were the HRDs required to select when completing the survey? Find the domain of the rational function. f(x)=x-7/x+4 Enter your answer in interval notation. show working. Given the following table of 26 values, find the 5-number summary. Do not round your resul O co po a) Minimum b) Q 1 = C) Q 2 = Sir i am stuck for this question with explanation. Exercises 1. For each of the following matrices, find its eigenvalues and determine which eigenvalues are repeated eigenvalues. Eigenvalues and Di... Mrs. Rosario bought 8 new bath towels. Each tiwel costs \$7.00. the store gave her a discount. Miss Rosario paid 3 / 4 of the regular price for all 9th grade students at one high school is 2 estimated. The population standard deviation is 6 inches. The heights of 7 randomly selected students are... Please show full solutions so I can fully understand them. Thank you Part 1. A rock is tossed from a platform and follows a parabolic path through the air. The height of the rock in meters is giv... 3) (6 points) Explain how you can tell the difference between the two types of subtraction based on how a strip diagram is drawn. Use the expression 27 - 15 to demonstrate the difference. Given U = 10X + 3X 2 - [1/3] X 3 is a utility function rather than the consumption of one item . Use the ... th... I need help solving this problem. thanks in advance. 3. Ryan can swim in water at rest at a rate of 1.00 this, given by 17"... He heads due North straight across a wide river that is flowing at 0.5... Mohammed earns \$76,000 per year at his job as a real estate appraiser, and he is paid every two weeks. His most recent paycheck included the following deductions: FICA \$223.62 Federal income tax \$263.... Figure 4.27 shows a grocery store display of cases of soft drinks. The display is 7 cases wide and 5 cases deep; it i... Part Description What is the moment of F1 about A. point A? (+CCW) (include units with answer) What is the moment of F2 about point A? (+CCW) (include units with answer) The foot segment shown above i... Need Help? Read It 5. [-/1.07 Points] DETAILS LARMPMT1 6.4.017. 0/100 Submissions U Find the two ratios that are equal. (Select all that apply.) 21 12 12 16 03 4 35 25 Use them to write a proportion. ... is function continous in the open interval (-3, 2). Decide whether or not the function is continuous in the open interval (-3, 2) 5) TRI-STATE OIL The Tri-State Oil Company refines its oil product at 2 sites (s] and s2) and delivers the product over leased pipelines to its final distribution depot, site \$10. By contractual agree... A wholesaler lists an item at \$118 with a 30% trade discount. What is the amount of the discount given to the retailer? Determining seconds, feet, feet per second, or non of these units. Evaluate 2NC/ P(n+1)=? Round to three decimal places as needed.) Which expression determines the product of the roots? a. c/a b. -c/a c. b/a d. -b/a 21. What are the values of a,b, and c in the quadratic equation $2e^2 + 3 = -5e$, respectively? A. 2,3 and -5B.... differential equation. What is the general solution of the following ODE * 3 points ($x^2 + xy - y$?) dx + $x^2 - 2xy$) dy = $0 + x^2 + x^2$ fixed at x=0 and x=L on the x-axis. If it is given an initial displacement f(x) and initial velocity g(x) at time t=0, find an expression for its subsequent dis... Math 8 Dugopolski 6E FINAL EXAM PARTI - Take Home Name Put MC Answers: here in groups of 5 11 MUST show work or thinking to solve each problem. For Multiple Choice use "E" for none of the ab... ¿De qué manera podríamos recuperar los planteamientos del Malthus en la época actual? ¿Cuál es la importancia de dicha información para el desarrollo del país? 1 – 2 1 T For a normalized 2-D data set X = (_1 _1 0), (a) If X need to be transformed to a new co-ordinate system for capturing maxi- mum variance, what will be percentage of variance captured by e... Find the optimal solution of the Mathematical Linear Programming problem below using two phase method. Write the standard form first and then present your solution. Indicate if there are any special ... Find the orthogonal trajectories of the family of parabola described by the equation (x + 2)^2 = cy. Determine also the type of family of curves is orthogonal to the given curve, i.e. Family of Lines. Tutorial Exercise Assume that x has a normal distribution with the specified mean and standard deviation. Find the indicated probability. $P(x \ 2 \ 30)$; #4 = 27; 0 = 3.3 Step 1 First, to find areas and pr... Derive the conclusion of the following proofs. 1. $P \lor (Q \bullet R) / P \supset S / R \supset T$ // S v T 2. [T • (U v V)] \supset W / W \supset \sim X / Y • X // \sim (T • V) 3. \sim X • (Y v Z) / \sim Y v \sim X / (... Sir i am stuck for this question, (ii) infinitely many solut... Find the optimal solution of the Mathematical LP Problem below using the Big M Method . Write the standard form first and then present your solution.
Indicate if there are any special cases. Minimi... 5.ID: 31 1035807 A client is receiving Heparin Sodium 25,000 Units in 5% Dextrose Injection 500 ml IV at 1,000 unit/hour per protocol for acute coronary syndrome (ACS). The client's partial thrombopla... Si Vilma ay isang masinop na bata .Noong nakaraang buwan ay nakaipon siya ng halagang Php 70.00 at halagang Php 20.00naman Nung sumunod na buwan . Magkano lahat Ang naipon pera ni Vilma sa loob ng dal... For my combinatorics class - please include explanation! . 6. (4 points) Consider the following LP: max (1, 1, 0, -1, 2)x s.t. 1 - 1 1 1 2 1 010 C = 2 1 x 20. Consider the basis B = { 1, 4}. (a) Deter... Let x be a random variable that represents the average daily temperature (in degrees Fahrenheit) in July in a town in Colorado. The x distribution has a mean / of approximately 750F and standard devia... It is also possible to explain division algorithms using a measurement interpretation of division. One division algorithm that lends itself to this interpretation is the partial quotients division ... Let x = red blood cell (RBC) count in millions per cubic millimeter of whole blood. For healthy females, x has an approximately normal distribution with mean / = 3.2 and standard deviation o = 0.7. Th... (3) [wish 5.2.4] Find nth Taylor polynomial for the exponential function f (:r) = e'" at :1: = 0, and the corresponding remainder term. Suppose you purchase a home for RM350,000. After making a down payment of RM50,000, you borrow the balance through a mortgage loan at 8 percent for 20 years. What is the annual payment required by the... Finding Main Ideas and Details L Write 4 Short Response Reread paragraphs 6, 7, and 8. What is the author's main idea in these paragraphs? Use key details from these paragraphs? Use key details from these paragraphs to support your answer. Consider statementsp and q. p: It is Monday. q: There are students in the gym. For parts (a) and (b), fill in the symbolic form. For part (c), choose the descriptive form. Descriptive form Symbolic f... Advanced Math Using the Arithmetic Geometric Curve Method formula: Yc = (Yi+1)/(1+r), solve for the projected demand for the nest 5 years. Carefully write a detailed solution. Given: YEAR: DEMAND 2000... 1) Let ? be a relation on the set {1, 2, 3, 4} such that ? = {(1, 1), (1, 3), (2, 2), (2, 3), (3, 2), (3, 4)}. Represent ? using a matrix and a directed graph. 2) For each of the following re... For the function $/(x) = -0.1x^* - 0.15 \times 3 - 0.5x + 1.2$, use x=0.5 and step size h=0.25. Use four decimal places in calculations. Determine the first derivative using four point central and the tr... Explain How you can tell the difference between the two types of subtraction based on how a strip diagram is drawn Help. sing POSES (Continued) Mathematics 4. Lori and Mike Boyd have a combined Electricity \$ 2,960.00 monthly gross income of \$13,395.00. Their Water 1,194.50 records show that last year they paid Bu... 07:56 N .Ill 94% Tugas 1b (...6,7,8).pdf - Read-only O K 71 ... This account does not allow e... V Problem The supply function and the demand function of a good are given, respectively, by 6 P=Q+8 ... hey please help me. Determine the Mean Value of the function given by v= 50 + 14sin (EN j over the interval [0, 12] hello i really need help on these sums quick. 2. The first three diagrams in a sequence are shown below. The diagrams are made by drawing lines of cost... business mathematics. Question 22 (1 point) Arithmetic averages are used, when: Values are clubbed into different groups C Values ranges from smaller to bigger please help me. Expressing Fractions to Lowest Terms Find the LCD of the rational expressions. (Show your solutions) (5 points each) 1. 6 / a, 9/b 2. x / 15a, y / 5b 3 5x 8 2 X -9 4x-12 4 3x 2x x +4 5... Perform 3.42-12.5 on 10-bit float: Convert to 10-bit float: Enter the answer as a 10-digit binary string with no space 3.42 = -12 5 = Standardize and subtract. Renormalize if necessary. Be sure to kee... Please help it is for an exam. QUESTION 2 12 cm 11 cm 9 cm The diagram above, not drawn to scale, shows three triangles, ABD, ABC and BCD are right angled triangles. AC = 9cm, A... Prove that for all integers x, if there exists an integer k such that $y \ge x+110 \forall x \in \mathbb{R}, \exists y \in \mathbb{Z}$ such that $y \ge x+110 \forall x \in \mathbb{R}, \exists y \in \mathbb{Z}, \exists y \in$ $\in \mathbb{N}$ such that ?... + C Amy gets paid \$2 for every page she types. Which graph shows this linear pattern? Chapter 2 (Section 2.1 and 2.2) 4. Let f(x) = |x - 1| + x 2| + 2 3. (a) Write f(x) as a case-defined function. (b) Sketch the graph of f(x). (Suggestion: You may try to use the GeoGebra applet Grap... Bb Chapter 1. Limits - 2021 Fall Ane WeBy ffectiveUser#24056521 C A webwork.qcocuny.edu/web AOL Mail My Best Buys Cred. i Apps . IBM @ Citrix & Click to Call & Dont Remote Logged in as 2405 WE... 1.)Examine the graph made from the data and determine if there are relationships between the variables of foot length (cm) Leg Length (cm) Leg Length (cm) Jake Bramlish 26 105 Julia Ben... Question 6 of 10 The value of a 7 year lease that requires payments of \$750 made at the beginning of every quarter is \$18,200. What is the nominal interest rate compounded quarterly? % Round to two de... (a) Find a general solution to the following differential equation. y" + 3y' + 2y = sin(e]) (b) Determine the interval of validity for the following initial value problem. y'(x) = y'(x), y(0) = y... There are 3 balls in an urn with the numbers 1,2,3 written on them. One draws two balls ... i need to know two ways sarah could have made the image using a single transformation. 2 Sarah uses a digital art program to draw figure Y and its y image Y'. What are two ways Sarah could have made t... Given a hypothesis class H, the VC dimension, V C(H) is defined to be the size of the largest set that is shattered by H. If H can shatter arbitrarily large sets, then we say that V C(H) = co. 4.1 ... Modified Harmonics A taut string is tied down at both ends. Assume that the fundamental mode of oscillation of the string has a period T0. For each of the changes described below give the factor by wh... how do i find the answer to these two questions? I know that "distance = speed x time" but that did not give me the correct answer.. 7. Roger travels at 50 km/hr for 45 minutes and then travels at 85 ... Explain in details your answer. . Consider the vote count of another election shown below. Candidate I 950 votes. .. If you are dealt 5 cards out of a stande deck of 52 cards, how many possibilities for the 5 dealt cards have no aces? Please help with this problem!. "Content creators" are torn between endorsing Twitch versus endorsing YouTube. Therefore, we set up a differential equation model to see which company wins mo... Topic: Topology (homeomorphic) Think of: 1. two pairs of things that are topologically equivalent 2. three pairs of words (3-, 4-, 5-letter words) that are topologically equivalent Homework i Saved Aunt Sally's "New Orleans Most Famous Pralines" sells pralines ... (10 marks) An insurance policy covers insureds with two levels of risks - de- noted by Level 1 and Level 2. Each insured will have at most one claim. The probability to make a claim and the severit... Hi i need help with Attachment #5 Q 2b highlighted in green. I really appreciate any help. I will be sure to leave a good rating! The question is (find the measures o variability (range, IQR, ... Please provide Handwritten answer. Advanced Math Given the function: f (x) = -L < <0 L, 0<x<L a) Graph the function. b) Determine its fundamental period. c) Obtain the expression for the F... This is the answer to part (a) I just need help with part (b) the LP method which is highlighted in bold. A team at Bradley Park Hospital is involved in a process improvement project involving six m... Please show work.. Activity Optimistic redecessor Time(days) Timle (days) Time (days) A 20 25 35 - B 3 5 7 A C 8 9 15 B D 16 17 18 A E 7 10 13 D F 2 2 4 C, E G 4 5 6 B a) Plea... Do not have to answer all the parts but any help would be greatly appreciated. I am struggling with these practice guestions ... (45 pts.) ODE solving. The follow. descri... In the following model, X' = aX + cX3 - d, which term or terms represent rates of interactions? aX, cx3 yar: Es la cantidad a invertir en el periodo posterior a la inicial Dado el problema anterior 1. Formulen una restriction para qu... could you help me with this problem A is the circle where |z| = 1 and B is the circle where |z - 1| = 1. Now let $C = e \pi i / 3 = 21 + i 3$ be the intersection point in ... As climates change in 9 over time, 9(t) 2 at where c is the rate of climate ... It's Numerical Analysis. Please and thank you. . 7) Consider the matrix 7 - 4- A = () --5 3 a) Is there a 2×1 vector x such that IIAxII 2 8||x||? If yes, find one; otherwise explain why one does ... What's More Exercise A. Illustrate systems of linear equations given the following characteristics. 1.) coinciding lines 2.) intersecting at one point 3.) no solution 4.) same slope and same x - and y... A truck moving at 90 km/h stops in 0.4 minute. Calculate the distance it travels. If the rate of transmission of an additional case of covid-19 is 0.3 per day starting February 15, 2020 with three cases, that is f(x) = log1.3 (x) + 3, after how many days it will become 109 Million... The additional amount you need to cover your 5-year budget costs (P) en hours 52 mins Leigh borrows \$35 000 to complete home renovations. Compound interest will be charged at the rate of 4.6% per annum, compounding monthly. If Leigh makes monthly payments of \$1529.24, ... please help i am not sure what to do . Solve the following system using Cramer's rule. 3 x1 + 5 12 = 4 - I1 - 2 15 = = Number DO = Number DO = Number Please write all the steps clearly. Thank You. (3) Evaluate the following integral of F = ix sin y + 3×2
+ kz cosy over a sphere of radius cent... A ramp is constructed in two sections with the same slope. the first section has a rise of 12 feet and a run for the surface integral of F = ix sin y + 3×2 + kz cosy over a sphere of radius cent... A ramp is constructed in two sections with the same slope. The first section has a rise of 12 feet and a run for the surface integral of F = ix sin y + 3×2 + kz cosy over a sphere of radius cent... A ramp is constructed in two sections with the same slope. The first section has a rise of 12 feet and a run for the surface integral of F = ix sin y + 3×2 + kz cosy over a sphere of radius cent... A ramp is constructed in two sections with the same slope. The first section has a rise of 12 feet and a run for the surface integral of F = ix sin y + 3×2 + kz cosy over a sphere of radius cent... A ramp is constructed in two sections with the same slope. The first section has a rise of 12 feet and a run for the surface integral of F = ix sin y + 3×2 + kz cosy over a sphere of radius cent... A ramp is constructed in two sections with the same slope. The first section has a rise of 12 feet and a run for the surface integral of F = ix sin y + 3×2 + kz cosy over a sphere of radius cent... A ramp is constructed in two sections with the same slope. The first section has a run for the surface integral of F = ix sin y + 3×2 + kz cosy over a sphere of radius cent... A ramp is constructed in two sections with the same slope. The first section has a run for the surface integral of F = ix sin y + 3×2 + kz cosy over a sphere of radius cent... A ramp is constructed in two sections with the same slope. The first section has a run for the surface integral of F = ix sin y + 3×2 + kz cosy over a sphere of radius cent... A ramp is constructed in two sections with the same slope. The first section has a run for twe for the structed in the sur of 67 feet. The second section has a run of 98 feet, what is the rise? Help needed with problem set. A sample of size n = 10 is drawn from a population. The data set? range = W... To watch the CvC match at The Park, Labasa fans and Ba fans hired vans and buses. The Labasa fans hired and filled 10 vans and 2 buses with 420 people. The Ba fans hired and filled 8 vans and 1 bus wi... Specify the number of terms and factors in each expression, then list them. 8cf 21. Terms: 22. Factors: A2 Chi2 & sec. 3.1 F20 Mathi 121 x G C G 6 webassignment-Responses/submit?dep-275642148tags=autosave#question4570683_10 12. [0/2 Points] DETAILS PREVIOUS ANSWERS BBUNDERSTAT1... In a very large city, network TV has 30%, and 10% are viewing video cassettes. What is the probability that among se... Please help with the solutions to this problem.. Note that historical accounts vary on the total number of antiaircraft searchlights used — either 130 sea... QMS110-Applied Mathematics for Business Daniel Abiodun E Homework: 2-B... Question 6, *Review Exe... HW Score: 17.81%, 3.56 of 20 points < Save Part 1 of 3 O Points: 0 of 1 D, and a count searchlights used — either 130 sea... QMS110-Applied Mathematics for Business Daniel Abiodun E Homework: 2-B... Question 6, *Review Exe... HW Score: 17.81%, 3.56 of 20 points < Save Part 1 of 3 O Points: 0 of 1 D, and a count searchlights used — either 130 searchl E, and F own a busine... 9 of 13 Q + T A v v 215 3. DO NOT WRITE IN THIS AREA P(2m) O(5m) 2h h Figure 1 A ball P of mass 5m. T... How many coats need to me sold for profit budget?. Question 12 (2 points) Listen Tumble Company sells coats for \$160.00 each. The variable costs per coat are \$79.25 and the fixed costs per month a... i sabe que la media de los estudiantes de campus en línea para Tecmilenio es de 598 alumnos, con una desviación de 23 alumnos. Si sabe que la media de los estudiantes de campus en línea para Tecmilenio es de 598 alumnos, con una desviación de 23 alumnos. velocity of 16 meters per second can be modelled by the equation h=15t-t². In the equation, h is the height in meters of the project... Find the measure of the indicated angle. B 4.1 km 6.5 km A 6 km C Diagnostic s in Statistics questions will be shown to you again at the end of this test. You have held 13 questions so far. The table below shows all possible outcomes when three cubes are chosen from... I need some help. I went to the store and saw three red shirts for \$22.95 and six green shirts for \$20.52. If I want to buy the cheapest shirt, which should I pick? Please help with Problem 2,3,4 Thank you!. (40 points) Suppose a variable X that describes the return (gain) of an asset can take the values -0.5, 0.1, or 0.5. The probabilities associated with each ... (20 marks) (adapted from 7.16 in Holmes, 2009) Consider a straight, Visco—elastic (general lin. model) bar of length infinity with one (left) end, i.e. the material coordinate satisfies 0 S A &... Suppose that, for f: R? > R2, f([;]) =], f(19]) = [3], and f ([:]) = (a) (4 points) Could f be linear? Justify your answer. (b) (4 points) Could f be linear? Justify your answer. (b) (4 points) Could f be linear? Justify your answer. (c) (4 points) Coul Determine the real parameters a and b so that the function f: R - R can be derivative on R, where the function is defined through f (x) = $(2 - a)x^2 + b$, x52 (2ax3... Find the domain and range of the given function g(u)=13-u^2 4 pts Union Healthcare System Balance Sheet 12/31/17 ASSETS Current Assets 2017 Cash 2016 Accounts Receivable \$ 85,000 \$ 300,000 75,000 Less Allowance for Uncollectable Accounts \$ 150,000 Inventory \$... Task 4: Naive Gaussian elimination solver (10 pts) Implement as a Python function named GausselimationSolver.py, the naive Gaussian elimination solver for square matrices and no pivoting found in the ... Payment of Invoice Scenarios 1, 2 and 3 values with explaination. 3. Pay this invoice in the foreign currency under 3 different scenarios. Show your work. For each scenario, explain the impact upon yo... The dumpster D of the truck has a mass of 2100 kg and its center of gravity is at G. The dumpster D of the truck has a mass of 2100 kg and its center of gravity is at G. The dumpster D of the truck has a mass of 2100 kg and its center of gravity is at G. The dumpster D of the truck has a mass of 2100 kg and its center of gravity is at G. The dumpster D of the truck has a mass of 2100 kg and its center of gravity is at G. The dumpster D of the truck has a mass of 2100 kg and its center of gravity is at G. The dumpster D of the truck has a mass of 2100 kg and its center of gravity is at G. The dumpster D of the truck has a mass of 2100 kg and its center of gravity is at G. The dumpster D of the truck has a mass of 2100 kg and its center of gravity is at G. The dumpster D of the truck has a mass of 2100 kg and its center of gravity is at G. The dumpster D of the truck has a mass of 2100 kg and its center of gravity is at G. The dumpster D of the truck has a mass of 2100 kg and its center of gravity is at G. The dumpster D of the truck has a mass of 2100 kg and its center of gravity is at G. The dumpster D of the truck has a mass of 2100 kg and its center of gravity is at G. The dumpster D of the truck has a mass of 2100 kg and its center of gravity is at G. The dumpster D of the truck has a mass of 2100 kg and its center of gravity is at G. The dumpster D of the truck has a mass of 2100 kg and its center of gravity is at G. The dumpster D of the truck has a mass of 2100 kg and its center of gravity is at G. The dumpster D of the truck has a mass of 2100 kg and its center of gravity is at G. The dumpster D of the truck has a mass of 2100 kg and its center of gravity is at G. The dumpster D of the truck has a mass of 2100 kg and its center of gravity is at G. The dumpster D of the truck has a mass of 2100 kg and its center of gravity is at G. The dumpster D of the tr magn... Define what is logic? 2. What is Theorem 3. Example of theorem formulated by Pythagoras 4. What is a proof? 5. What is a Proposition? 6. What is a Proposition? 7. What is Conjunction? 8. W... Date Page contract for 200 teaching days per year. 81. of annual salary on the first day of ss 1-1 of annual salary for each of 20 two well pa 21. of annual salary of end of the best pay perio annual ...
This question: 1 point(s) possible A woman deposits \$280 of her quarterly check into an accou... 2.(f) please. 2. Assume an unlabelled dataset, {x) ER"} "Ti-1: with sample mean, * = 15 " Linx!" and an orthonormal basis set {uil em)" Ijen where d < m. We have inv... WCS Classlink Dashboard Tennessee 4 Me - Fr. Freckle Student Da. Air Jordan 1 Retro'- Follett - The Lemon.. Classes @ Epic | Ine L O FRACTIONS Multi-step word problem involving fractions and multiplic... Ihatag ang kolor ug kantidad sa simbolo sa sumunod nga kwarta. I had asked the above question a few hours ago and someone had answered it as follows: But there's no explanation to the steps from t... Printing A bound book weighs 1g b. How many pounds will 20 carton of 12 books each weigh? A particle moves in a straight line and has acceleration given by $a(t)=6t^2 + 1$. Its initial velocity is 4m/sec and its initial displacement is by S(0)=5 cm. Find its position function S(t). Please provide Handwritten answer. Express line element $ds'^2 = c^2(dt')^2 - (dx')^2$ in terms of the differentials dt, dx in the in which case 0 = wt, w = constant. Concluding that, $ds'^2 1 - (22 + y^2)^2 cad...$ help me answer this, do use the long method a. Eliminate the arbitrary constants in the equation: $y = 3x + Ge^* + ce-x$ Semistable equilibrium point at X = 0. Determine the stability of this equilibrium point. b) Use graphical methods to fin... Group Five 1. Explain why the concept of elasticity of demand should be of interest to those in business who have to make choices about the price at which to sell their products. 2. Explain why it is ... In Part A, you are asked to write a brief summary on the topic of 'Learning', https://... Help needed with these problem sets. Find the first and third quartile for the data shown For the data shown For the data shown to the right to determine the semiannual payments with 7% interest are compounded semiannually for 6 years to accumulate \$68,000. A p = nt -1 The semiannual invested... Find the smallest integer value of c such that $y = 2 \times 2 - 4x - c$ has at least one real root. Please provide Handwritten answer. Solve the PBV du du a -u O<><a7, t>0, a>0 012 a at u(0, t) = 0, u(an) = 0, t>0 du at =0, 0 <><a7, t>0, a>0 012 a at u(0, t) = 0, u(an) = 0, t>0 du at =0, 0 <><a7, t>0, a>0 012 a at u(0, t) = 0, u(an) = 0, t>0 du at =0, 0 <><a7, t>0, a>0 012 a at u(0, t) = 0, u(an) = 0, t>0 du at =0, 0 <><a7, t>0, a>0 012 a at u(0, t) = 0, u(an) = 0, t>0 du at =0, 0 <><a7, t>0, a>0 012 a at u(0, t) = 0, u(an) = 0, t>0 du at =0, 0 <><a7, t>0, a>0 012 a at u(0, t) = 0, u(an) = 0, t>0 du at =0, 0 <><a7, t>0, a>0 012 a at u(0, t) = 0, u(an) = 0, t>0 du at =0, 0 <><a7, t>0, a>0 012 a at u(0, t) = 0, u(an) = 0, t>0 du at =0, 0 <><a7, t>0, a>0 012 a at u(0, t) = 0, u(an) = 0, t>0 du at =0, 0 <><a7, t>0, a>0 012 a at u(0, t) = 0, u(an) = 0, t>0 du at =0, 0 <><a7, t>0, a>0 012 a at u(0, t) = 0, u(an) = 0, t>0 du at =0, 0 <><a7, t>0, a>0 012 a at u(0, t) = 0, u(an) = 0, t>0 du at =0, 0 <><a7, t>0, a>0 012 a at u(0, t) = 0, u(an) = 0, t>0 du at =0, 0 <><a7, t>0, a>0 012 a at u(0, t) = 0, u(an) = 0, t>0 du at =0, 0 <><a7, t>0, a>0 012 a at u(0, t) = 0, u(an) = 0, t>0 du at =0, 0 <><a7, t>0, a>0 012 a at u(0, t) = 0, u(an) = 0, t>0 du at =0, t>0 du at =0 numbers, followed by 3 letters, followed by 3 numbers. How many different standard plates are possible in this system? (Assume repetitions o... A current poll has Candidate B by 46% to 42% with a margin of error of 3.5%. Confidence intervals are created by adding and subtracting the margin of error to the point estimate . Calibri + BIUAN + E !! 2 1 1 16 1 1 1 5) (5 points) In 2009, Bob makes a certain salary. In 2010, Bob gets a raise so that his salary increases 8.5%. Then, in 2011, the company goes through some diffi... Would like to see how work is done.. 4. If P(A) = .7, P(B) = .45 and P(A or B) = .2, (A) P(A or B) = .2, (A) P(A or B) = .2, (B) P(A or B) = .2, (C) P(A or B) = .2, (D) P(A orand not B) = .5 (E) P(A and B)' = P(not(A and ... plz help asap. this is in discrete mathematics. plz make sure your writings are clean and understandable. thank you . 1. Let G be an undirected looped graph with a loop at every vertex. Show that ... 0 Question 14 v < > E 0/5 pts '0 65535 8 99 O Details a:(t) = -4 - 2.1 Find a plane containing the line y(t) = 5 - 7t and orthogonal to the plane -a: -6y + 42 = 4 2(t) = -4 + 41... (10 marks) Consider rotation around the z-axis, X = Q(t) A where Q is the rotation matrix cos(wt) - sin(wt) 0 Q(t) = sin(wt) cos(wt) - sin(wt) cos(wt) applied math question. In this MATH336 assignment problem, consider the LP (P) max -x1 + 2×2 8 61 - 12 VIAIA 18 T1, T2 0 Add slack variables X3, 24 to convert the ... Question two Consider a model of the sealed-bid auction. Assume that we have n players (n>1). Let vi be the value player i attached to the auctioned item. Each player i submits a sealed bid bi. Ass... The value of ABC cellphone is decreasing by 5% per year. If the cellphone is worth of Php 78,000 today, what will it worth in five years? Find the optimal solution. Indicate if there are any special cases. More... You are buying a used car and have determined that you can afford a down payment of \$2,500 and end-of-month car loan carries interest at 6% compoun... find quadratic equation. 1. The roots of a quadratic equation are 8 and - 8. what is the equation? Are the following independent or dependent events? -Choosing a green M&M from a pack and buying a winning lottery ticket -Paying off a loan and walking in the rain -Choosing a card from a deck... Please provide Handwritten answer. 2. (a) What is convex linear combination? (b) What is convex linear combination? (b) What is convex linear combination? is a convex set in R" A large part of rural India is dependent on "hand pumps" for their water needs. These work well for water depths up to 30 meters and do not need much maintenance. Electric/diesel pumps that work beyon... Show that all norms on IR" are equivalent in the sense that, given two norms, say | . a and | . , there exist positive constants m and M such that mllalla < 1 allo < Mllalla, for all r E R&q... recall that a nonlinear program takes the form min f(:r) s.t. 92'(311<: 0, i6 {1,...,m}, for some functions f, 91, ..., gm : R" -> R. Now, consider the following integer program: {I... Please provide Handwritten answer Advanced Math The 3-square code has parameters (15, 9, 3)2 For an integer $k \ge 1$, explain how a k-square binary code works and give its parameters. An issue of Taunton's Fine Woodworking included plans for a hall stand. The total height of the stand? ... Sir i am stuck for this question . Suppose dim(V) = n. Which of the stand? following is correct? Select one: O a. Every set of n vectors is linearly independent O b. Every set of n - 1 vectors is linearly independent? Write all zeros if it is, or if it is linearly depe... Problem 3.3. o Formulate the problem by hand. o Use Excel to solve and include all reports. o What is the minimum profit Store 3 needs to produce to not be shut down? Explain your method.. 3.3 T... The above diagram show the equilateral OAB in the complex plane. O is the origin and, The points A and B represent the complex numbers alpha and beta respectively. Let w = cos(pi/3) + I sin(pi/3). W... circle described above. For the incidence matrix, let the first row correspond to the edge connecting nodes 1 and 2, the second row correspond to the edge co 4 sub-intervals gives the value 1.75 for for f(x) dx. business mathematics. LCD of two or more fractions is the lowest common multiplier of their denominators True False how to I solved this problem?. Direction: Find the Mean, Median and Mode 1. In the exams given to the top 40 students, the following scores were obtained: 33 - 54 59 43 31 51 29 $64\ 55\ 35\ 31\ 31\ 46\ 61\ 3...$ Consider the Laplace's equation Uxx + Uyy = 0 within the rectangle [0, 3] X [0, 2], subject to u(x, 0) = x + 9, u(x, 2) = 0, u(0, y) = 0, u(3, y) = 0, u(3, y) = 0, u(3, y) = 0, u(3, y) = 0. One solution is u(x, y) = an sinh nn(2 - y) nux s... The volumes of two
similar solid cylinders are 4752cm3 and 1408cm3. If the area of the smaller cylinder is u(x, y) = 0, u(3, y) = 0, u(3, y) = 0, u(3, y) = 0. 352cm2 find the area of the curved surface of the larger cylinder . How much energy will be required by a gasoline powered car to drive 3000 miles across country Versus an electric car (a) Two products A and B are made involving two chemical operations for each. Each unit of product A requires four hours on operation machine I and three hours on operation machine II. Each unit of pr... x Points: 0 of 1 A passbook savings account has a rate of 7%. Find the effective annual yield, rounded semiannually. i Click the icon t... Elliptic Curves: Let Es(1,1) be an elliptic curve defined over Z5. Es(1,1): y' mod 5 = x3 + 1 mod 5 a. Try to find all points on Es(0, 1). b. Please verify whether (2,2) is the generator of Es(0, 1... Suppose you work at an FMCG company that recently launched a new fabric whitening product called 'Excalibur'. The marketing team has come up with the following two taglines: Tagline A reads 'Purer ... 3.20. Obtain an expression for the value op at a point P of a scalar function d that satisfies V2 = 0, in terms of its value and normal derivative on a surface S that encloses it, by proceeding as fol... The box-and-whisker plot shown below represents students led scores on ME. All's history usL. History-Test Scores 52 76 1 84 7 92 1 100 What is the range of scores for the history test? b) What is the... The hardwork you put in will always be treasured and continu Keep on. Podayon.@ MELC 3-4 Direction: Find the unknown principal P. rate r, time t and compound interest /, by completing the table. Matur... (a) (4 points) In order for an equilibrium point to have rotation, the eigenvalues of the Jacobian at that equilibrium point must be com- plex, i.e., cannot be real. Why is this true? (Hint: Consid... Solve the multiplication problem 237 X 43 in three different ways: by using the common method, by using the common method, by using the partial-products method, and by writing the numbers in expanded forms and using propertie... In this question, you will find the leastasquares line, y = Ax + B through the points (I), 73}, (1, 2).. (3, 3) and (5, 1) and (5, 1]. The error (sum of squared errors) is a function of at: 3 + y: 1:: 1 u=x3 fer x3+y'=1 has at mast ene solution. HINT: Use the divergence th... To earn a master's degree, a student must have 32 units of credit. Tim has 40 units of credit, so Tim will earn a master's degree two pipes are used to fill a swimming pool.the large pipe could fill the pool of both pipes were used? Identify the set whether they are equivalent, equal, intersecting, disjoint or subset 1. Set of rational numbers and set of real numbers. 2. Set of positive integers and set of negative integers. 3... (a) (4 points) Could the function graphed below produce chaos if iter- ated? Briefly justify your answer. 0.8 0.6 0.2 0.2 0.4. 0.6 0.8 10 (b) (6 points) The atmosphere is a chaotic system. Why is i... (c) Use the results of part (a) to compute the sample mean, variance, and standard deviation for y, the percent of successful Canada goose nests. (Round your answers to four decimal places.) y 39 157.... What's the difference between all large-sized products and small-sized products and small-s what you are counting by on each axis. How much should a healthy Shetland pony weigh? Let x be the age of the pony (in months), and let y be the average weight of the pony (in kilograms). X 3, 6, 12, 18, 23 Y 60, 95, 140, 160, 175 Over a period of 20 years, the number of bartenders and ministers in a city both increase I need help solving and showing the work for these problems 9. As part of your retirement planning, you purchase an annuity that pays 2.9% annual interest compounded quarterly... 1. Suppose the pass rate in a subject used to be %50. Then in one semester the midsemester test was replaced by an assignment and in a sample of 145 students only on the pass rate in a subject used to be %50. 12 passed what is the test stat ... Hi, I'm a bit confused about this question. It seems C is the only correct answer as A can be zero matrices. However, I'm not sure about it. Could you please check it for me? Thank you. Q4 1 Point Con... Trying to find x. Stimulus 4.1 Understanding Systems, Substitution Method Use the system of equations below to answer the following questions. 2x + 3y = 15 x - 3y = 3 . x Take a Test - natalie carter C Refer To The Table On The Right, Which Sh... SOLUTION: one million tickets are sold for a.. MA 105-04 Finite Mathematics (1) E Quiz: Quiz 5: Review Question 5 of 1... Question 1(c) 3 marks Bob has choices with his \$36,000 that he wants to invest. He decides to invest in one riskier investment which pays interest at 5.5% pa. and another safer investment which pays o... You are considering taking out a \$5000 loan for 30 months at 5.5% APR and want to know the monthly payment. a. Indicate the strategy that will you use in part b by circling one of the following: o I w... A linear, real-valued system x = x has the associated flow $\varphi(y) = e^t * y, y \in R$ in continuous time. Describe the dynamical system associated to the time-one map, i.e., the map connecting each p... Problem 7: In the diagram, the dashed lines are parallel to the x axis. The y magnitudes of the vectors are A = 8.1, B = 4.1, D = 1?, and F: 17. The angles, in L: degrees, are 6A = 30.0, 63 =53.0, ED ... please do this for me and tell me what you did and please please do it right tanks. . (25 pts) Define $f: [0, 1] \rightarrow R$ as follows: 12-i, te (0, 1] f(x) = 0, t = 0 Is f continuous at 0? Justify your answer. An LTI system is described by y(t) + 6y(t) + 6Find the zero state component of the response if the i... In this problem, we'll introduce another method of finding the second solution when the roots of the indicial equation are repeated (or differ by an integer). Recall that we used the method of red... Part C: Problem Solving 1. Determine the exact value of tan 12 by using the subtraction compound angle formula. (5 marks) For f(n) = 2 n and g(n) in (i) - (v), determine if f ϵ O (g), g ϵ O (f), both or neither. i.) 3 n ii.) 2 n + 4 + 2 n ... A distituantian in a hospital is to arrange a special diet using three foods, L, M, and N. Each ounce of food L contains 10 units of calcium, 10 units of vitamin A, and 20... Complete the operations. (ac - 7) (2 + 4) What will the coefficient be for the variable with an exponent of one ? Which of Horney's neurotic trends is Samara demonstrating? a, Samara is displaying the Moving towards people trend or the Compliant trend. She craves attention and affection. She wants so badly to ... 1. Write the largest and smallest positive machine number in binary that can be represented in double precision. 2.If x, y, and z are machine numbers in a 32-bit word-length computer, what upper bound ... X M British Columbia Institute of Tech x + onSheet Help | Mohammad Jowkari [AD120 Gradebook Remaining Time: Select the correct loops to simplify the ginsen function in SOP (sum of products) form: Note... What is the amount of premium/discount amortized or accumulated for the second payment interval of a \$1500 bond that sold for \$1627.32? The bond rate is 6.95% compounded semi-annually and the yield ra... Hi can you help me with this question. PROBLEM 2: GRAPHICAL TO ALGEBRAIC REPRESENTATION Determine the algebraic equation from the given equation from the given equation. What will be the value of w in the given equations * w+x+y+z=2 2w - x - y + 2z = 7 2w + 3x + 2y - z = -2 3w - 2x - y - 3z = -2 O B. 3 O C. -2 O D.1 Let X be a set and f: X - X be a function. We say that A C X is finvariant if f(A) CA. We say that A is f-indecomposable if A cannot be expressed as a disjoint union of non-empty f-invariant subspace... answers quickly. 7 JIj-JI Q// a- Solve the following linear congruence $7x = 2 \mod 8$ b- Find the inverse for the congruence $7x = 2 \mod 8$ b- Find the inverse for the congruence $6x = 1 \mod 23$ A money market account pays 4% interest rate and the interest is compounded monthly. Find the effective rate (APY). Please, round your answer to the nearest hundredth of a percent and enter the numeri... Let f: R->R be a continuous
function such that f(x)=0 for $x \in Q$. Show that f(x)=0 for all $x \in R$ Help. 5. You purchased a brick home for \$162,500 Insurance 645.00 You had a 20% down payment and financed Electricity 1.140.37 the remainder at 8% for 25 years. Your Water 438.70 property tax rate is ... 5×5 12 X 4 3 5 2 11+ 10+ 11+ 2+ 10+ 5 2 3 4 SOX SOX 2 5 4 3 s+ 3 5 4 2 2 3 5 Your task is to create your own Kenken puzzle. The number of columns and rows should not be less than 5. Explain your puzzl... Let X, Y be sets and f: X -> Y be a function. Prove the following are equivalent: (a) There exists a function g: Y - X such that go f = Idx and fog = Idy. (b) f is bijective. Use the savings plan formula to answer the following question. Your goal is to create a college fund for your child. Suppose you find a fund that offers an APR of 7%. How much should you deposit mont... A salesman whose home is in Dallas, Texas, leaves Shreveport, Louisiana, heading east for Jackson, Mississippi. He drives 220mi trip at a steady speed, arriving in Jackson exactly 4.25hr after leav... 2) Tiga Pembangkit Listrik Tenaga Air (PLTA 1 - 25 juta KWh, PLTA 2 = 40 juta. KWh, PLTA 3 - 30 juta KWh. PLTA-PLTA bu menvuplai listick ke tiga kota kota... please help me with the following. Question 3 3.1 A water tank is 5m tall and has a diameter of 3,5m. Calculate the volume of the tank. Use 7 = 3, 14. 3,5m 5m 3.2 Convert the answer to liters. Use 1m3... Matt makes a payment of \$1,800 now, when should he make a second payment of \$1,700 if mo... I cant understand why C(7+2-1,2) not C(7+2-1,2-1). There are balloons (possibly of the same color) and each person's selection is d... 1. Consider the following optimization min ||Ax - bll1 +)||Ball1, (1) CERn where b E Rm, A E Rmx", and B E RPX" are given. The optimization problem arises frequently in image processing... true or false. if false provide counter example . 5 (a). Let $f : X \rightarrow R$ be a function defined by f(a) = -10 and ... in depth description of the five foundations along with the purpose and importance of each step Part B: Thinking Create a polynomial inequality that satisfies the following criteria. Include a sketch of the equivalent function as a graphical solution of your inequality and use it to justify your... The time is in hours, and the priority list is A, B, C, ..., J. Imagine there are three crews available. (a) Draw the graph for this project. (b) Show that the time to completion is 12 hours. (c) N... Construct 10 directed graphs with five nodes that in each case form a single loop, such as N1 \rightarrow N3 \rightarrow N4 \rightarrow N2 \rightarrow N1, and contain no other edges. How many different graphs of this type are... #1 Solve for x 2/x+2 +1/5=6/x+5. A. x=0 B. x=-13 C. x=13 D. x=0 and x=13 #2 Classify the solutions of 1/x+4 + 1/2 = 1/x+4 as extraneous or non-extraneous B. x=-4; non-ext... A veterinarian uses 960 feet of chain-link fencing to enclose a rectangular region and to subdivide the region into two smaller rectangular regions by placing a fence parallel to one of the sides, as ... How to derive second order accurate finite difference approximation for the mixed derivative u xy. I know how to derive using taylor series expansion step by ... Hi there I need the response to this question step by step. S = 9 F = 7 D = 8 thanks in advance . Q1 (a) [20 Marks] Find the impulse response of the system described by the following differential equ... Let (X, R, < ., . >) be a finite-dimensional inner product space. Our objective is to understand recursion relations similar to what we see in RLS and the Kalman filter. With that in mind, let {... Use the divisible rules to identify whether the numbers below are divisible by 2, 3, 4, 5, 6, 9 or 10. • 540 • $264 \cdot 138 \cdot 1546$ please Find all the factors of the following numbers 1. 48 2. 36... Find the general solution of the system of equations. Describe how the solutions behave as (+ co. (a) x' = X (c) x' = X 4. Solve each initial value problem. Sketch the trajectory of t... (20pts) How many five digit numbers (including leading zeros) are there with no digit appearing exactly 3 times? MA161 - discrete mathematics. Find the ged(2 387, 2436) O 2438 O 2336 O 24387 O 23367 Multiple Linear regressions are performed? 1. Two equations containing sales as the dependent variable and brand as the independent ... find the principal value if the integral: 2. (Problem 9.25) Find the principal value of the integral, sin x J-00 (12 +9)(x-2) dx. (Don't forget that the residue theorem works slightly differently whe... The graph to answer the E B questions below. Determine an Euler path that begins with vertex A D C A partial path has been provided. Complete the path ... dictionary definition of a word. B. 4 800 C. 9 200 D. 9 600 (SO2, AC1, AC2, AC3) 5. Which of the rules below define a function f : A - B? O A = [-1, 1], B = R, to each ac from A we assign y from B satisfyi... Your savings account has a balance of \$2513.45. You opened the account is compounded weekly at an annual interest rate of 4.35%. How much did you invest origina... que pasa a través fel punto (-6,4) y tiene pendiente de -5 Help. Page 1: Previous Page Next Page Page 1 of 35 Clicking on the hyperlink in this header allows you to access to the course D2L page and all of the links contained therein. Page 2: Question 1 (1... When money is placed in a bank account that pays compound interest, the amount in the account grows exponentially. Suppose that an initial investment of \$2000 is made into such an account and that, af... A small boat is crossing a lake on a windy day. During the same interval... Need help. A particular fruit's weights are normally distributed, with a mean of 324 grams and a standard deviation of Eli] grams. If you pick one fruit at random, what is the probability that it wi... Bryanna is a sales rep for a sporting goods distributor and receives sales commissions of 4.2% on the first \$35,000 of sales in a month, 4.8% on the next 2x^(3)-7x+7 a. titik potong pada sumbu x dan sumbu y b. selang naik dan turun c. selang cekung atas dan cekung bawah d. gambar grafik need help with d and e please. Factorization in Integral Domains 3. List or characterize all of the units in each of the following rings. Reading Questions a. Z10 Exercises b. Z12 References and Sugge... mathxl.com/Student/PlayerTest.aspx?testId=235232526¢erwin=yes Apps S Side Launch - assi... S Sony Entertainme... NBA Live Streams, NH... OUAOOO2 215 C.Murphy Fall 2021 Test: Te... proof by induction f(n)=22n-1+32n-1 is divisible by 5 With reference to the Irish Technical Guidance Document TGD of, pat L of the Building Regulations 2019 & The Domestic Energy Assessment Procedure (DEAP) version 4.2.2 Looking up conductivities ... question 01. Q) Find the general solution. dy * dx + secx(xsinx + cosx)y = secx Q) Solve the differential equation dy = 1+x2+ y2+ x2yz Q) s... The choices tor problem number 18 from the book are given below. a. 0.730 b. 0.935 6. 0.365 2. The choices for problem number 22 from the book are given below. a. 0.730 b. 0.080 c.... Carol borrows \$36,582 to help pay for expenses. The loan is for 7 years and carries an annual rate of 3.4%. If she plans to make monthly payments, how much will she still owe after 2 years? Round your... {(5, 9), (6, 7), (7, 9), (9, 6), (7, 5)} is a function. True or False? . Use the hundredths grid to answer the question. True or False? . Use the hundredths grid to answer the question. Look for fibonacci numbers in fruts that available in your locality. Write report about your obtained result The loss distribution for an insurance portfolio is given by 0 and) FX(\$)={1 a.E -B'm \$201 for some ,8 > 0 and e > 0. Calculate for this random variable (as a function of 5 and a): 1. determine ... Game theory, Nash Equilibria: . Q2 (20 Points) A (10 Points) Does the payoff matrix below have any Nash equilibria? Why or why not? Cooperate 1,-1 -1,1 Defect -1,1 1,-1 B (10 Points)... Sam borrows a certain amount of money to help pay for expenses. To pay back the debt, he makes weekly payments of \$216. If the loan carries an annual rate of 3.6%, how much will he still owe when ther... Ouestion 1. . A bug fin ds itself in a toxic environment with toxicity level T = 2m 2-4y 2. If the bug is at (-1, 2), in what direction should it ... Thanks a lot. Question 5 (15 points) A thin wire is bent into the shape of a semicircle 12 + y? = 1, x 2 0. If the density of the wire at the point (x, y) is p(r, y) = 1 + x2, find the center of mass ... Using the table below, what is the annual tax of a person earning P500,000? I need the steps of how to do.. You can buy 3 gallons of milk are 4 for \$4.44. Which is the better deal and why? The problem is just solving: 21 to the power of -3 mod 55 using inverse and Euclideans Extended algorithm Is the square of 5? Provide what is asked for. Identify the given values. Show necessary solutions. Round off ONLY in the final answer. 1)... 7(a) (6 points) Find the linear approximation to f(X, Y) = 10XY + 5X8 + 2Y at X - 1, Y = 3. (b) (4 points) Use the linear approximation to find the change in f if X becomes 1.5 and Y becomes 2.9. NOTE... please Help 1. integral fraction function. 2.sigma notation up to series five 6:29 DO LTE C Done NCC-ESC Spring 2022 Nu... Q A Name: Multiply the following numbers 10. 4.32 x.25 = 11. 10.05 x 1.3 = 12. 0.485 x .29 = Divide the numbers and carryout the answer to the 4th place 13... b) In a University AAA, there are 160 students enrolled in the Database course. In order for them to be allowed to sit for their final exam, they need to have at least 80% attendance. 20 students have... MA 161 usp. (a) Use mathematical induction to prove that 11" - 1 is divisible by 10 for all positive integers n. (b) Use the Bulclidean algorithm to find gcd (213,143) No Due Date Points 100 submitting an external tool ~ 2 hours 17 QUESTION 20 . 1 POINT Only 35% of my students show up to live class.
If there are 40 students in my class, how many show up for live lec... A continuous function f(:1?) is said to have a root of multiplicity m (assume no is an integer) at :1: = 0: if there is some 6 > 0 such that f can be written as f(:1:) = (a: - a)m¢5(a') where ... Isabel is shopping for her new car. She identified six models she likes at a local dealership. The table lists the down payment she would need to make on each car to keep the monthly payment within he... (a). Given log? 4 marks ? = 5, use the properties of logarithms to evaluate: 4 log? 1 ? + 3 log? ? 3. (b). By definition, an odd number ? can be written in the form ? = 2?... Please provide Handwritten answer. 2. Let $C = (g(x)) = (x + x^7 + x + x^* + 1)$ be a binary cyclic code of length 15. (a) Find the codeword vector corresponds to $(x^2 + 1) g(x)$ (b) Is 101110000001000 a codew... Sir iam stuck for this question only first 4 R=3. (b) Determine whether each of the following statements is true or false. Note that are within your field of view, and estimate the volume of each. List the approximate dimensions you used in for mulating your estimates, true or false. (1). There exists a power series Cant" with r E R such that it converges precisely at a E [-100, 100) (2). Consider the series, (In n=1 2n. There exists a rearrangement En on o... Prove the following statement using the proof by contradiction method. If we subtract an odd number from another odd number, the result is even can you answer this please. IV. Activity Activity 1 Direction: Perform the indicated operation. Express the answer in lowest form. 1. 2. 85 3. 94 4. 82 5 10 + + - 31 4 1 B 5 2 5. 5 15 6. 141 7. 19 20 ... A department store is having a 15% off sale on all winter coats. You purchase a winter coat for \$275. The department store is having a 15% off sale on all winter coats. located in a county with 7.25% sales tax. What is the total cost? Use the logbook function to show your approach, work, any equations and the value of variables used to calculate your final answer. The interest rate on a GIC is 4.25% compounded guarterly. What is th... full solution to solve the problem. Suatu fungsi gelombang segi empat diberi sebagai: 0 - ASXS-1 f(x) = 1 ASXS-1 N ASXSA 2 f(x+27) = f(x) i. Lakar graf bagi f(x) dalam selang of - 3x S x 5 37. ii. C... i want full answer please. 2. Aisyah menanam sayur-sayuran di atas sebidang tanah itu ia... Tentukan himpunan penyelesaian pertidaksamaan yg di berikan dalam notasi selang dan buat sketsa grafiknya -2x+5 lebih dari sama dengan 4x-3 Inclusion: Problem 1 (1 point) (a) If c(A U B) = 3, then c(A U B) = 29, c(An B) = 7, and c(A) = c(B), then c(A) = . Inclusion Exclusion: Problem 1 (1 point) (a) If c(A) = 11, c(B) = 38, and c(An B) = 3, then c(A U B) = . Inclusion Exclusion: Problem 1 (1 point) (a) If c(A) = . Inclusion Exclusion: Problem 1 (1 point) (a) If c(A) = . Inclusion Exclusion: Problem 1 (1 point) (a) If c(A U B) = . Inclusion Exclusion: Problem 1 (1 point) (a) If c(A) = . Inclusion Exclusion: Problem 1 (1 point) (a) I point) Find f(1), f(2), f(3) and f(4) if f(n) is defined recursively by f(0) = 4 and for n = 0, 1, 2, ... by: (a) f(n + 1) = 1f(n) f(1) = |f(2) - f(3)| = |f(3)| = |f(3masing adalah \$20 dan \$40.... Date 7 \ Class yperiod rcement Problem SA Analyzing Transactions Affecting Revenue, Expenses, and Withdrawals Cash in Bank Chart of Accounts Receivable- Accounts Receiv to the right of t = 1.41? b. What proportion of the area... Sir i am stuck for this question. Find the equations of the directrices. Give your answers ... Please help with this applied math question. In this MATH336 assignment problem, suppose be R", and A E Roxn where A? = -A (these are usually called skew-symmetric matrices). Consider the LP (P) ... Suppose that the speed of a car, measured in miles per hour (mph), is monitored for a short period of time after the driver applies the brakes. The following table relates the speed of the car to the ... which of the following true about its root. 7. The discriminant of a quadratic equation is 34. Which of the following is true about its roots? A. The roots are real, rational and equal. B. The roots OPERATIONS MANAGEMENT A man (call him person 1) owns a valuable painting to an art dealer who will pay R 90 000. Two friends (persons 2 and 3) who know more about the... Kindly correct the answer. c. Let A = n+1 n -: n E N). Determine the inf A. Justify all steps of your answer. = Now assume there exists real number MCI Now Ment 1 n .: 1 is the greatest lower be Mn-n... Problem 12.2: Determine the internal resisting torque in the shaft shown at A and B. Show the free-body diagrams. Assume that the shaft is fixed against rotation at the fixed against rotation at the fixed against rotation at the shaft shown at A and B. Show the fixed against rotatio only if ANT=BOT (Note: A and B are subsets of S, n is a symbol for intersection) a. Give two elemen... If \$2,500,000 was invested at 4.8% compounded semi-annually, whta payment at the end of every six months could be sustained in perpetuity? MODELS FOR STRATEGIC DECISION MAKING. Question 6 A facilitator elicits pairwise comparisons of four items from a participant. According to the word scale, the participant feels that Item 1 is moderate... Give correct answer with detailed explanation..... 1. Determine the exponential form of the Fourier series for the periodic function defined by: -2. when - 7 5×5- A(x) = \$2. when - 7 5×5-B) 1. A marketing manager plans to market and sell a certain product to improve companies profit. Which of the following can be a better choice for the manager? J... Make the following can be a better choice for the manager? J... Make the following can be a better choice for the manager? J... Make the following can be a better choice for the manager? J... Make the following can be a better choice for the manager? J... Make the following can be a better choice for the manager? J... Make the following can be a better choice for the manager? J... Make the following can be a better choice for the manager? J... Make the following conversion in the U.S. system by multiplying by the appropriate conversion factor. Write your answer as a whole number or mixed number. Help | Mohammad Jowkari (Gradebook - Remaining Tir Select the pornact loops to simplify the given function in SOP (sum of products) form: Note To select the pornact loops that wrap around the edges of th.... Task: 0 Design a garden where you have three major plants or trees that you need to water using a rotating sprinkler. Where should you install the sprinlder so that all trees and plants are reache... I need a detailed description because I am struggling. A livestock pen is built in the shape of a rectangle that is 2 times as long as it is wide. The perimeter is 54 feet. If the material used to bu... What are the connections
between mathematics and medications in the body? please help me to check this answer.. You want to have \$100,000 in the bank after 12 years. For the first 5 years, you make deposits of \$x into a savings account with 8% effective interest rate at the... X=30 only! For the input!. Where is my Line? Reset your window to a standard window by pressing [ZOOM] [6]. 11. Sometimes, you may enter an equation and not see it on the calculator screen. For exampl... b) How would you model 1. a "safe-contact" program that reduced the probability of infection per encounter? 2. a drug that slowed the progression from infection to the appearance of sympt... En el albergue de gatitos " Angelitos de Dios " la relación entre la cantidad de gatitos bebés y cachorritos es de como de 3 es a 7.Si hay 56 cachorritos. ¿Cuantos gatitos bebés hay en el albergue... I'm working on mathematical word problems in my Philosophy class, Language and Reason. I need help to understand how to solve these with an explanation, to help me understand better, and thank you so ... Net income is calculated as: None of these Net sales - costs + operating expenses Net sales + costs + operating expenses Net sales + costs - operating expenses Net sales + cost... Find the degree and leading coefficient: 1.it is a short poetry with seventeen syllables distributed over three lines, with the first and third lines having five syllables each and the second line having seven syllable The volume V of a right circular cylinder is given by V = x r h, where r is the radius and h is the height. If h is held fixed at h = 8 inches, find the rate of change of V with respect to r when r = 7... Solve this problem: a. What is the future value of an investment if payments of \$1000 are made at the end of each semiannual period for 9 years at 8% compounded semi annually b. If \$750 is deposited... prove or give a counterexample: If G is k-regular and k is odd, then G has an odd number of vertices. Topic: Graph Theory True or false. Activity 1.2 True or False Identify whether the following represents one-to-one functions. 1. Degree Fahrenheit to its equivalent degree Celsius measurement 2. Person to his/her citizen... I can't figure out C.. An Apple Computers for \$1,236.95. Assuming the computer store sells computer store sells computers for \$1,236.95. Assuming the computer store sells computers for \$1,236.95. Assuming the computer store sells computer stor problem. In each month the demand has the following probability distribution. Demand Units (D.) Probability (Pr (D.) $0.3 \ 2 \ 0.5 \ 3 \ 0.2$ The setup cost is \$5... Prove and answer the following exercises. Exercises. 1. Define f: [-5, +00] - R by f(x) = vx + 5 for every x E [-5, too]. Show that f is not onto. 2. Let A = R \, B = R \ S. Define f: A - B by f(x) = -x... Answer the following questions . 3. (From Wikipedia) The German Highway Code section on speed begins with the requirement which may be rendered in English: Any person driving a vehicle may only dri... I need help. Find the future value of each annuity due. Then determine how much of this value is from contributions and how much is from interest. Payments of \$260 made at the beginning of each quarte... Please?. Michael can lay a slab of concrete in 15 hours, while Sergio can do it in 12 hours, while Sergio can do it in 12 hours. If Michael and Sergio can do it in 12 hours at the beginning of each quarte... Please?. Michael can lay a slab of concrete in 15 hours at the beginning of each quarte... Please?. Michael can lay a slab of concrete in 15 hours at the beginning of each quarte... Please?. Michael can lay a slab of concrete in 15 hours at the beginning of each quarte... Please?. Michael can lay a slab of concrete in 15 hours at the beginning of each quarte... Please?. Michael can lay a slab of concrete in 15 hours at the beginning of each quarte... Please?. Michael can lay a slab of concrete in 15 hours at the beginning of each quarte... Please?. Michael can lay a slab of concrete in 15 hours at the beginning of each quarte... Please?. Michael can lay a slab of concrete in 15 hours at the beginning of each quarte... Please?. Michael can lay a slab of concrete in 15 hours at the beginning of each quarte... Please?. Michael can lay a slab of concrete in 15 hours at the beginning of each quarte... Please?. Michael can lay a slab of concrete in 15 hours at the beginning of each quarte... Please?. Michael can lay at the beginning of each quarte... Please?. Michael can lay at the beginning of each quarte... Please?. Michael can lay at the beginning of each quarte... Please?. Michael can lay at the beginning of each quarte... Please?. Michael can lay at the beginning of each quarte... Please?. Michael can lay at the beginning of each quarte... Please?. Michael can lay at the beginning of each quarte... Please?. Michael can lay at the beginning of each quarte... Please?. Michael can lay at the beginning of each quarte... Please?. Michael can lay at the beginning of each quarte... Please?. Michael can lay at the beginning of each quarte... Please?. Michael can lay at the beginning of each quarte... Please?. Michael can lay at the beginning of each video screen on the airplane, in addition to showing movies and news, records your altitude (in kilometers) abov... A company makes and sells bookcases. The selling price is \$54.90 per bookcases. The total cost function is linear, and costs amount to \$50,000 for 2,000 bookcases. The selling price is \$54.90 per bookcases. The selling price is \$54.90 per bookcases. The total cost function is linear, and costs amount to \$50,000 for 2,000 bookcases. The selling price is \$54.90 per bookcases. The total cost function is linear, and costs amount to \$50,000 for 2,000 bookcases. The selling price is \$54.90 per bookcases. The sel value of /CD/ in cm?. SAVE answer button to move to the next page. Question 3 (2 points) AB In the figure above, |AC|=16 cm and BC [CD] in cm? Problem 2.2 Each week, the price of oranges at the farmer's market increases by 20%. The price of oranges this week is \$4.50. What was the price last week? dollars Submit Should performance enhancing

drugs be accepted in sports? english 111 uit 10 College Mathematics. Find the area and perimeter of the shaded figure below. 1 unit 1 unit hello Ive Got a math question for you? An archer shoots an arrow at a 75 m distant target; the bull's-eye of the target is at same height as the release height of the arrow. If d = 75 m and v = 37 m/s... same graph. The two should be indistinguishable. 5. The Chebyshev interpolation points in (8.15) are defined for the interval [-1, 1]. Suppose we wish to approximate a function on an interval [a, b]. ... Let fo, fi, ... be a sequence defined by the following initial values and linear recurrence relation: fo = 1 f1 = 4 f2 = 2 for t > 0, ft+3 = 2 ft+2 + 3 ft+1 - ft Given a function of the interval [-1, 1]. the companion matrix of th... refer to image for question. 7. [-/2 Points] DETAILS HARMATHAP12 5.3.035. MY NOTES PRACTICE ANOTHER The demand function for a certain commodity is given by p = 100e-9/2. (p is the price per unit and q... Sylvia solves 6 x 9 by adding 48 + 6. Show how Sylvia breaks apart and bonds her numbers to complete the 0 0 -3 0 O O Find a basis for the row space of A, a basis for the column space... Simplify x(y" + 1) using Boolean algebra identities. Consider the following relational schema for a veterinary hospital database with a set of patients and exa... See, plan, do, look back. Learning Task 2. Solve the following problems. 1. To replace the trees destroyed by typhoon Yolanda, the forestry department of Tagaytay has developed a ten-year plan. During... A city's population is 421,906 to the nearest hundred thousand and to the nearest hundred thousand and to the nearest hundred thousand. 500,000 and 422,000 400,000 and 422,000 400,000 and $421,000\ 500,000\ and\ 422,000\ (10\ marks)$ Let K : R x R - R be defined by K(x, u) = cos(x - u). Is K a positive kernel? Please prove your conclusion. For your reference, pit + eric COST = for all a E C. 2 at least how many integers must you pick in order to be sure that at least four of them are equal modulo 5? Hint: How many equivalent classes of integers modulo 5 An equation used to describe real life relationship between two quantities I have a problem...can you help solved this equation?. QUESTION 1. The first stage transformation for three linear equations 4a-3b+c= -10, 2a+b+3c=0, -a+2b-5c=17 is -3 1 -107 0 5/2 5/2 = 5 0 5/4 -19/4... Use the numerals representing cardinalities in the first stage transformation for three linear equations 4a-3b+c= -10, 2a+b+3c=0, -a+2b-5c=17 is -3 1 -107 0 5/2 5/2 = 5 0 5/4 -19/4... Use the numerals representing cardinalities in the first stage transformation for three linear equations 4a-3b+c= -10, 2a+b+3c=0, -a+2b-5c=17 is -3 1 -107 0 5/2 5/2 = 5 0 5/4 -19/4... Use the numerals representing cardinalities in the first stage transformation for three linear equations 4a-3b+c= -10, 2a+b+3c=0, -a+2b-5c=17 is -3 1 -107 0 5/2 5/2 = 5 0 5/4 -19/4... Use the numerals representing cardinalities in the first stage transformation for three linear equations 4a-3b+c= -10, 2a+b+3c=0, -a+2b-5c=17 is -3 1 -107 0 5/2 5/2 = 5 0 5/4 -19/4... Use the numerals representing cardinalities in the first stage transformation for three linear equations 4a-3b+c= -10, 2a+b+3c=0, -a+2b-5c=17 is -3 1 -107 0 5/2 5/2 = 5 0 5/4 -19/4... Use the numerals representing cardinalities in the first stage transformation for three linear equations 4a-3b+c= -10, 2a+b+3c=0, -a+2b-5c=17 is -3 1 -107 0 5/2 5/2 = 5 0 5/4 -19/4... Use the numerals representing cardinalities in the first stage transformation for the Venn diagram to give the cardinality of each set specified. Find n ((A c \cap B c) \cap C answer choices a. 19 b. 1 c. None of the abov... Standard 1 - Functions a) Consider the function f(x) = -x + ... QUESTION #1: The approximate rate of change in the number (in billions) of monthly text messages is given by f'(t): 7.50t—16.8 where trepresents the number of years since 2000. In 2005 (t = 5) t... I. Consider the plane D region in the first quadrant, bounded by the curves y = e" + 1, y = e" and x = 0 (see picture). y = ell use materials to any web e + 1 You do not have permission ... The postman printed out a map of smeerensburg to map out his route for delivery. On the map scale, 2 inches represents 60 miles. which graph best shows the relationship between x, the number of inches... Can you please help me with the figure shown in the attached screenshot? Given A B A B A 0.3 0.7 P = and the initial-state matrix So = 0.5 0.5 0.1 0.9 find S, for the given initial-state matrix So an... Solve the following word problem by substitution only. At a restaurant the east for a breakfast taoo and a small glasses of milk is \$2.1u. The cost for 2 teens and 3 small glasses of milk is \$2.1u. The cost for 2 teens and 3 small glasses of milk is \$2.1u. The cost for 2 teens and 3 small glasses of milk is \$5.15. W... A certain scientist found herself in a lab surrounded by a green substance that she called "Green Goo." She experimented with it by playing music for it. There was 1600 ounces (100 pounds) of goo at t... TOPICS: SEQUENCES & SERIES/ INTRODUCTION TO BASIC RESEARCH SUBJECTS: MATHEMATICS /SCIENCE ENRICHMENT Look for figures to compare and link it to a theorem, type, or property of sequence and ser... please solve question 11. 5-13 DEFLECTION OF THE STRING Find u (x, t) for the string of length L = 1 and c = 1 when the initial velocity is zero and the initial velo minimax regret. Their decisions may not be exac... 18) (4 points each) Negate the following statements: 3.) I'll be back. b) I am serious and don't call me Shirley. c) If you build it, he will come. d) Nobody puts Baby in a corner. . Let $a \in R$. (i) Prove that [a, a] = {a}. (ii) Prove that [a, a] = {0. Solve the following problems. 1. A man borrowed P45,000 from a lending institution at 8.5% simple interest. Find the interest and amount if the obligation is to be settled in: a. 1- years 2 b. 30 m... Sir i am stuck for this question . 3. Study:r the nature of the series using the ratio criteria Thank you!. 22:35 7 LTE . webassign.net 8. [0/2 Points] DETAILS PREVIOUS ANSWERS HARMATHAP12 3.3.017. MY NOTES ASK YOUR TEACHER PRACTICE ANOTHER A system of linear equations and a reduced matrix for t... Application 1. A graphic arts company creates posters. [2 a) Write expressions for possible dimensions of the posters. marks] b) Write expres... Q9) The cost of the Good Son Stroller to the retailer is \$245. If the retailer wants a rate of mark up on selling price. Can you please help with this problem. The scatter plot shows the relationship between the time spent to complete the first project and the number of projects attempted in a week. 25 20 15 Number o.... In the aeronautical market, Boing and Airbus constitute a duopoly in the production of large airplanes. The American firm has the following cost structure 61% 2 0 + 31:33 + qAZa, and the Europea... Please provide Handwritten answer. To perform perspective-correct interpolation of the pre-divided-by-w red channel r, we should: A. linearly interpolate r using DDA B. linearly interpolate - using DD... A milk man had 20 litter of pure milk he removed Correlation See textbook examples: Problem 1 : A student researcher was interested in whether the number of... Use R. Project : Consider the hat matching problem discussed in class. Use any programming environment of your choice to write a script that simulates the hat-to-person matching process. Use the scrip... Brenda's sales amounted to \$1229, determine both Brenda's sales. Brenda's sales were s Yves's sales. If together their sales amounted to \$1229, determine both Brenda's sales. Brenda's sales were s Determine both Brenda's sales. Brenda's sales were s Yves's sales. If together their sales amounted to \$1229, determine both Brenda's sales. Brenda's sales were s Yves's sales. Brenda's sales were s Determine both Brenda's sales. Brenda's sales were s Yves's sales. Brenda's sales which ordered pairs are solutions of the given equation: y = 4x - 3a. (0, 3) b. (1, ... Math 131 - Final Exam Fall 2021 Name: 5. (4 points) How many times more intense is a 6.0-magnitude earthquake? a. 2 b. 3 c. 100 d. 1000 6. (4 points) Actinium-225 has a... 10) Red aerial miniflares are used by some boaters in an emergency. If a flare is fired from the height of 2 metres and reaches the maximum height of 83 metres in 3 seconds: (4 marks) a) Determine an ... Using Lehmann-Scheffe Theorem, find the UMVUE given the probability density function below:. Consider a random sample X1, X2, ..., Xn from the Gamma distribution with probability density function: f (... A student is drawing a diagram on an Etch-A-Sketch[™], as shown below. The stylus is at point A, but the student wants to add more detail at point B. To prevent ruining his diagram, he can only move t... Question Solve the following proportion. Write your answer in standard form. 8.5 x 106 3 x 107 1.2 x 103 Real Analysis T 1. (12 points) Let (f,)., be a sequence of bounded real-valued functions. (a) If In = f on X, prove that f is bounded on X. (b) If fn -> f on X and f is bounded on X. (b) If fn -> f on X and f is bounded on X. distinguishable MINUTAP Assignment 1 2 . Individual and market demand Suppose that Jake and Latasha are the only consumers of scented candles: Price Jake'... Please provide Handwritten answer. Advanced Math Q1: Solve this equations by Bessel function? a : Jo(P) = cos(p cos 0) de, p -+ 00 0 3 b : I(x) = t cos(x) (=12 - t) dt c : I(p) = cos(p) (4t - th) dt... Thank you!. \ Miami's Adult Cor Inbox (17,213) - cindy in Linked in: Log In or Sig X Search | myLU X Lu Dashboard X Module 14: WebAss Iwebassign.net Assignment-Responses/ lest/dep = 27416923 Solve e... Every two weeks, Betty makes a \$223 payment toward a car loan whose annual rate is 4.2%. If she will be debt-free in 4-years, how much interest will she nay on this loon? How do I put these functions
f(x) = 1/209 in the viewing rectangles [0, 10] by [0, 1] and g(x) = 1/209 in the viewing rectangles [0, 10] by [0, 10] b FOR YOUR GROWTH" 27. On Monday, a baker baked a total of 150 cakes and pies. On Tuesday, he baked another 50 cakes. He sold - of his pies... Determine the constants a, b, c, and d such that the quadrature formula f(x) da ~ af (-1) + bf(1) + cf(-1) + df'(1) is exact for polynomials of degree less than or equal to 3. Determine the largest va... Let fa(T) = with a E R. ax2 - 2ax + 1 (a) Find all the values of a for which the function fa (a) has a vertical asymptote at c = 1. (b) Find all the values of a for which the function fa (a) has a hor... A cake is cut into 20 equal pieces. If the whole cake is eaten, which of these fractions represents the amount eaten? A 10 B N- 8 8 - Question Alaska has 49 Starbucks for a population of 741, 204. Arizona has a population of 7.027 million. If Arizona was proportional to Alaska in number of Starbucks... step by step please. Write an expression that represents the perimeter of triangle is 90, what is the value of r? 4 4 8 9 10 11 12 Maximize -4 x+5 y for the bounded feasible region displayed above. Write a 1-2 pages (double space) report about the project: 1. The various stages of the project: 1. The various stages of the project: 1. The various stages of the project and how the final product was able to come together. What was easy/difficult? What did you like/di... Please help! . (a) Prove the following proposition: Proposition 1. Let max { cx : Ax = b, x 2 0 } be an LP in SEF. If there exists a vector y such that yTA > OT and yb < 0, then the LP is infea... help me, please. 3). Prove that if both y and z are solutions to o - lx - f, then y - z is a solution to x' = Ax. need help please, thanks... 33. In a de circuit with a constant voltage drop Find the percent that the voltage drop across the across a resistor R. the current through the resistance changes: resistor ... [-/1 Points] DETAILS BBUNDERSTAT12 3.1.026.MI. In your biology class, your final grade is based on several things: a lab score, scores on two major tests, and your score on the final exam. There ar... Question A car was bought in February 1, 2015 for \$25,000, and its value depreciates by 1.5% every single month. The value of the car m months since February 1, 2015 is given by the formula V(m) - 25,... Please see Options, Futures, Other Derivatives by John C. Hull, Chapter 25, Page 622-623, Example 25.2 for the reference. gr... Please provide Handwritten answer. Consider the following linear program min -211 + C2 12 + + C5 C'5 + = 12 s.t + 012 12 + 013 03 -I1 + (22 12 023 03 C5 2 0. and an intermediate dictionary given by 5... #1 Solve for x: 2/5 + 3/5x = x + 5/10. A. x=-3 B. x= 2 C. x= -3 and x=2 D. No solution #2 Solve for x: 1/2 + 4/2x = x + 4/10 A. x=-4 B. x=5 Base Ten Blocks, concretely demonstrate the subtraction problem: 505 - 128 The following results come from two independent random samples taken of two populations. Sample 1 Sample 2 n1 = 40 n2 = 35 X1 = 13.4 X2 = 11.3 01 = 2.4 02 = 3.4 a. What is the point estimate of the di... Help me with this pls. 16 Antara berikut, jadual nilai yaug manakah mewakili fungsiy = 3x - 19 N = 26 - 13 19 -13. How many iterations of Newton's Method are required until |g(z)| < < = 0.0001, if $g(z) = 0.1(-z^2+32-2) - 0.5$, and for an initial guess zo = 4? What is the approximate root value z* at this s... If a company's profit is \$960,000, determine the selling price of each item if the cost of production is \$ 140. Knowing that monthly sales are around 1700 units. The fixed expense of this company is ... A mathematics professor is organizing her classroom into groups for the final project. Each student will be ... ABC Ltd buys 15 used trucks at each of two truck auctions each week held at different locations. It then transports the trucks to repair shops it contracts with. When they are restored to ABC's specif... rational function for grade 12. C 7 SHOW WHY THE FUNCTION y = Ex- 3 x + 7x HAS A HORIZONTAL ASYMPTOTE ALONG y BUT THE FUNCTION 4 = 4X 3 HAS A x 2+7x HORIZONTAL ASYMPTOTE ALONG 4= 4. X Question 13 > 0/10 pts 5 99 O D Score on last try: 0 of 10 pts. See Details for more. > Next question You can retry this question You can retry this question below Let a = < 2, 0, 3 > and b = < 5, - 2, -5 > Complete the following truth table. Use T for true and F for false. You may add more columns, but those added columns will not be graded. P ~P-q 4 + ~ p p q T T DAD OVO T F 0-0 0+0 F T X 5 ? F F Please provide Handwritten answer. 2) By watson's Lemma, Dole F / L _ x. Since) I (F) = e . It. Question 35 There are two cell phone companies that offer different packages. Company A charges a monthly service fee of \$33 plus \$0.04/min talk-time. Company B charges a monthly service fee of \$14 plus 4 plu \$41 pl... Topic : real numbers , intuitive idea of set , notation , cardinality of infinite sets , uncountability , cardinality of set . Please go through the the reference to check the answer and question. Question 4: (6 marks) Let A = 0 0 1 LO (a) Use elementary row operations on the augmented matrix to find the inverse of A. (I, denotes as the 3 x 3 identity matrix.... FIND THE LEAST COMMONE DENOMINATOR OF THE FRACTIONS: 1/8, 4/5, 11/14, 11/10 Charles is 65 years of age and in receipt of a CPP retirement pension. He filed a CPT30 election form on April 15th to stop CPP contributions; his employer stopped deducting CPP contributions as of th. NOTE: Please read the syllabus as regards the marking for term work and the rationale for not allowing extensions (basically the goal to publish solutions quickly). Note that due to limited resources,... A= {5, 9, 17, 24, 43} b={A, 9, 17} Is B a subset of A? Is A QuEStiOI'I 5 [20 points]: Write linear mathematical programming models for the three following problems: Part al 1 | 13,51", IE wal + E WIT] using sequence-based formulation type 1 for the case that ... hello, please I need help to answer my homework. thanks to the one who'll gonna answer it. God bless. also, please at least it's clear and the way how you answer it. thanksss. section. LESSON 1 Scor... Communication 1. True or False: If triangle ABC is similar to triangle ABC estimate the probability that a randomly selected consumer will recognize Exxon. Report the answer as a... need help for this. Represent the following using four 4s a. 13 b 42 c. 22 d. 32 please indicate the answer and use picture file format to send the answer. On Z+, define a * b = 1 + 2ab 1. Determine whether the given operator * is a binary operation or not on the given set. 2. Sho... Alive this equation. (1+0-5426 %) 36,000 - 1,500 D . 54262. Here are the numbers of children in 9 elementary school classes. 17, 16, 19, 18, 16 Send data to calculator Find the modes of this data set. If there is more than one mo... Recall the Higgins-Selkov model of glycolysis, S' = Vo -CSP2 P' = CSP2 - KP a) Simulate this model with Vo = 0.5, c = 0.23, and k = 0.4 for three different initial conditions. How does the system ... Please provide Handwritten answer. (3) Let P be the subset poset of {a, b, c}. Fix an ordering on P and set up the matrix My. (It will be a large matrix!) Let p: P - R be the function p(X) = 1. Use ma... Prove the following; [5] (a) a sequence (In) in R is unbounded if and only if there exists a subsequence (Ink) such that In | 2 k for all k E N. (b) a sequence (Ink) such that In | 2 k for all k E N. (b) a sequence (Ink) such that In | 2 k for all k E N. newly introduced, she finds that... Hello, I need help with the following questions for a College Algebra with Trig course. please show all your work! . Use the Law of Cosines to solve the triangle where side b = 42, side c = 21 and a... You paid your annual car insurance premium of \$1,319 on a Honda Civic. After ten complete months, you decide to the triangle where side b = 42, side c = 21 and a... You paid your annual car insurance premium of \$1,319 on a Honda Civic. After ten complete months, you decide to the triangle where side b = 42, side c = 21 and a... You paid your annual car insurance premium of \$1,319 on a Honda Civic. After ten complete months, you decide to the triangle where side b = 42, side c = 21 and a... You paid your annual car insurance premium of \$1,319 on a Honda Civic. After
ten complete months, you decide to the triangle where side b = 42, side c = 21 and a... You paid your annual car insurance premium of \$1,319 on a Honda Civic. After ten complete months, you decide to the triangle where side b = 42, side c = 21 and a... You paid your annual car insurance premium of \$1,319 on a Honda Civic. After ten complete months, you decide to the triangle where side b = 42, side c = 21 and a... You paid your annual car insurance premium of \$1,319 on a Honda Civic. After ten complete months, you decide to the triangle where side b = 42, side c = 21 and a... You paid your annual car insurance premium of \$1,319 on a Honda Civic. After ten complete months, you decide to the triangle where side b = 42, side c = 21 and a... You paid your annual car insurance premium of \$1,319 on a Honda Civic. After ten complete months, you decide to the triangle where side b = 42, side c = 21 and a... You paid your annual car insurance premium of \$1,319 on a Honda Civic. After ten complete months, you decide to the triangle where side b = 42, side c = 21 and a... You paid you decide to the triangle where side b = 42, side c = 21 and a... You paid you decide to the triangle where side b = 42, side c = 21 and a... You pa sell your vehicle and use the money to cover your school expenses. Assuming no fees or o... The boundaries of the shaded region are the y-axis, the line y=1 and the curve y=\qdrt of x. Find the area of this region by writing x as a function of y and integrating with respect to y. intro to investment management. 1. As a potential investor, what would be your objective(s) and constraints? What major trade-offs do you face? 2. Why is it inappropriate to say "I want to make a... [-/1 Points] DETAILS AUFEXC4 9. 1.062. MY NOTES ASK YOUR TEACHER PRACTICE A Write an equation as part of solving the problem. An overnight mail service charges \$5.20 for the first 6 oz and \$0.95 for e... (5 marks) Consider the equation: 33"" - 5.1: - 4 = 'D (a) Can we use bisection method to solve the equation starting with the interim] [0, 2]? Justify your answer using the conditions of co... i don't even know please help . Select the correct teens to eirnpl'rly the given function in SOP [sum of products} term: Note: To select Ideps that wrap around the edges of the table, you must selec... No Due Date Points 100 Submitting an external tool Question A voter in the upcoming election has many different types of issues on the ballot. Of the issues on the ballot, 7 are school related, 10 are... Hi can you help me solve this . Solve the following equations using any of the ALGEBRAIC methods. Show ALL work and check your answers with technology. a) 9" = 31 b) 5*" = 36. A colony... In algebra, we often study relationships where a change to one variable. Describe a situation you're familiar with where one quantity changes constantly in relation t... I need the workings asap. Let A = {a, b, c, d} and B = (x, g). (a) How many (called A, B, C,... Can you show me how to answer this?. Question 4 of 6 A 7 year \$10,500 bond paying a coupon rate of 4.50% compounded semi-annually was purchased at 96.40%. Calculate the yield at the time of purchas... Attracted by the possible returns from a portfolio of movies, hedge funds have invested in the movie industry by financially backing individual films and/or studios. The hedge fund Star Ventures is cu... Without graphing, describe the shape of the graph of the function and complete the ordered pairs (0,) and (1,). f(x) = 2-x The graph lies above the x-axis, falls from right to left, with the positiv... Of 50 bank customers depositing a check received cashback. Construct a 90% confidence interval for the proportion of all depositors who asked for cashback. (round your answer to 4 decimals places) The... ** We are considering Lebesgue integral here.. Given f E L'(R), define g(2) = f(t) dt, TER. Let c > 0 be fixed. Prove that g(a + c) - g(x) dx = ... We consider the system of linear equations Ax = b where 0 5 11 A = 0 0 0 0 - 1 b = 0 0 0 0 - 1 and whose exact solution * is among the vectors (which one?) (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) St... In its second year of operation, a local Internet provider's profits (to the nearest hundred dol... (5+5) Let f(x) be defined on 0, 1). Assume that sup f(a) = too. x E [0, 1] a Show that there exists x (0, 1] such that for every 0 ... Help wanted with problem sets. Find the 5 number summary for the data shown 4 16 30 53 58 64 69 80 90 95 5 number summary: Use the Locator/Percentile method described in your book, not your calculator... Let L be the line x + y = 1 on the xy-plane with y-intercept B. Let C = (7, 2) and D be the point on L closest to C. 1 (7, 2) (a) Find the coordinates of A and B. (b) Find AB a... 1 2 V 3 4 5 6 To participate in a baseball league, the required equipment for each player is a glove, a hat, and a pair of cleats. A glove costs \$51.95, a hat costs \$18.95, and a pair of cleats costs ... Consider a farmer who produces and sells wheat (W) and corn (C). The farmer's profit function () can be represented by the following equation: Where = profit (in thousands of US\$); W = quantity of ... answer this. The wavelength of violet is 4.1 x 10 meters while the wavelength of red is 00000068 meters. Find the difference in the two wavelengths represented in scientific calculator. Each business calculator requires 3 circuit boards and 4 hours assembly time while the scientific calcu... Could someone explain?. Giving a test to a group of students, the grades and gender are summarized below A B C Total Male 16 6 19 41 Female 11 7 10 28 Total 27 13 29 69 If one student is chosen at ran... Give correct answer with detailed explanation..... 2.31. Calculate exp [Ar] for the following matrices, Use both the series-expansion and Cayley- Hamilton methods. 1 O (@) A = 0 2 0 -3 LIVE Question 7: VRAP - Variation, Ratio and Proportion 11 marks Question 7 (a) 2 marks I purchased a piece of meat from the supermarket and the instructions on the packaging said I should cook the me... Problem 2 (Convergence for random variables). Let X be a uniform random variable on the unit interval [0, 1]. Let Yn = In(X), where In is defined as follows. First, for any n 2 1, let m be the largest... Find the solution of the recurrence relation an = 4%-1 — 3an 2 + 2" + n + 3 with (10 = 1 and a1 = 4. Headlights on a car are set so the light beam drops 50 mm for each 8 m measured horizontally. If the headlights are mounted 75 cm above the ground, how far ahead of the car will they hit the ground? . Lesson 1 Principal Roots and its Nature (Rational or Irrational) What's In You have performed operations on the set of rational numbers. Now let's check your prior knowledge. A. Find the missing digit. 0 53000 30221 The results of an IQ test of a group of students in a certain college were taken and are presented in a frequency destribution below to answer questions. Zoom in to read the pages if needed. The main points established by the author. What is learned about the mathemat. A skier with a mass of 65.0 kg, including equipment, starts from rest and accelerates down a slope. The slope is 27.0 m higher at the top than at the bottom. Assume no energy loss due to friction. ... Question Find the equation of the line with slope -4 which goes through the point (-7, 2). Give your answer in slope-Intercept form y = max + b. Provide your answer below: Need b. (a) Write down the Newton-Gregory forward interpolating polynomial of the kind in (a) (b) Given the following table, find f(0.75) from a cubic polynomial of the kind in (a) (b) I f() Af AS A3f... 293124072_Linear_Relations (2).p x C O File | C:/Users/khadi/Downloads/293124072_Linear_Relations (2).p x C O F 293124072 Linear Relations (2).pdf 4/4 100% + Page | 3 MFM 2P1 9. Amirtha is going t... Hi, Please help with the following questions for theoretical mechanics Here is the diagram being referred to . A SOOg'ram drone is located yo 2 200m. above the surface of planet Q. The planet has... Brandon and Jess meet at a corner, chat for a bit then head off. Brandon walks south 15 m and Jess walks east 8 m. How far are they apart now? (Show diagrams.) (Pythagoras) Problem 1. A drug at a concentration C; is encapsulated in a permeable polymeric membrane of thickness L and area A. The spherical capsule of volume V; is placed in wellrstirreci water of volume V2. T... Consider this linear programs Minimize
Z=47x+42yZthat bye- - c, Justify all steps in your proof. ... Problem 6 (8 Points) Find the general solution of y'' - 3y' + 6y = x. Describe the level surfaces are a family of hyperbolic cylinders. O The level surfaces are a using paraphrasing tools . Treatment of Data: All data gathered by the experiment were tallied, tabulated. analyzed and interpreted accordingly. The data w... Why is it significant to pay attention and study the phenomena that seems to deviate from the observed pattern of nature? Analyze the problem. Construct a Venn Diagram and answer the questions. A survey conducted about preferred mobile cellphone brands with 300 college freshman students as respondents and it was found ou... (5 pts) Suppose in a different song, John Mellencamp wrote about Danny grew, but... Fix f > 0 define fx (x) = Af (Xx). Prove that this dilation is strongly continuous on L'(R). That is, show that lim |If - fall1 = 0. Mr. Jay is standing on a level ground, three hundred meters away from a basement/bottom of school flagpole. If the angle of inclination from the eyes of Mr jay up to the top of the flagpole is thirt pass through a junction on a busy road at an average rate of per hour. Using R, 1. Find the probability that none passes in a given minute. 2. WhatWhat is the expected number passing in two m... Please answer the following question. Question 9 (8 marks) Let f(2) = y3 - 3x y + iv(x, y), where v is real valued. If f is analytic on all of C, find a formula for v(r, y) and evaluate lim f(z) - f(... answer this and I provide some examples and the table of bisection method (pls pls follow the attachment that I gave) pls follow thiss!!!. Direction. Answer the following: Finds the roots of equat... I need help. Fraction Decimal Percent 45 0.45 45% 100 36 100 0.36 36 % 81 0.81 81 46 100 93 93% 100 0.93 11 55 % 20 0.55 9% design of wood structures. 4 (https:/maudenver.instructure.com/Tiles/0974038/download? number (e.g., 0.2 or equivalently, 20%), what does it mean? If SKEWt i... Find the weighted average of a data set where 70 has a weight of 5. Step 1 xW The weighted average can be calculated using MM where x is a data value an... Use the method of undetermined coefficients to solve the following equations. dx (a) dt - r = sin(t) + 2 sin(2t) (b) dy dx + 10y = 2e-27 + Ar Use RPM to multiply 15H 23 l 2. Write 124 as a sum of powers of 2 3. Is 25,85? divisible by 9 ? 4. Calculate: 5. Find absolute and relative error in writing 6. Give the GED of 45 3: 105 a} 90 DIV 1... The marginal cost function of producing q mountain bikes is C' (q)=15q+600/0.3q+5 (a) If the fixed cost in producing the bicycles. Round your answ... The TFR in Japan in 2014 was about 1.4. Assuming a permanent increase to replacement fertility, sketch the following separately (Your age-pyramids can be only one sex if you don't want to stress abou... Can please have all solved with full working out !! Thank you . Question 2 [30 marks] a) A ship sails 20 km due east, then turns 30" north of east and sails another 40 km. i) Draw a vector dia... we are going to remodel the classroom J4 with new paint. The classroom J4 with new paint. The classroom J4 with new paint the walls and ceiling. Not the floor. The dimensions of the room are 28.7ft by 30... Ly 0/2 pts * 2 0 Details The cost of a ticket to the circus is \$23.00 for children and \$47.00 for adults. On a certain day, attendance at the circus was 900 and the total gate revenue was \$32,700. How... please answer this. "1. Construct a table of values of ordered pairs for the given function. The table of values of values at the circus was 900 and the total gate revenue was \$32,700. How... please answer this. "1. Construct a table of values of ordered pairs for the given function. The table of values at the circus was 900 and the total gate revenue was \$32,700. How... please answer this. "1. Construct a table of values of ordered pairs for the given function. The table of values at the circus was 900 and the total gate revenue was \$32,700. How... please answer this." for f(x) = 2x T 10 fluid ounces per kilogram is how many milliliters per poind MATH REAL ANALYSIS MULTIPLE CHOICE QUESTIONS. Which of the following statements... please help. 16. A math teacher introduces a mathematics game to her 20 Grade 12 students in order to teach a new concept. She finds a positive correlation between the use of the game and the masterin... Can I please have
full working out to this question please!. h} A surveyor wants to calculate the height of a flag pole. She measures the angle of elevation front the top as 45" at point A {see fi... hi can you help me solve these. PROBLEM 1 Sketch the following functions: f(x) = (x + 1)3(x - 2)? Include: x-intercepts . y-intercepts . y-35,124 rounds 35,000 when rounding... No Tugas Tutorial Skor Maksimal Sumber Tugas Tutorial 1 Misalkan diketahui jumlah barang "X" yang diminta dan ditawarkan pada tabel berikut: Harg... https// (a) Draw a tree diagram to display all the possible outcomes that can occur when you flip a coin and then toss a die. O O 9 10 11 12 13 14 7 8 9 10 11 12 13 14 15 16 17 18 (b) How many outcome... The following data are the Philippine monthly inflation and T-Bill rates (all maturities) for the last six months of year 2019: Find the equation of the best fit line. INFLATION RATE (X) 3.9 4.0 3.5... Sketch the graph of y = -2x + 3 - 4 by sketching each separate transformation of the graph of y = x . State the domain and range of the transformed function. Domain: Range: 2. Usi... Write each as a rate and as a unit rate: 1. 60km in 12 hours 2. 26cm in 13 s 3. 230 miles on 10 gallons 4. \$12.50 for 5lb ~ 1 hour 0/22 QUESTION 14 . 1 POINT Idaho has 657 k-12 schools and a state population of 1, 826, 156. How many schools does Idaho have per 100, 000 people? Round to the nearest whole number. Provide y... From the complex analysis thank you!. 1. Find a Harmonic Conjugate of u(x, y) = sin(x)*cosh(y)+ Which of the nominal and periodic interest rates is NOT equivalent to a periodic interest rate of jq= 3.22% a. j2=13.087 b. j12=12.744 c. jmo= 1.0906 d. jw= 0.24 answer this. Dogs have an average of 1.5 x 10 hairs on each square inches, approximately how many hairs are on the dog's back? Given a flow network G(V, E), for every edge (u, v), . I(u, v) is the lower bound on flow from node u to node v; . c(u, v) is the upper bound on flow from node u to node v; . e(u, v) is the expense fo... Sir i am stuck for this question. Exercise 2 [4 points]. Given a training set D = {(x(0), y()), i = 1, ..., MJ, where r") E RN and y") E {1, 2, ..., C}, derive the maximum likelihood estimat... Define A, B, and X. 1 2 3) Evaluate A + 2A-31 for A = 2 3 Please writte report o a Ford car include this budget \$40,000, four door, automatic, 3 ltr engine, airbags, air-conditioning, CD Player. Example 3 . 1. Let N = $\{s,a,b,s' = 2, k(a,b) = 1, k(s,b) = 7, k(b,a) = 6, k(b,s') = 9$. Draw a picture of the capacitated network (N,k). Make a ta... Prove the following. Prove the identity: kte) S(m, k) S(n - m, l) = S (n, ktl). e m Asap Please . 6. (i) Stillring University is offering a series of eight workshops. The workshops will take pla... a) identify the independent variable and dependent variable. explain your choices. b) produce a scatter plot for the data and classify the linear correlation. c) determine the correlation coefficient ... Show that $\int a b w(x) dx = 31 [(2a + b - c) + 2a - c] h 2$ where h = (b - a) and $w(x) is w(x) = \int a x (x - c) dx$. Show that if c = (a + b ... As biostatisticians we have computed that smoking kills. Unfortunately, however, some students find it to be an expression of liberation. Chain smokers typically consume 12 cigarettes per day, with a ... A group of 20 math students are offered 6 courses such... The library at a certain university reported that journal prices had increased by 140% over a period of 10 years. The report concluded that the birth rate of bears is a sum of two terms. Suppose that these two terms are M and NV and that the birth rate of the wolves is therefore M + N (for this question it doesn't ma... Show that this estimator is a kernel density estimator. Problem 1.1. Rosenblatt's density estimator is given by Pn(2) = h - [Fn(x + ?) - En(x - 2)], where h denotes bin width and Fn(x) is the empiri... MAT 136 Problem set on Mobius Module 8. Consider the following random sample of data: 11, 25, 28, 15, 23, 6, 10, 3, 100, 19 a) What is the median of the sample data? Round your response to 2 decimal p... You are interested in estimating μA , the mean monthly rate of return of the stock of Company A listed on the Toronto Stock Exchange. You randomly pick n=36 months, for each you observe the monthly rate. years and 3 months if interest is 6% compounded quarterly? (15 marks) Ant thoughts?. H. Write an equation in slope-intercept form given the points (-2 3] and (0, 7). Hint: You may want to begin with point slope form, and then convert to slope form, and then convert to slope form. A passbook savings account has a rate of 12%. Find the effective annual yield, rounded to the nearest tenth of a percent, if the interest is compounded monthly. i Click the icon to view some finance f... A lump sum of money is invested at a rate of 10 percent per year compounded quarterly. How long will ittake the investment to triple? Vanessa sets aside 715 into a saving account each monthly budget is 3,575, what percentage of her budget does she put into savings? Please refer the questions on word document Data Download the file Golf.jmp. Use JMP to develop a multiple linear regression model to predict the Earnings/Event using the data found in Golf.jmp. a 1? Write your answer as an expression to show that you are applying the product rule, sum rule... Mang Jun and his farm workers harvested 2, 976 lettuce and 1, 245 carrots. If each kind of vegetables is to be divided equally on 13 baskets, how many of each kind of vegetables is to be divided equally on 13 baskets. week selling life insurance for Farmer's Insurance plus 4% of sales over \$5,750. Sarah's sales this month (four weeks) are \$23,000. How much does Sarah ea.... Directions: Given the data, answer the questions below. Teachers Gender Age Board Rating Job Performance M 37 Monthly Salary 84 Type of School 95 M 29 11200 81 Private-Sectarian WN 83 M 17800 45 8... The Excel file for this assignment contains a database with information about the tax assessment value assigned to medical office buildings in a city. The following is a list of the variables in the d... In politics, marketing, etc. we often want to estimate a percentage or proportion p. One calculation in statistical polling is the margin of error - the largest (reasonable) error that the poll could ... Consider a binary group code with generator matrix 100111 G=010011 001101 (a) List all the code's possible messages with the corresponding codewords. (b) Find the minimum distance of the code's possible messages with the corresponding codewords. have symptom alpha, six of the patients have symptom beta, and fifteen of the patients have symptom gamma. There is only ... Quiz (optional) Remaining Time: 02:23:47 Consider the integer N represented in two's complement by the bit patter (1111 1101 0000 0110) on 16 bits. The inserted space is to make it easy for you to rea... Please help in 6,7,8 of part2 urgent required. . PART 1 Dr. Jacobs West is an investment manager for Prokop Investments. He is currently faced with the question of which company to invest in. The... Make a math drawing that shows bundled ob-jects representing 1.1 and 0.99 and that demon- strates that 1.1 > 0.99. Hello, this question is related to mine: We use Diffie Hellman Key Exchange with private keys X, Y. Let p=71 and the generator of the field g=7. Construct two possible common public keys by selecting ... Consider the projection of two nodes vi , vj onto the positions of the unit hypersphere a... 16. Consider least squares with sign constraints: [Mx - g 2 = min., x 2 0. Find a necessary and sufficient condition for optimality With your post-graduation income, you can afford to either purchase a home or buy a vehicle. You can either spend 24% of your gross monthly income on house payments, or 9% of your monthly income on a ... In the following, let y be the propositional formula p - q - p/q. (a) Draw the syntax tree of p. (b) Use the recursive definition of [-]. to evaluate [v].. Make sure you provide the definitions of any... Show all work and explain all details Given f(x) = x' - 4x + 16 and g(x)=x* - x' - 3x' + 5x - 2. Answer the following questions for each function and sketch their graphs. a) List all possible ratio... (10 Marks) Prove that if u and v are solutions to the heat equation, and if $u \le v$ for t = 0, x = 0, and $x \in [0, L]$. u is the limited loss random variable. Show that, if X > 0, then $E[X \land u]$ can be expressed as a) f;S(x)dx for Continuous X b) 23–1 SOC) for discrete X a doctor records the number of months that have elapsed since a diabetic person's last medical visit. which answer is correct (measurement levels): nominal, ordinal, interval or ratio. 2) (3 points each) In the following number patterns, write the most likely next number/equation: a) -2, 8, -32,128, b) - 7, -2, 3, 8 c) 12, 20, 30, 42, d) 1 = 12 1+3 = 22 1+3+5=32 Math 176 Assignment 2 The following table represents data from an experiment 12 50 60 0.5 2.8 10 45.1 70 a. Graph the data on the log-log graph paper that is attached (next page). [3 Marks] b. Determi... Consider the linear system Ax = b, where 2A = b = 2 3 Additionally, consider the following Iterative Method (IM): x(k + 1) = B(a)x(k) + c(a) where 202 + b = 2 3 Additionally, consider the following Iterative Method (IM): x(k + 1) = B(a)x(k) + c(a) where 202 + b = 2 3 Additionally, consider the following Iterative Method (IM): x(k + 1) = B(a)x(k) + c(a) where 202 + b = 2 3 Additionally, consider the following Iterative Method (IM): x(k + 1) = B(a)x(k) + c(a) where 202 + b = 2 3 Additionally, consider the following Iterative Method (IM): x(k + 1) = B(a)x(k) + c(a) where 202 + b = 2 3 Additionally, consider the following Iterative Method (IM): x(k + 1) = B(a)x(k) + c(a) where 202 + b = 2 3 Additionally, consider the following Iterative Method (IM): x(k + 1) = B(a)x(k) + c(a)x(k) + c(a)x(k)2a+1 -202+20+1 B(a) = -202+ 2a+1 202+20+1 (... Topic: creating a small
story that can apply at least 3 math principles; o Permutations with identical objects o Combinations o Pascal's triangle o Venn Diagr... Two whole numbers have a least common multiple of 60. Each number is less than or equal to 12. The greatest common factor of the two numbers is 2. Identify the 2 numbers. The table at the bottom of this question shows a series of x, y points giving the fraction (f) of a drug released from a matrix over time (t). When graphed, the form of the data follows the following ... Acrobat Reader File Edit View Sign Window Help 4 7 Q 2 @ Wed Dec 15 4:07 PM ... Math 107 Home Tools Math 1070 - Final... Math 107 X ? Sign In 2 / 20 + 106% Y Search 'Crop Page Lo Export PDF A Adobe Ex... Let a noisy acoustic signal be described by the equation: Xt = Acos(wt+θ)+4ξt, t∈N where A is a random variable with zero mean and unit variance, θ is a random variable with zero mean and unit variance. system of equation 2x +y = 1 3x+4y = 3 in the system F 5 F 5 = (0,1,2,3,4) The total body surface area, or BSA, of a human is difficult to calculate. There are various models that estimate BSA based on a person's weight and height. One simpler model is BSA = Sqrtwh/3600 where... Graph the solution of the system of inequality . Graph the solution of the system F 5 F 5 = (0,1,2,3,4) The total body surface area, or BSA, of a human is difficult to calculate. There are various models that estimate BSA based on a person's weight and height. the system of inequalities. -x + y = 3 x + 2y = 10 3x + y s 15 x 20, y 20 10 Graph Layers After you add an object to can use Grap... Weights of 40kg with standard deviation of 6kg. If a child is selected at random, what is the probability that the child wei... business mathematics. Question 36 (3 points) Import Exclusives Ltd. received an invoice dated May 20 from Dansk Specialties of Copenhagen with terms 5/20 R.O.G. for; . 100 teak trays at \$34.30 each; o... Good morning! I have this homework due tomorrow, I hope I can get some help???? QUESTION 1 The veterinarian orders a Fentanyl (50 mcg/ml) CRI at 0.7mcg/kg/hr for a 4 kg cat. The fluid rate... Match each function with its graph. fix = - 3 graph fix = - 3 g d EZ d) Find the value of k. e) ... Question 1 Solve the problem. Find the measures of the supplementary angles! 970 Please kindly show workings clearly thank you. 8. A winter cover will be made for this swimming pool. The material for the cover sells for \$2.50 per square metres are needed and... The concentration of a drug in the body fluids is given by C=C0e-0.8t, where C0c0 is the initial dosage and t is the time in hours elapsed after administering the dose. If 35mg35mg of... (a)Given the differential equation y' = x+2 and y(0)=3. Find an approximation for y(1) by using Euler's method with two equal steps. Sketch your solution (b)Solve the IVP differential equation y '... Please provide explanation for each step. HUUQLIUII J Ul I A Final answer needs to be submitted to the online test question-and-answer portion of a popular game show and will now be given an opportunity to select a grand prize. The game show host shows you a large revolvin... Please provide Handwritten answer. Question 23, Please state one possible violation of standard model assumptions for each of the residual plots below (one sentence for each plot): 40 8 80 20 Residua... 3) (4 points each) Find the following sums: a) 1+2+3+4+... +630 b) 400+ 401+402+ ...+ 630 probability. KA survey of 35 individuals who passed the seven exams and obtained the rank of Fellow in the actuarial field finds the average salary to be \$150,000 per year. If the standard deviation f... Find the slope m and y intercept b. y=7 m = b = and also graph it . Let S be the set of all functions from the set { 1, 2, ..., n} to the set {1, 2, 3}. Let A = {f ES : If ({i}) > 2 for i = 1, 2, 3}. In other words, A is the set of functions in S for which e... Write a short proof you can use without proof simple theorems such as "even+even is even", "even + ... The mean of 12 numbers is 48. Removing one of the numbers causes the mean to decrease to 45. What number was removed? Explain or show your solution. (1) [~Ash 6.1.1] Give an example in which f is Riemann integrable on [0, 1] and a is increasing, but fo fdo does not exist. Explain explicitly, in terms of Riemann-Stieltjes sums or upper/lower sums, ... Quadratic equation. class worth 504 - 23 + 2,C2 = 109(5 + x 2 - 32 (2 - 2C + 1 - 1 = 0 8) (5 points) Using a real-life context (brownies, etc.), explain why dividing both the numerator and denominator of by 2 produces an equal 10 amount of something. Use a drawing to help your explanati... A professor teaches a class of 60 students and another class of 40 students. Five percent of the students in each class are to receive a grade of A. How many different ways can the A grades be distrib... Write the negation of the statement. No sharks can live in freshwater O C. All sharks ... fluid mechanics. 2. For functions a(t), b(t) and f(x, t) with continuous derivatives, show that b(t) b(t) d(t) = B, i.e. that the smallest a-algebra of subsets of R which contains A is equal to the Borel aalge... Use Lattice Multiplication. 11) 452 x 75 12) 335 x 66 5 6 13) 272 x 19 14) 553 x 81 15) 229 x 84 16) 902 x 27 Challenge 1) 223 x 341 2) 923 x 504 Representations of Rational Function Delease present a full solution/explanation. please help with the following. D Question 5 4 pts For the next 3 questions: Use proof by induction to show that for all positive integers, 2 + 6 + 18 + ... + 2-30-1 = 30-1 1. State a Basis Case and pr... please solve. Homework Five 5.1A The Des Moines City Council is considering increasing the number of police officers to reduce crime. Before making the final decision, they asked the police chief to s... E Hom < Question 24, 3.4.11 HW Score: 24.14%, 24.14 of 100 points O Points: 0 of 3 Solve the system algebraically. 58 X Y E 3 7 4 317 81 X 9 27 Select the correct choice below and, if necessary, fi... PROBLEM DESCRIPTION NU Industries operates two manufacturing plants that produce three products: Widgets, and Flugels. The finished products are shipped to the Distribution Center for final d... Chapter 4 Excel Activity - A Random Sample of Students There are many real world scenarios in which a random sampling is called simple random sampling. ... Show that an atom that has been chosen in a given iteration is not chosen again in Orthogonal Matching Pursuit (OMP). Please. Question 5 of 6 Alicia purchases a retirement annuity that will pay her \$2,000 at the end of every six months for the first ten years... A quantity grows exponentially. Each year, it grows by 8%. Determine how long it will take for the quantity to triple. Express you answer in years, round to two decimal places and enter the numeric va... Construct SUMMARY OUTPUT Regression Statistic Multiple R 0.976236077 R Square 0.953036879 Adjusted R Square 0.946079379 Standard Error 105.8107623 Observations 32 ANOVA d'f \$ MS F Significance F Regre... /1088313/assignments/15454817?module item id=35894560 e No Due Date Points 100 Submitting an external tool - 2 days QUESTION 6 . 1 POINT Delta has decided to start a side business as a photographer. S... From the number theory , thank you!. Problem 2. Let n be a positive integer, and a an integer Probe that if t... the table before the tift... the table before a start a side business as a photographer. S... From the number theory , thank you!. Problem 2. Let n be a positive integer, and a an integer Probe that if t... the table before a start a side business as a photographer. S... From the number theory , thank you!. Problem 1. Give an alternative proof for Gauss; s Theorem by using that (a start a side business) as a photographer. S... From the number theory at a start a side business as a photographer. S... From the number theory at a start a sta plotting the graph. Here the "=" means corresponding values of P. P is a probability distribution, with values 1; 0.5; 0.25; and 0.125 on the Y- axis. these two t... refer to image for question. Within a company is a (micro)economy that is monitored by the accounting procedures. In terms of the accounts, the various departments "produce" costs, some of w...-Prove that if $p, q \in C$, then p + p = q or p = 1-Using the previous question prove that $c \circ s$ (a) = $c \circ s$ (b) if and only if $a - b \circ r = q \circ r$ p q = 1-Using the previous question prove that $c \circ s = c \circ s$ (b) if and only if $a - b \circ r = q \circ r =$ times as much in the 3% account as... Let X, Y be sets with A, B C X and C, D C Y. Verify the following: (a) A X (CnD) = (A x C)n(A XD). (b) A X (CnD) = (A x C)n(A XD). (b) A X (CnD) = (A x C)n(A XD). (c) A X
(CnD) = (A x C)n(A XD). (c) A X (CnD) = (A x C)n(A XD). (c) A X (CnD) = (A x C)n(A XD). (c) A X (CnD) = (A x C)n(A XD). (c) A X (CnD) = (A x C)n(A XD). (c) A X (CnD) = (A x C)n(A XD). (c) A X (CnD) = (A x C)n(A XD). (c) A X (CnD) = (A x C)n(A XD). (c) A X (CnD) = (A x C)n(A XD). (c) A X (CnD) = (A x C)n(A XD). (c) A X (CnD) = (A x C)n(A XD). (c) A X (CnD) = (A x C)n(A XD). (c) A X (CnD) = (A x C)n(A XD). (c) A X (CnD) = (A x C)n(A XD). (c) A X (CnD) = (A x C)n(A XD). (c) A X (CnD) = (A x C)n(A XD). (c) A X (CnD) = (A x C)n(A XD). (c) A X (CnD) = (A x C)n(A XD). (c) A X (CnD) = (A x week is given in the lo... Sicherman Dice: are a pair of six - sided dice, one(blue) with faces labelled 1, 2, 2, 3, 3, 4 and the other (green) with faces labelled 1, 3, 4, 5, 6, 8 Procedure: In this activity, you will compar... assignment 2 number 12. Find the decimal number represented by 111111 when it is interpreted in each of the following 6 bit representations Unsigned Binary Number Two's complement Number Excess 32 Num... When we multiply 37 X 26 by using the common method, we start the second line. = Quiz: Quiz ... < Question 1 of 10 This quiz: 10 point(s) possible Sul This question: 1 point(s) possible Find the volume of the shaded area. When appropriate, use the a key on your calculator. 16... Language of Mathematics - Give the Correct Answer and Show Complete Solution : ITEMS 11-20. Choices are given on the table.. For numbers 11-20, write the CAPITAL LETTER of the correct Answer on the sp... In an assembly-line process. the Ell kg package Astarts from 3 mrs at the position shownr and slides down the smooth ramp. Suppose that you want to design the hydraulic device B to exert a force of ma... Express each of these sets using a regular expression (5 pts each). a. the set of all strings with zero, one, or two bits b. the set of strings of two Os, followed by zero or more Is, and ending wi.... (4) [~Ash 5.2.4] We continue looking at Taylor polynomial and the remainder term for e" that we found in the previous problem. (a) Inspect the remainder term for this Taylor polynomial and the remainder term for e" that we found in the previous problem. (a) Inspect the remainder term for e" that we found in the previous problem. (b) at tal settings and a total mass at 2800 kg. (a) State all the assumptions you make. (b) Evaluate ... The number of daily evening newspapers in the United States has decreased by 46.5% to 389 newspapers were there in 2000. Please can you provide... Q8. Problem 8. (6 points) -2 Let W be the subspace spanned by Find a basis for W and the dimension of W. 3 9 -1 -5 -3 -2 6 -1 8 0 0 (Note that the reduced row echelon form of is OOHO ONL 2 -6 0 0... Gather the height (in inches) of at least 10 male and 10 female classmates. Tally the result using Frequency table (ungrouped) Example: Height (in inches) of at least 10 male and 10 female classmates. Tally the result using Frequency table (ungrouped) Example: Height (in inches) of at least 10 male and 10 female classmates. Mathematics (Week 7,8 and 9) 1. Solve the following logarithmic equations. 1. log $5x = \log (2x+9) 2$. log $(4k-5) = \log (-5p+5) 4$. log (2x+9) 2. log $(4k-5) = \log (-5p+5) 4$. log $(4k-5) = \log (-5p+5)$ examinations. a) create a scatter plot for Jerome's data and classify the linear correlation. b) perform a regression analysis... Suppose that a can has a radius of 0.8 inches and a height of 3.2 inches. How much soup will we be able to fit in the can? Show the units in the work and in the answer. How much aluminum is needed to ... slove it please. 2. (A Symmetric Markov Chain) Let X be a Markov Chain with state space $S = \{0, 1, 2\}$ and transition matrix O - P P 0 1 - P p P = p 0 1 - P p P =IVE | (N)inv = 0} = ... Consider the following partial differential equation: du 1, at + u- ar =0, u(x, 0) = 0 < x < 10, otherwise The solution to this equation will immediately form both a rarefaction wave and a shock. ... it is more for a aeronautical and aerospace engineer. 5 Which set of degrees of freedom of an aircraft constitutes the Translational group? a. Surge, heave and sway b. Roll, pitch and yaw c. Surge, he... (Simplify your answer. Type an integer or a fraction). In each case determine k so that the line is parallel to the line 3x - 4y + 15 = 0. a. 6x + ky = 18 b. kx - 8y - 24 = 0 c. y = kx + 4 d. x = ky... [914. In a regression model y(n x 1) = X(n > (k+1))fi((k+1)x 1) + e(n x 1) where e^{-1} Nn(00' 21) and s: [s0 s1 ... sky. To estimate ,3, we minimize 306) = (y - me - X16) + M21302 where A ... Find the solution to the following linear, homogeneous recurrence with constant coefficients: an = -4an 2 for n > 2 with initial conditions ag = 6, a1 = -8. The solution is of the form: an = (a + is... Please answer all parts to this question. I will make sure to upvote!. 6*. Let $C(R, R) = \{f : R - R; fcontinuous\}$. Find card(C(R, R)). Note: Problems with * are graduate problems. Graduate students so... Let $A := \{0 \ n \ 1 \ n \ n > 0\}$. And $B := \{w | w \text{ is an even number}\}$. Show that $A \le m \ B$ Note that B is regular while A is not. EGR3323 Homework #6 1. Consider the region R graphed below. R is one quarter of a circle with radius 1. Figure 1 Region R. For double integral JJ f (x, y)dxdy over the region R, find the upper and... Let k be a finite simplicial complex and n is equal to the number of path-connected components of |K. Show that Ho(K) ~ Z". Karen is assisting the veterinarian with a rabbit who has wounds from a dog bite. The veterinarian asks Karen to prepare Lidocaine 2% at 1.5 mg/kg to use as a local anesthetic that will numb the wo... Where does all the water is outflow; 47% is seepage; 5% evaporates; and 12% remains as wa... (7 marks) Find the order of error in the following approximation. (show your steps) f'(x) = 3f(x) - 4f(x - h) + f(x - 2h) 2h Find the sum of the first 10 terms of the geometric sequence whose 6th term is 100 and the common ratio is 0.5. How would we denote the following set: all ordered pairs of ordered pairs of real numbers (No, it is not a typo.) O {(a, b, c, 1) : a, b, c in R} O {((a, b), (c, d)) : a, b, c in R} O {((a, b a, b, c, d in R} O {((a, b), (a,... sir i am stuck for this question. 6. (4 MARKS) Suppose that A is an invertible 2 x 2 matrix such that 2 3 0 A+ 12 = 0 Then A = -2 -3 (a) NIN 0 (6) (c) 2 0 2 -1 3 (d) NIN (e) None of these O - 2 ... Question : This question has
two parts. Each part requires you to use the properties of Delaunay triangulations to give short and concise proofs. 1. We say that a pair of adjacent triangles, $\Delta(a, b,...$ Please Correct this. . Solve for x when zero ton $x = 1 \sin(2x) 2 - The$ population of Math ville is modelled by the function P (+) = -2+' + 54+2 - 40+ + 21060 where t represents the number of year... could you please solve and explain the following questions. (3r - 2) = n(3n - 1)2(4r-3) = n(2n-1)MMMM3(2r-1)2r = n(n+1)(4n-1)(2+1) = n(n+1)(3n+1)(n+2) 12 Please show all work!. Let X, Y be sets with A, B C X and C, D C Y. Verify the following: (a) If A C B and C C D, then A X C C B X D. (b) (AnB) x (CnD) = (A x C)n (B X D). # of Votes 6 3 6 1 st C Place D B C Using Borda Count, what is the total score of A c C B X D. (b) (AnB) x (CnD) = (A x C)n (B X D). # of Votes 6 3 6 1 st C Place D B C Using Borda Count, what is the total score of A c C B X D. (b) (AnB) x (CnD) = (A x C)n (B X D). candidate C? and B a. 52 Place A C A 3rd b. 55 Place D D 4 c. 53 A Place A B d. 43 O a Ob OC O d You decide to do some remodeling in the kitchen. Your parents agree to lend you the money, but you insist on paying them interest. The agreement is that they will lend you \$8000.00 at a simple interest... Please help. A couple wants to buy a house and can afford to pay \$1500 per month. a. If they can get a loan for 35 years with interest at 6% per year on the unpaid balance and make monthly payments, h... What is the value of a derivative that pays off \$100 in six months if the price of AAPL is \$115, the risk-free rate is 1%... I need help with this. (14 points) Let p > 0 be a prime. Prove that if $ab = ac \pmod{p}$, then $b = c \pmod{p}$. From the given graph, find the equation in quadratic form Y = ax + bx + c of the given graph. (3mrks) -25. (1) [~Ash 5.1.1] Let $f(x) = x^2$ sin(1/r), r # 0; f(0) = 0. (a) Make a rough sketch of graph of f around 0. (Start by drawing parabo- las y = x2 and y = -12. If you are not sure what to do, plot the... hi what is the roots vertical asytope yhorizontal atope and holes in f(x) = 2x+3/8x+12 Thank you in advaced for a detailed response. Problem: Outside a building, the temperature is T 0 (°C) and does not change. The building is heated by a heater working periodically during... Question 7 (4 points) Consider the radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactive material remaining at the time t. A0 is the amount of radioactiv of 30% saline solution for liters too. Please and thank you! :). ->1 Stimulus 4.3 Mixture Application, Lab Activity 10 1p A scientist nee... How do you solve exponential decay questions when given time elapsed, and percent difference in the substance amount? PART A: MULTIPLE CHOICE (7 marks) i..... For each question below, select the most correct answer. Then write the CAPITAL LETTER for each answer in the grid below. At the top of this page write the th... Sunshine Snacksproduces Big Foot and Cheese Sticks. Each pack of Big Foot and Cheese Sticks. Each pack of Cheese Sticks. Each pack of Big Foot and Cheese Sticks. kilowatt-hours (kWh) of electricity per year. Appliances and refrigeration account for about 19% of this total. If electricity costs \$0.17 per kWh in a part... Question 2 Determine the LCM of the given polynomials: Leave your answer in factored form. o' - 40 - 21 5 + 15. Question 2 Determine the LCM of the given polynomials: Leave your answer in factored form. would weigh the same as the car? If in 1974 guarter pounders at your favo... Twelve students wrote their names and the number of letters in the num table. X . 8 . 1. Find expressions for (a) ag for the supply function () = P2 + P + 1 (b) R) do for the total revenue function TR = 500 - 302 Any thoughts? 12. Pick out the point and slope from the following equation is an exponential Family because the exponential pimp is f (xla) = ded x I d goby (*) 2 ft 2 ft 1106 O B C A P Cord AB is 2 ft long, the force P = 90 lb, the angle 0 = 52 degrees and the spring's stiffness is k = 53 lb/ft. Note that cord AB is 2 ft long, the force P = 90 lb, the angle 0 = 52 degrees and the spring's stiffness is k = 53 lb/ft. Browse the DepEd mathematics curriculum guide. Choose a topic from K to Grade 3. Write the topic and grade level below. How are clear and coherent arguments and proofs formulated?how are they proved or dissaproved? Find the equation of the ellipse shown in the graph. (0, 6) (-40) (0, 0) (4, 0) -X -8-7-6-5-4-3-2-1 2 3 15678 (0, -6) Please help me compute $\int -\infty \infty x^2 c \circ s(3x) - 1$ using an indented path What will be the value of Nz in the given equations * w+x+y+z=2 2w - x - y + 2z = 7 2w + 3x + 2y - z = -2 3w - 2x - y + 3z = -2 A. 27 O B. -54 O C. -81 O D.O mathematics. To develop essential mathematics skills, learners should learn to use mathematical language correctly. How would you, as the teacher, clarify the d... help me please with math. g Decimals by Whole Numbers Divide. Round to the nearest tenth. 5.1 104 Enter ration Ali Rights Reserved 5 6 8 9 O After researching different local banks, you find a 20year fixed interest rate at 4% for your home. Determine the monthly payment of principal and interest on the loan. (see chart in book) S, 2(3 + 2x)2. dt (3 marks) V. (3+2-2). (t3 – 2t)2. dt (3 marks) V. ((3 m 2y. Write the equation so the x (t) term cont... I need help in finding the appropriate polynomial and fit using the least-squares criterion of best fit. 9. The following: 2. Let F = -Vo, and G = V x A, and let H = F +G. Show that of and A satisfy the equations, $V20 = -V \cdot H$, $V(V \cdot A) - V2A = V \times H$. Homework 6 due November 17, 2021 Question 1: Consider the function of 2n variables 2n 2n q (x) = 2 Ei (x) 2 - Exit [(xit xi-1)2 + (x - xi-1)2] + (x - xi-1)2 + (x - xi-1)2] + (x - xi-1)2 the second variable (2pts) If z = 4 when x = 8, find z when x = 4. Note: NUMBERS ONLY.. Question A... jerarquía de operaciones. Act- 23 @at (3-1) = b) [10 - (2 x3)]- ()45 + [10 + (5: 2)1: d) 125-[4 + (25+10)-(2 x1) = () 20+45+ 2*5+3= Ejemplo: a 18-2) x 4 43- 27 \$ 6 X4+3 24+3- 21 I NEED AN ANSWER IN 30 MINS TY!. 1. A permeable soil layer is underlain by an impervious layer as shown in the figure below. Knowing that k 6 x 10 cm/sec for the permeable layer, calculate the rate of... Let X, Y be sets and f: X -> Y be a function. Prove the following are equivalent: (a) There exists a function g: Y - X such that fog = Idy (b) f is surjective. question 8. 5-8 GRAPHING SOLUTIONS Using (13) sketch or graph a figure (similar to Fig. 291 in Sec. 12.3) of the deflection u (x, t) of a vibrating string (length L = 1, ends fixed, c = 1) starting wi... You work as a greeter for the highway commission 120 hp grade are you operate requires about nine hours of productive machine time to grade 2.47 acres how long should it take you to complete 6 acres r... Recall that the n -hypercube Q n is the simple graph whose set of vertices is the set of all binary sequences of length n, and in which two binary sequences of length n, and in which two binary sequences of length n, and in which two binary sequences of length n and in which two binary sequences
of length n and in which two binary sequences of length n and in which two binary sequences of length n and in which two binary sequences of length n and in which two binary sequences of length n and in which two binary sequences of length n and in which two binary sequences of length n and in which two binary sequences of length n and in which two binary sequences of length n and in which two binary sequences of length n and in which two binary sequences of length n and in which two binary sequences of length n and in which two binary sequences of length n and in which two binary sequences of length n and in which two binary sequences of length n and in which two binary sequences of length n and in which two binary sequences o cantidad que le quedó a Romina es la tercera ... please assist. C F 9 15 B E 12 11 13 A D a Apply the sorted edges algorithm to the graph above. Give your answer in details.. The profile below shows the preferences of voters in an election with 4 candidates (A, B, C, and D). Determine the Borda count winner of this election. Use the table t... Consider a 2-category 2D classification problem where each class: X1 = 13423 Co 4 6 6 X 2 = 5 8 -2 i. Calculate the means and covariances... Evaluate the live Integral applying Stoke's thm. 1 = = f(x, y) = 13423 Co 4 6 6 X 2 = 5 8 -2 i. Calculate the means and covariances... $16 - x^2 - 42 F(x, y, 8) = 1 + x_j - k^2 h(x, z) = (x, 516 - x^2, z) F(x, 4, t) = xi + j - Ek Apply Green's them to evaluate the... Use interval notation to indicate all the real numbers on the number line that are less than 13. Help me this question clearly step by step pls!. Question 5. A cone-shaped drinking cup is made from a circular piece of paper of$ radius 9 cm by cutting out a sector and joining the edges CA and CB as... How much thermal energy does 97044 ft-lb f of work produce, if the conversion is made at 31.9% efficiency? Answer in BTU, rounded to one decimal place. Please provide Handwritten answer of. Are formulas of the following form generally valid, satisfiable but not valid, or unsatisfiable?. E) 3x [A(x) = B(x) = [3x A(x) 3x B(x)] (2')VV(<'x)VizA < AX... NO PLAGIA. NO TO SHORT ANSWERS. What is Inverse Function? Why do we need to study inverse Function? What do you know about Inverse Function? What is Inverse Function? What is Inverse Function? What is the purpo... In a city where the sales tax rate is 8.9%, find the sales taxand the total cost of a dishwasher that costs \$499. Round to the nearest cent. Please provide Handwritten answer. Problem 6 Rewrite the following expression in the vector form (show your work) 1) AC, Be; 2) ABe. ER Oni 3) ABC, D my imk Adjacency matrix row and column sums. Suppose A is the adjacency matrix of a directed graph (see page 112 of VMLS). What are the entries of the vector A1? What are the entries of the vector A1? Consider the (sorted) data set {0, 0.5, 1, 14, 15}. a. Give two reasons that this data set could not be a sample from a Poisson distribution. b. As a function of x, how might you interpret (1/5){1x?... What is the compound interest if \$410 is invested for 10 years at 8% compounded continuously? For this problem you will have to use excel solver and submit the solution in excel . 4. (25 points) Find the optimal integer valued solution to the following problem using excel solver: max 0.25X+0... Jessica is looking for the best deal on a set of golf clubs that has a wholesale price of \$399. Help her compare the price of the golf clubs in different situations by completing the following. (a) Je... Betadine solution is a 10% povidone-iodine solution. Express this strength both fraction and as a ratio . A savings account pays 1.9% simple interest. If there is a closing balance of \$11500 on May 1 and a withdrawal of \$1800 is made on May 10, how much interest is earned on the account in the month of Ma... Please provide Handwritten answer. Suppose to = -1/4. What is the condition on t E [-1, 1] that will guarantee the quadrature weights for the quadrature rule based on to be both positive. Ex... Retirement is a major life event that requires a lot of preparation. Many people get to retirement age and discover that they're financially unprepared for retirement. Some people have to return t... need help from 2 to 4. Problem 1 * (Remember: Practice makes perfect!) Write down the eigenvalues and eigenvectors of A ar... Let S = {u, v, w, x} C R and V = span(S'). Suppose {u, v, w} is a basis for V and x is not the zero vector. Determine whether the following statements are true or false. Justify your answers. (i) [... Consider the following graph, Determine whether the following statements are true or false. Justify your answers. (i) -6 -524 43 S(x) -12: -16- -20 Prove that for any two languages S and T , (ST) * S = S (TS) * . Use induction on the definition of the Kleene star languages. If we assume that n," and ny are mutually independent for all t, the vectors n*) are indep 48/80 and 53/83 -Yes, these are equivalent fractions b) 34/10 and 68/2... MY John, Trey, and Miles want to know how many two-letter secret codes there are that don't have a repeated letter. For example, they want to count BA and AB, but they don't want to count doubles such... \\ Determinant and inverse of matrix. 1.1 Determinant and Inverse of Matrix [15pts] Given a matrix M: 6 M = 2 (a) Calculate the determinant of M in terms of r. (Calculation process is required) [4pts]... Solve this with a calculator and using the augmented matrix and in fraction form.) (15 points) Solve. (see Illustrations, # 3) A restaurant manager wants to purchase 200 sets of new dishes. One desig... Let P: V > V be a linear map, and suppose that P < = P. Let N = null(P) and R = range(P), note that these are both subspaces of V. Set O = Iv - P, where Iv is the identity on V. a) Show that 0^2 ... how to solve the question please?. Linear Equations in One Un 23. Ryan has 4 stamp albums. Each album contains the same number of stamps. Ryan takes out 72 stamps from one of the albums and then distr... A property has been assessed at \$225 000. The mill rate by this is the questions. Assessment 2: Situational Analysis Directions: Please read the statements carefully and answer what is being asked afterwards, Copy and answer on a separate sheet of paper. 1. I... Consider the point P in the following diagram. Analyze this 1 diagram to show that the equation P S - P S = (n - z) - n n 2 is valid for this particular location for the point P. [5 marks]. $n = 2 n = 1 n \dots$ The cost in dollars of making 2: items is given by the function G (2:) : 10:1: + 700. a. The fixed cost is determined when zero items are produced. Find the fixed cost for this item. Fixed cost = \$... It is a nonlinear optimization course. You need to find out the gradient and hessian of the f(x), which is the two-norm of a matrix. photo. This was done using a 10-point scale where 1 meant very untrustworthy and 10 very trustworthy. The scores from each participant were th... No need for explanation . a. 5pts. Simplify the following expression F = A + AB + ABC + ABCD + output. Assuming you don't have access to the code but can do anything you want with the simulation's inputs and outputs, how could you determine if... Answers to some of the questions are given below so that you can check your work. 1. Assuming that the company sells all that it produces, what is the profit function? P (I) = h a - Hint: Profit = R... pls help me with this.. Question 1 (5 marks) Show your work and draw box(es) around your final answer(s). Use algebraic methods unless otherwise stated. A rectangular painting occupies 6 sq ft. A comp... True or false it is helpful to break down the income statement into smaller monthly periods to enable evaluation of seasonal patterns of cash inflows and outflows Define what is relation? 2. Define what is Function? 3. All relation is a function (True or false) 4. All function is a relation (True or false) 5. Directions: Perform the indicated operation, writ... (5) [~Ash 7.2.6] If { fn } converges uniformly on E and each fn is bounded (that is, for each fn there is a constant Mn s.t. Ifn(x) | < Mn for every x E E), show that fn are uniformly bounded on E,... The question is clear enough. It doesn't require any additional information. P ease, I would be glad if you help me with the solutions . Problem 4. (10 points) Consider the times the height of a passenger on the ferris wheel is a height greater or equal to "c "m above grou... Please show all work!. Let X be a set and A, B C X. Prove the following are equivalent: (a) AnB = A. (b) ACB. In the first network that we analyzed, with the three resistors in series, we just added to get that they acted together like a single resistor of 10 ohms.

We can do a similar thing for parallel ci... Q65: Why the answer is C?. To obtain an FHA mortgage for \$50,000 or more, the home buyer must have a down payment equal to 4 percent of the first \$25,000 of the mortgage amount and 5 percent of the po... fast plzzzz mean and median. 12, 9, 12, 15, 8, 13, 17 he median and mean nu essary, round your answ 10 pts Attem 2 Day Secor Select ALL of the fractions that are greater than N H but less than 1 whole. 4/5 O 1/3 5/4 5/8 O 5/10 Models of Computation. 1. Categorize the following configurations of Conway's Game of Life (still life, oscillator, spaceship, random). In case of oscillators and spaceships give the period. 8 Pls kindly just select the right answers, no need for explanation, I'm time limited. what values of b make an exponential growth function? a b z o B b / l @ b z 1 (o < b z l () To Some 8 275X 47 /... 12:41 PM 56 . . . B. Do: LEARNING TASK NO. 8 100 points Add class comment Find the domain and range of the following rational functions. Use interval notation. Show your solution. (See attachment) Att... Giselle's borrowed \$17,250 at 8.2% compounded quarterly to finance her small business. If she has made no payments and the current loan balance is \$19,882.92, how long ago was the loan advanced? Can you explain how to find to answer?. Explore! Exercises 9 and 10 provide two data sets from "Graphs in Statistical Analysis," by F. J. Anscombe, the American Statistician, Vol. 27. For ea... Expand 1 fig): (z+1)(z+3) in a Laurent series f (z): ZOO "2-OO by evaluating an according to anz" around 2: = 0, which is valid for 1 < |2| < 3, i f(z)dz 2m; 0 25"' (In: wher... 5 Need Help? Read It 4. [-/1.07 Points] DETAILS LARMPMT1 6.3.024. 0/100 Submissions Used Find each quotient. (Write your answer as a proper fraction or mixed number in simplest form.) (a) 3: 14 (b) #... [-/1 Points] DETAILS AUFMODMATH1 12.6A.020. MY NOTES ASK YOUR TEACHER PRACTICE ANOTHER An experienced bricklayer can work twice as fast as an apprentice bricklayer. After the bricklayers work toge... An urn holds 10 identical balls except that 2 are white, 4 are black, and 4 are red. An experiment consists of selecting two balls in succession without replacement and observing the color of each of ... Explain using five sentence paragraph the importance of annuity in your daily life GENDER REPEAT ENGL ENGGS OCPROB DROPOUT ADDSC IQ GPA 1.00 1.00 2.00 3.00 0.00 41.33 111.00 2.60 1.00 1.00 2.00 3.00 0.00 47.33 102.00 2.75 1.00 1.00 2.00 4.00 0.00 47.67 108.00 4.00 1.0... answer this and I provide some examples and the table of newton's method (pls pls follow the attachment that i gave) pls follow the i!!!!. Direction. Answer the following: Finds the roots of equati... 3) This map shows the locations of the Pablo's Pizza stores in y(km) a city. When customers ring Pablo's Pizza, they are automatically transferred to their nearest store. A (5, 3) a) Construct a Voro... find the surface integral of F = ix sin y + $3 \times 2 + kz$ cosy over a sphere of radius centered at a point (e, Te, e). Find the volume of the parallelepiped for which the given vectors are three edges. a = 4i + j + k, b = i + 5j + k, c = i + j + 3k answer tijs using the long method solution. c. 4. Solve the equation and indicate its linearity. (15 pts each) a. $y' = x \csc x - y \cot x$ when x = 0, y = V2 3 b. y = V2 3 b. $y = x \csc x - y \cot x$ when x = 0, y = V2 3 b. = x - 2y Do the Following - Select at least three metrics from each of the following three categories: Hard science (p \rightarrow r) V $\neg(\neg p \lor q) \Rightarrow \neg[p \rightarrow (q \land r)]$ Explain why your truth table shows that this proposition ... X, Y, and Z represent three aviation fields. Y is 180 km due west of X, and Z is north (not due north) of X and Y. If Z is 170 km from X, what is the course a plane should fly from X... Please provide Handwritten answer.. Homework: Difference of Gaussian (DOG) Find the values of o and o for which the DOG is the most similar in shape to second derivative of Gaussian of o = 3. Plot the... Help solve this question and also provide details a) b) Use bubble sort to sort the list obtained at each step. Problem 2 (50 points) Hypothesis testing for uniform samples Let X1, X2, ..., Xn be generated i.i.d. from the distribution Uniform(0, 0). We know that - can possibly take two values do and 6 where 61.... Director of PT. The Milky Way decided to take out a short term loan to build up the inventory. The company has current liabilities of \$350,000 and current liabilities of straight shoreline. The ship is 8 km from shore when it passes a lighthouse at 1 pm. C] a) Let h be the distance between the lighthouse X * Course X * Cou Mathematics. State the contribution made and why was it so important to the field of Mathematics. 2. If a th... Anders discovered an old pay statement from 10 years ago. His monthly salary at the time was \$3,400 versus his current salary of \$6,030 per month. At what (equivalent) compound annual rate has his sal... Determine the center, radius, and graph of the given circles: a. (x-9) + (y+4)2 = 25 b. X + y - 4x + 5 = 0 2. Det. the focus and graph of the parabola given (x+1) + (y-4)? = 0 3. A semi-circle whos... The average home uses about kilowatt-hours (kWh) of electricity per year. Appliances and refrigeration account for about % of this total. If electricity costs \$ per kWh in a particular are... i need to do this question step by step all of them . In Exerc points. Graph the 3. (-2, 4) and (3, 1) es world (n) ximum val 2.9b that the gabbyw (d) Exercises SECTION 2.1 e calculate turn to our... evaluate the integral using. f(a) P. (@) dr = (-1) f()(x)(x' - 1)" dx, n = 0, 1, 2, = 1 2 n! To prove that objects of different weights fall at the same rate, Galileo dropped two objects with different weights from the Leaning Tower of Pisa in Italy. The objects hit the ground at the same tim... Note: Show complete/detailed computation). Decimal values should be up to 4 decimal figures. . B. Determine a cubic approximation of v(t) = bo + bit + bytz +... Fibonacci sequence, golden ratio and spiral, fractal, symmetries, polytopes like polygons and polyhedra, and animal patterns like stripes, dots, and puzzling designs are some of the example that can b... help me with this. Construct the differential equation for y = A cos 2x A 4000 ft2 bed is being prepared for planting bulbs for the spring. If a 5-20-20 fertilizer product is to be applied at the rate of 4 lb/100 ft2 of garden area, how many pounds of 5-20-20 are reg... Part A. Create the Requirements traceability matrix is an extremely important tool for the project. The requirements traceability matrix is an extremely important tool for the project. cardinality of set A and the cardinality of set B represent the (Select) Addends, differences, multipliers, products ,sums) and the cardinality of set AUB represe... Question 11 (9 marks) Consider an arbitrary interval J of length 27, say, J := (t,t + 2x]. (a) Carefully show that for any real number 0, there is some integer m such that 0 + 2mm E J. (b) Deduce from... hi can you help me solve these questions. PROBLEM 1: SKETCH $v(x) = x^* + 8 \times 3 + 16 \times 2$ a) Sketch the function above by HAND and show ALL WORK! . X-intercepts . y-intercept . Degree EB. Determine the equation... (a) Find the solution to the following first-order partial differential equation by the method of characteristics. du au at "+u= 0, -00 <x<00, 1>0 ax u (0, x) = 12, -00 <x<0 (b)... complete the following table: Purchase price of product (schwinn mountain bike): \$247, Down payments: \$14.75, Tota... 4b) The second step of Christofides heuristic is to identify the set of nodes S with odd degree with respect to the minimum spanning tree, and then find the minimum cost perfect node matching, W*, ... A baseball World Series. which answer is correct (measurement levels): nominal, ordinal, interval or ra... Norman financed the \$2800 purchase price of his new washer and dryer with monthly payments at 6.4% compounded monthly made over two years. What will be the amount of each payment? Multiple Choice \$116... Ashwind wants to solve recurrence relation problem involving the number of strings, a m, of all lengths. He is given the numbers in 1,2,3 and repeats are allows. The added total number of the numbers ... find a global minimizer of f(x,y)=|x|+|y|+(2x+y-1)^2 Free Lotto. For several years in Massachusetts, you have to correctly guess all six num... 0 in 1.046 mean. 1+ 46,000 1.000 1+ 40 Expanded Form 1,000 1,000 = 1 + 100 1,000 = 1 +
100 1,000 = 1 + 100 1,000 = 1 from your study of alg... Polynomial function. DETERMINE A POLYNOMIAL FUNCTION FOR A COHICH P(X)20 FOR XE (-00-) 6 "OP (X) < O FOR * = (-4, 0) U (0, +00) cil) p (-2) =-20 (ASSUME THE LOWEST POSSIBLE DEGREE) Let $\Sigma = \{a, b, c\}$. Give a PDA that recognizes language $\{a^i b^j c^k | 2*(i + j) = k\}$ write the PDA in this form: start state: "q" accepted states: [q4] edges: - src: q1 d... Please provide Handwritten answer. 1. Suppose a harmonic function p satisfies Neumann boundary condition in a disk with radius r. Find the Poisson kernel and the expression formula for the solution wh... What two (2) equal payments at the end of 15 months and 3 months at the end of 15 months and 3 months and 3 months at the end of 15 months and 3 months at the end of 15 months and 3 months and 3 months and 3 months at the end of 15 months and 3 months and 3 months and 3 months at the end of 15 months and 3 months at the end of 15 months at the end of 15 months and 3 months and 3 months and 3 months at the end of 15 months and 3 months and 3 months and 3 months at the end of 15 months and 3 months at the end of 15 months at t years , respectively, will replace the following obligations at 12% compounded quarterly. O1: P 5,000 due at the end of 1 year without... 2 of 2 and define the function f on the integrable on [a, b]. Hint choose... An architectual firm received a loan of \$5,400 at 4.60% compounded semi-annually to purchase a camera. If they settled the loan in 3 years by making quarterly payments, construct the amortization sche... A group of people were asked if they had run a red light in the last year. 255 responded "yes", and 378 responded "no". Find the probability that if a person is chosen at random they have run a re... can u help me to answer this questions?. Task 2. Below are squares formed by matchsticks. Count the number of matchsticks. Count the number of matchsticks in each figure and record the results in a table. Number of squares Number of ... Exercise B. Look at the bifurcation diagram of the lac operon on p. 159. Draw the phase portraits for the two bifurcations (ie. for the two values of r for which a bifurcation occurs). What type of eq... A group of students is organizing a World Cuisine Festival c... Construct a truth table for the statement (p ^ q) v ~ r Tuesday: 165kg, Wednesday: 181.5kg, Thursday:199.65kg, Friday 219.615kg QUESTION 6 (a) The first few Chebyshev polynomials are To = 1 Ti = r T2 = $2 \times 2 - 1$ Ta(x) = 4r + 3x Ti(x) = $8 \times 4 - 8 \times 2 + 1$. (i) What is the purpose of economizing a power series? (ii) Find the Chebyshev se... can you help with this. it's very easy to do just don't have the time for it thx. Budgeting Box 4 - LIVING EXPENSES KEY CONCEPTS You can expect to have different levels of income and expenses at diffe... Consider a counting process, N(t), which counts the number of times a particular component has a CDF F(t) = 1-191 - (a) Determine the Laplace-Stieltjes Tr... pls help me. (1) 5 is the square root of 25 (2) 5 is less than 10 (3) 5 is a prime number Sir, I am stuck on this question Sir, it's a humble request please step by step and double-check if I put even a single point wrong. (2 points) A company produces two goods, whos... how would i answer this question?. Use the pair of functions to find f (g (x)) and g (f (x)). Simplify your answers. f (a) = Vax+ 8, g(ac) = 22+1 sin (a) OO ? f (g (x)) = sin (a) OC III ? 9 (f (ac) ... In Lab-4, you used a noisy image avantika. tif. The spectrum analysis in Lab-4 showed that the rectangular grid noise is due to the 4 peaks in the mid-frequency region of the power spectrum. It is ... During a hanging hip flexion (see below pic) exercise I (150 lbs) hold my legs (35 in) steady at an angle of 90 deg with respect to the vertical. I also have a 5lb ankle weight on each ankle 31 in... This problem introduces us to the notion of a cumulative distribution function. The cumulative distribution function and gives an application. 1 4, find an analytical expression of A". Show your work. (You are allowed to use a computer to help you compute the eigenvalues/vectors for this part) b) Consider the foll... Please help. Name: Group : Score : 1 -8. -5, -2, 1... 2. 28, 19, 10, 1, ... 3. -2.4.- 6, 8.... 4. 2.5, 3.0, 3.5. 4.0. ... 5. 9.7. 7.4, 6.7, 5, ... A. Give the next three terms of the following arith... What are all the elements of P(P({1}))? Clearly explain how you know that you have found all of these elements. any thoughts???. -26 Linear Exponential Neither (Circle one) Explanation: A company has four customer D at (0, 1), and customer D at (0, 1/1.732). Customers A and B have to ... college mathematics. Find the area of the following rectangle. Write your answer in simplest form. Be sure to include the correct unit in your answer in simplest form. Be sure to include the correct unit in your answer. 5 yd 12 5 - yd 3 Given the following matrix: 3 1 A = 2 21 1 2 - 1 The most dominant eigenvalue of A is 2 = 3.716996. Find the least dominant eigenvalue and its corresponding eigenvector using the shifted Power Metho... For the data sets in Problems 1-4, construct a divided difference table. What conclusions can you make about the data? Would you use a low-order polynomial as an empirical model? If so, what order? 1.... Cameron is saving for his retirement 24 years from now by setting up a savings plan. He set up a savings plan wherein he will deposit \$150.00 at the end of each month for the next 11 years. Interest i... Chang is in charge of planning a reception what their favorite sn... 11.) (Integral geometry) In the center of a square with side length a > 5 is a square with side length 1. Randomly increase the center of a unit circle in a uniform distribution at some point in the... Kaori writes a sequence with side length 1. Randomly increase the center of a unit circle in a uniform distribution at some point in the... Kaori writes a sequence with side length 1. Randomly increase the center of a unit circle in a uniform distribution at some point in the sequence. words, tn = 1 + t... E Test: Test: Test: Test: Test: Test: Test: 1 point(s) possible Submit t Determine a spanning tree for the graph to the right. Which of the following is a spanning tree for the graph? O A.... Mich deposits Php5,000 every 3 months for 10 years in an account that offers 0.2% annual interest compounded quarterly. How much will she have in 10 years? * Php180,861.14 Php201,962.41 O Php197,964.2... IV.Word Problems 1. A recipe calls for 1 lb. 1 oz. of sauce A, 1 lb. 7 oz of sugar, 6 oz. of cake flour, 3 oz. of cake flour, 3 oz. of cake flour, 3 oz. of cake flour, 4 oz. of sugar, 6 oz. of cake flour, 3 oz. of cake flour, 3 oz. of cake flour, 4 oz. of sugar, 6 oz. of cake flour, 3 oz. of cake flour, 4 oz. of sugar, 6 oz. of cake flour, 3 oz. of cake flour, 3 oz. of cake flour, 4 oz. of cake flour, 3 oz. of cake flour, 3 oz. of cake flour, 4 oz. of cake flour, 4 oz. of cake flour, 3 oz. of cake flour, 3 oz. of cake flour, 4 oz. of cake flour, 3 oz. of cake flour, 4 oz. of cake flour, 4 oz. of cake flour, 3 oz. of cake flour, 3 oz. of cake flour, 4 oz. of cake flour, 3 oz. of cake flour, 4 oz. of cake flour, 5 oz. o , donde la curva EF corresponde a una semicircuferencia A) Exprese el Área de su base (piso) de la piscina en terminos x B) I... Calculations Involving Units, mcg/mg and Other Measurement of Potency 1. A hospital pharmacy has available 2-mL prefilled syringes containing 80 mg of tobramycin and 1.5-mL prefilled syringes containi... Make up a word problem or situation where one object (or collection, or quantity) is both 5 of 13. something and ; of something else. Eli buys a new sofa priced at \$800. The salesperson says he can pay \$800 now or finance the \$800, compounded monthly for one year and pay \$950 when the year is over. What is the annual interest rate t... Please provide Handwritten answer. Q8: Determine the "suitable" transformation steps put the Piece above the base. Then calculate their transformation matrix P(1.5,1,0) Q(4.1,4) Show the solution and the final answer. Use Operations and Composition of Function. Let g (x) - x 2 - 1 q (x) = JXH Question 7 10 pts Two harmonic sound waves reach an observer simultaneously. The observer hears the sound intensity rise and fall with a time of 0.41 s between the maximum intensity and the succeeding.... Problem 2 (20 marks) Let $B = \{0, 1\}$ and consider the function $f: 1N \rightarrow 0$, $fI'' = \{0, 1\}$ and consider the function $f: 1N \rightarrow 0$, $fI'' = \{0, 1\}$ and consider the function $f: 1N \rightarrow 0$, $fI'' = \{0, 1\}$ and consider the function $f: 1N \rightarrow 0$, $fI'' = \{0, 1\}$ and consider the function $f: 1N \rightarrow 0$, $fI'' = \{0, 1\}$ and consider the function $f: 1N \rightarrow 0$, $fI'' = \{0, 1\}$ and consider the function $f: 1N \rightarrow 0$, $fI'' = \{0, 1\}$ and consider the function $f: 1N \rightarrow 0$, $fI'' = \{0, 1\}$ and consider the function $f: 1N \rightarrow 0$, $fI'' = \{0, 1\}$ and consider the function $f: 1N \rightarrow 0$, $fI'' = \{0, 1\}$ and consider the function $f: 1N \rightarrow 0$, $fI'' = \{0, 1\}$ and consider the function $f: 1N \rightarrow 0$, $fI'' = \{0, 1\}$ and $fI'' = \{0, 1\}$ Natali... Please help me out with this. I am stuck. Thank you. This is for Discrete
Structures. . Question 16 10 pts For the binary relation $p = \{(0, 0), (1, 1), (2, 2), (4, 4), (6, 6), (0, 1), (1, 2), (2, 4), \dots help me naswer this thank you so much god bless advance merry christmas. Mathematics 10 # 8 500 Name: Section: Score: Direction: Answer the$ following questions/problems. Write the letter which corresp... please no copy by the answer" photons, referred to as the screen space....." .It is wrong... (4.) An observer (coordinate system) with 4-velocity U measures the properties of a particle with 4-momentu... suppose two parties A and B want to establish a shared secret key using the Diffie-expressions. (6 marks) a) 2axy - 4ax + by2 - 2by b) xy + 12 + 4x + 3y c) 5m 1 - 10m] + 13 - 21 Sir i am stuck for this question. The only units in the polynomial ring Q[x] are 1 and -1. In a domain the product of two irreducible elements is always irreducible. 1 point. (1) Option 5 EXAMPLE 6.6.3 For a surface of revolution defined by al = u' cosul, $x^2 = u$ sinu2, x3 = f(ul), where f is of class C2, find the Gaussian curvature k. refer to image for question. Suppose that the economy of a small nation has an electronics industry, and an auto industry, with the following technology matrix. ESA 0.6 0.2 0.2 Elect... I need help. In order to accumulate enough money for a down payment on a THE EXAMPLE IS BELOW. Brief discussion of the Project Proposal Design project proposal in the coordinate plane Information about the structure of the design. HALF INCH MARGIN This proposal... Costo de distribución. Suponga que el número de horas-trabajador necesarios para distribuir nuevos directorios telefónicos a x % de casas en cierta comunidad rural está dado por la función: f(x) ... Discuss the following methods in evaluating higher order determinants. 1. Pivotal Condensation Method 3. Transformation to Diagonal Determinants. 1. Pivotal Condensation Method 3. Transformation to Diagonal Determinant Please Help, number 5 and 6. 5- X1, ..., Xn is a sample with distribution with exponential distribution Exp(0) and it is known that 0 < 2. Hence, the range of the parameter we wish to estimate is... 900 bags of onions were purchased at \$2.51 per bag. The desired markup is 47% based on selling price, but 20% spoilage is expected. What should the selling price per bag be (in \$ per bag)? (Round your... Consider the function 1. (2 marks) Show that f is continuous at x = 0.2. (3 marks) Use the Limit Definition of the Derivative to explain whether or not f is differentiable at x = 0. Prove that for all n E N and all real numbers a1, . . ., an E [0, 1), n n 1 - Cai < II(1 - a;). i=1 j=1 Analyse and solve the Lotka-Volterra equations, but the prey-dependent growth r... I need all answers in full steps. 2.3 The school decides to renovate the classroom. (2) 2.3.2 Calculate the area of ... Research one of the methods or another method of your choice for factoring trinomials of the form ax² + bx + c. State the method you are using and explain the process of factoring a trinomial in word... Please help with the following, Thank you.. Question 2 10 pts Prove, by finding constants c1, ... Question 6 1 pts Compute the present value of an annuity in which hourly payments (8760 each year) of \$0.51 are made for 3 years at an annual rate of 1.1%. Round your answer to the nearest dollar. 7 What is the benefit of the Orthogonal Matching Pursuit (OMP) algorithm over the Matchin. Solve this quadratic equation using the Quadratic Formula, and then simplify. Select the correct radical) in the simplified expression. 3×2 - 16x = 55 0 4 O 2 O Not Rea... help please. Que numero de angulo representa un angulo advacente a Z D G A? Calculate , and B. (the point estimates of the slope and intercept of the regression line), and write down the estimated regression line equation of Y on X. (5 Marks) y1 Vi 40 2.5 130 3 155 3.1 160... Hi can you help me solve these questions. YOU CAN USE ANY TOOL TO ASSIST IN YOUR SOLUTION. WHEN USING TECHNOLOGY, PLEASE DEMONSTRATE IT BY USING SCREENSHOTS AND GIVE EXPLANATIONS. The sky crane was de... Suppose p is a zero of multiplicity m of f, where f (m) is continuous on an open interval containing p. Show that the following fixed-point method has g (p) = 0 Can you please check question 29, the answer is wrong unless something else is missing complete the following table: Purchase price of product (Land cruiser): \$67,900, Down payment: 47,500, Amount financed: ??, number of monthly payments: \$458, Total of In this question assume, for simplicity, that all functions are defined for all t e R. Diagrams may be helpful. Please feel free to use them in your solution. (a) Define the statement, "The f... I really need this answer no explanation, thank you so much. I will support your answer!. take out a loan for \$3,000. You pay back the loan with n annual payments of \$900 plus a smaller final payment of \$900 plus a smaller final payment of \$1,000. You pay back the loan with n annual payment so the form 0^ m 1^ n , where m < n , a CFL? Prove it. convert calculation convert 8 q into milligram convert 0.45 into microgram into milligram convert 3000 microgram into milligram convert 22670 mg into... how to solve the quadratic x 2 + x + 4 = 0, where $x \in F 5$, F 5 = (0,1,2,3,4) Mohon bantuannya kak saya blm paham. Midbalall & & 1. Berikut merupakan data jumlah protein yang terkandung dalam beberapa macam makanan cepat saji yang terpilih. 23 30 20 27 44 26 35 20 29 29... please assist. 5. A ball is thrown from the top of a building and lands on the ground below. The equation that best represents this toss is y = -5t- + 5t + 30, where h is the height above the ground ... Writing and lands on the ground below. Persuasive Message portfolio PROBLEM You are Cesar Gutiérrez, a claims adjuster for Statewide Insurance. Your job requires you to investigate automobile accident claims, negotiate settlemen... Consider a circle with an area size of 512 bytes, 2,000 tracks for each surface, 50 areas per track, 5 twofold sided platters, normal look for season of 10 msec. 1. What is the limit of a track in byt... Please show all work!. Let X, Y be sets and f: X -> Y be a function. Prove the following an equivalent: (a) There exists a function g: Y -> X such that fog = Idy (h) f is surjective. ?. WeBWorkSet5: Problem 3 Previous Problem List Next Problem (1 point) The figure below shows a function g(x) and its tangent line at the point B = (4.2, 8.4). If the point A on the tangent li... Please provide Handwritten answer Part A. Use the first central difference method to calculate the thigh angular acceleration in frame 22. Equation Sheet Central Difference Method Vi = (Xi+1 - Xi-1)/2... A man (call him person 1) owns a valuable painting. He wants to sell the painting to an art dealer who will pay R90 000. Two friends (persons 2 and 3) who know more about the art market offer to help ... Lesson Planning. Watch the virtual lesson entitled Year 4 Singapore Maths Mode Lesson: Measuring Area | Maths — No Problem! video link: After viewing the video clip, co... Only I'm expert in maths Ask any question in maths I will clarify it . After studying these examples, post a sample problem of s reel—mud situation that can be modeled using composite timotions. Include a mu solution for your problem. Look at the normal curve below, and find u, u + o, and a. 51 X H+ 0 = 53 X 2 87 89 91 93 On an 2n by 2n chess board, someone places pebbles on the squares of the board so that there are n pebbles such that no two pebbles sit o... refer to image for question. The following problem refers to a closed Leontief model. Suppose the technology matrix for a closed model of a simple economy is given by matrix A. Find the gross producti... Need some university mathematics applied mathematics application ideas, 2-3 paragraphs are enough, the best is how to bring applied mathematics into real life Please help me with the below theorem with clear proof solving step by step will be really appreciated... Theorem. Suppose a code C has minimum distance d. Then C can be used to (1) detect up to ... Please accept. JASPAL SANDHU 8. Simplify 14. Factor the Greatest Common Factor from a polynomial in the following questions. 50 a. 8p + 32p + 488(p' + 4p + 6) b. -16t2 + ... Solve using algebra. a) 2x-3 = 32 b) $5(10)^{*}+3 = 5000$ C) 33x+4 = qx+1 d) $16^{*}+1 = 83x-2$ e) $25^{*} = 125^{*}-5$ Create the following program exercises. Program #1: Write a function that asks the user to enter a life of 5 years. If a sample has 120 grams of radioactive material, what equation could be used to determine the amount of material remaining (y) after x Sugar content; in milligrams per milliliter, measured several times on each of three successive days. Can you conclud... I would appreciate it if sir/madam could help me with understanding this question immediately. thank you in advanced ! reciprocal transformation w=1/z, Find the image of Problem 1,2 Probl the steps (full working). E (x - ul) N You can use the STDEV.P function to... Need clearlt typed answer step by step in word or excal document. Please mark the answer. Thx. 65. The length of songs in a collector's iTunes album collection is uniformly distributed from two to 3.5... Sir i am stuck for this question. Task 1 The equation of catenary is given by the following second order differential equation: y''=5 x = 0, y = 100.2 x = 100.1, y = 100.1 Solve the above different... Please answer at least question 1, and anything else you are able to. Seriously what is the problemjQuery2240048540065706642155_1632077726407???? What requires edit?? asap. 3) Solve the following PDE: dxi otz ' - DO < x 5 00, : 20 subject to the conditions: u(x, 0) = cos(ITX), (0) = 1-x' 11, Find the equation of the vertical, horizontal asymptotes or holes for each function, (2, 3 marks) a) f x = -4 x - 36 x - 2x - 7 x - 4 X - 16 (20 Points) Consider the time series Xt = Bt2 + Et, where 3 is a known constants (3, 0) and et is a white noise
series with mean zero and variance o'. (a) Is Xt stationary? Show your argument. (b) Is V... A lawyer out of law school can expect to make \$US151,771 per year in the US. Assuming that lawyers work 40 hours per week and 52 weeks per year, what is the equivalent salary in Canadian dollars per... Complete the following MRP inventory record: (Fill in the blanks) Item X LT = 1 Week: 1 2 3 4 5 6 Gross requirement 390 420 440 Scheduled receipts 150 Projected on-... Physician ordered 0.75 g of sulfa. Lubel reads 250 mg per tablet. How many tablets would you administer? round the the nearest cent. Calculate the annual interest that you will receive on the described bond A \$1000 Treasury bond with a current yield of 4 2% that is quoted at 106 points The annual interes... Consider the following MRP inventory records for two items: Suppose that 4 units of item X is needed for the production of each unit of item X is needed for the production of each unit of item X is needed for the production of each unit of item X is needed for each unit of X is needed for the production of each unit of item X is needed for the production of each unit of item X is needed for the production of each unit of item X is needed for the production of each unit of X is needed for the production of each unit of item X is needed for the production of each unit of item X is needed for the production of each unit of X is needed for X is needed for X is needed for the production of each unit of X is Points] DETAILS PREVIOUS ANSWERS HARMA Solve the equation. (Give an exact answer. Do not round.) 10 X Need Help? Rea... Please! :). Show Intro / Instructions It takes Josh 15 hours to rake the front lawn while his brother, Blake, can rake the lawn in 12 hours. How long will it take them to take the lawn working togethe... Given the following information, answer the ensuing. • Cost C(g) = -10g2 + 200g • Price P(g) = -g2 - 3g + 249 • Quantity g and revenue $R = (P(g))(g) \ge 0$ 8.1 Price and quant... ACTIVITY 1. Calculate the fair market value of a cash flow stream that includes an annuity. Write your answer in a separate answer sheet. 1. Mr. Silva received two offers on a lot that he wants to sel... Pls kindly just select the right answers, no need for explanation I'm time limited. make this Negative exponent positives 9 - 3 93 (6) 1 19 3 () 1/9 3 (@) 7 29 write in exponential form 3/5 (b) 4... Exercise 3.25. Show that the sequence {sinn } nEN does not converge. For a student wanted to study if there is a significant difference in the number of deaths by 11 different types of death (heart disease, cancer, COVID-19, uninetional injuries, str... (i) Consider the periodic square wave x(t) shown below: 10 Determine the Trigonometric Fourier series representation of x (t). solve this. Directions: Solve the following problems with the use of Polya's four-step problem solving procedures similar on the presentation on this topic. 1. The sum of three consecutive ... Q3. Compute the discontinuity of the following functions f (z) = (z - 1) 1/n 1. f + AAAAAN where n is positive integer . I. f - Disc [f(z)] = f - f - 2. 9 (2) = (2 - 1) 1) 12 (2-2)'3 .9. Disc [... preview answer Remaining time: 93:35 (min:s Problem 2. (4 points) Suppose that the trace of a 2 x 2 matrix A is tr(A) = -72. Find the eigenvalues of A. smaller eige... - Using a world population predictor, show population growth and decay over 50-100 years of two different countries in the trace of a 2 x 2 matrix A is tr(A) = -72. Find the eigenvalues of A. smaller eige... - Using a world population growth and decay over 50-100 years of two different countries in the trace of a 2 x 2 matrix A is tr(A) = -72. Find the eigenvalues of A. smaller eigen world (one growth and one decay) - Using an exponential model, write an equat... the second 2 pictures are pages 640-641 from the textbook for Item 1. That's all the info we were given for the project. MAT217 Project 1 GREEN APPLE To: Business Analysis From: Tony the Wildebeest,... How much will Joshua pay in interest overall on a \$425,000 house if he makes monthly payments at an APR of 3.5% compounded monthly for 15 years? 2. Cynthia's retirement goal was \$400,000, which ... Demand, d, in Period 2: Demand, d, in Period 2: Demand, d, in Period 3: Demand, d, points) When we multiply 0.23 x 1.7 we first multiply as if the decimal points were not there: 1.7 x 0.23 51 340 391 and then we place the decimal point in the answer 391. a) How could a student... could you please help me with this and explain why?. 7. (a) For each x E (Z/7Z), find the least positive integer n such that x" = [1]. You do not need to show your working in this question. Please Help. 4- Let X, Y be rv's with joint density fxy (x, y) = C(x + y) for 0 < y < x < 1 and = 0 otherwise. (a) Determine the constant C so that this defines a joint pdf. (b) Compute the marg... Need desperate help!. Payroll Portfolio 1. At the Jackson Concrete Company, the regular work week is 40 hours. If an employee works more than 40 hours per week they are eligible to receive overtime pa... Interpret the following data. 1. Nora's score in a 50-item quiz in statistics is found on the 3rd quartile. 2. If Nora's score in a 50-item quiz in statistics is found on the 3rd quartile. Y. Prove the following are equivalent: (a) AXCCB XD (b) A C B and C C D. The following question is number 2 in a series. I have included the first question of the series with answer for context.. 2. Assuming the following relation of the series with answer for context.. 2. Assuming the following relation of the series with answer for context.. 2. Assuming the following relation of the series with answer for context.. 2. Assuming the following relation of the series with answer for context.. 2. Assuming the following relation of the series with answer for context.. 2. Assuming the following relation of the series with answer for context.. 2. Assuming the following relation of the series with answer for context.. 2. Assuming the following relation of the series with answer for context.. 2. Assuming the following relation of the series with answer for context.. 2. Assuming the following relation of the series with answer for context.. 2. Assuming the following relation of the series with answer for context.. 2. Assuming the following relation of the series with answer for context.. 2. Assuming the following relation of the series with answer for context.. 2. Assuming the following relation of the series with answer for context.. 2. Assuming the following relation of the series with answer for context.. 2. Assuming the following relation of the series with answer for context... 2. Assuming the following relation of the series with answer for context... 2. Assuming the following relation of the series with answer for context... 2. Assuming the following relation of the series with answer for context... 2. Assuming the following relation of the series with answer for context... 2. Assuming the following relation of the series with answer for context... 2. Assuming the following relation of the series with answer for context... 2. Assuming the following relation of the series with answer for context... 2. Assuming the following relation of the series with answer for context... 2. Assuming the following relation of the following graph. a. Identify the x values at which there are discontinuities. There are discontinuities at x = -1, 0, 1; b.... Annie bought one dozen smartphone for P200,000.00 with a discount of 5%. She sold half dozen at a price of P18,000.00 per uni. however, a new model of smartphone became available in the market, so she ... Hello can anyone help me solve the following problem please help. Irfan menyimpan sejumlah RM12 000 ke dalam sebuah akaun simpanan tetap dengan kadar faedah 3.5% setahun yang dikompaun setiap suku tahun. Hitung jumlah simpanan Irfan selepas 5 tahun. A. ... ar requires 61 litres of gasoline to travel for 726 kilometers. At the same rate of gasoline consumption, how far can the car travel if the gas tank holds 53 litres? e car can travel | kilom... Look for a circumstance in your life that requires integration (probably falling bodies or optimization, or separable differential equations). Design the problem, collect measurements, solve the pr... Please show all work!. Let X be a set and A C X. Prove the following set equalities: (a) And = 0. (b) AUO = A. The average size of a farm in the United States increased from 100 acres in 1920 to 700 acres in 1920 to 2026 if the money earned 2% interest compounded semiannually? i want to get answers. Activity 5 Directions: Following the procedure in calculating standard deviation, compute the standard deviation of the data
set in the box. Likewise, give the median and the mo... Danilo and his wife operate a restaurant where they sell all their meals for \$15.00 each. The markup on each meal is \$4.50 and overhead expenses are 19.00% of cost. a. How much does it cost them to... Let F = ri + yj + 2k be the position vector field on S. Show that it is not possible for F to be orthogon... P(red) 15 3. A magician asks you to think of a number from 1-10 and flip a coin. What is th cian will guess the number you chose and the side the coin lands on? Plz help with this applied math question. (c) How do you think the optimum values of the two IPs.) How many milligrams of doxapram should be administered to a 7 lb cat, if the dose range is 1-5 mg/kg IV and the concentration on the bottle is 20 mg/ml? A)9.5 B)0.59 C)21 D)0.21 A cat that weighs 5 kg... Sir i am stuck for this question . Part 2. (Up to 4 points) Explain in your own words what cach parameter A, B, w, and is in the sinusoidal model: f(t) = Asin(wt - \$) + B Your description should in... b) Consider the following optimization problem: min 5×1+5×2 s.t x1+x2>2 2×1 - x2 20 x1,x2 20 Using complementary slack, determine if x = (2/3, 4/3) is optimal. please help me to my activities 1 about the genetal mathematics. Learning Module for General Ma ACTIVITIES Activity 1. Given the following expression. decide whether each is a rati function, a rationa... Hi, can someone explain questions 3 and 4 please. Thank you Investigation: Bulgarian Solitaire Take some coins and arrange them into piles. You may make any number of coin... As part of your senior thesis project, you invented a new symmetry operation: a C n rotation followed by an inversion. (a) Using matrix algebra, construct the 3 × 3 matrix that describes this opera... The hours of sleep that citizens get on a typical night is shown in the table to the right. A researcher in sleep deprivation finds that the average human needs at least six hours a night to function ... Question 13 (1 point) How much principal will be repaid during the first year of end-of-month payments of \$640 on a \$27,000 loan at 9% compounded monthly? \$3,986.66 \$5,472.07 \$2,005.36 \$3,635.45 \$6,12... Which of the following constraint is monetonic (v is a real number)? I sum(profit) > v II average(profit) > v II average Research Question. Null and Alternative Hypotheses. Specify the alpha level. Identify the Critical Region. Compute the t statistic using 10 scor... Consider the system = dt dy = ity (a) Show that the only equilibrium solut... Use a tree to model the parent-child relationships in the following family. Paloma has three children: Shelly, Lulu, and Kerry. Shelly has one child, Bertie. Kerry has one of every month at 2.4% compounded monthly, t... choose the correct written expression for: (9 x 4) ÷ 6.. 2. Choose the correct written expression for: (9 x 4) ÷ 6.. 2. Choose the correct written expression for: (9 x 4) ÷ 6.. 2. Choose the correct written expression for: (9 x 4) ÷ 6.. 2. Choose the correct written expression for: (9 x 4) = 6.9 times 4 divided by 6 6 divided by 6 6 divided by 6 0 d. the product of 9 and 4 divided by 6 6 divided by 6 0 d. the product of 9 and 4 divided by 6 6 divided by 6 divided to Archimedes. Assume the compass has two marks on it, a distance r apart. Let BAC be an an... Let A, B E R such that both are Lebesgue measure. Let P be the plane with equation -x + 2y - 2z = 4. Find four distance $6\sqrt{2}$ to the point Q = (-4, 3, -6). R1 = (0, 0, 0) R2 = (0, 0, 0... i am supposed to make a questionnaire off of the topic 'does the location of stores affect the prices that are charged?' i need at least 10 questions about this specific topic... who's this?... 4610 tutors online Math Solver Textbook Solutions Upgrade to Premier stions d Mathematics Asked 7 As this waiting Payment y Viewed h-haromotorvolume5- 7.2 Considerese el siguiente grafo G. 2 I 4 5 I 10 6 G a) Es un grafo G. c) {Tiene camino de Euler? Si es asi, cua... Construct a truth table for the statement. (~U V ~s) -+ t Fill in the missing values in the table. Fill in from the US. what will the effect on the national welfare be on the EU, the US, and the world? given: us export supply of pork: q... Step 2: Review the completed UB-04 form in comparison to the data elements that were to be entered from the patient's demographic and visit data. Create a Microsoft Excel spreadsheet to record you... Section A -Previous content Question 1 Solve by completing the square, leaving your answers in simplified surd form when necessary: a) x2 - 4x-5=0 b) 2×2 - 5x +1=0 c) (2x -4)' = 8x [7] Section B - Cu... Consider a game where each round of the game involves flipping a fair coin repeatedly until either (i) a head is obtained. Let X be the random variable that represents... find the limit. If lim F(x) - 6 = 8, evaluate lim f(x) x-1 x-1 Grades and TV.Data were collected on thenumber of hours per week students watch TV and the grade they earned in a biology class on a 100 point scale. Based on the scatterplot and the residual plot provi... Help needed understanding . A jar contains 8 red marbles numbered 1 to 8 and 8 blue marbles numbered 1 to 8. A marble is drawn at random from the jar. Find the probability of the given event. (a) Th... please give me the right number . Given the following 10-digit mini-IEEE floating point representation 1 0000 00001 What is the corresponding decimal value? Note: You must give the EXACT answer. Ente... please help to solve 1a. 1. Use Laplace transform to solve the problem below. (a) $y'' + 4y' = \cos(t - 3) + 4t$, y(3) = 0, y'(3) = 7. (Hint: use substitution of variable to change the initial condi... Please do not copy from other links or websites. The solutions on other links and websites is incorrect. Problem # 1. Consider the equation ::= (3) from t = 0 to t = 20. Assume that y(0) = 0. The solution of equation 3 is y = 1 - 10t + 10... Can you show me how to solve this problem?. Question 3 0 / 1 pts Dakota works for Arizona Bath Company as a repairman. He earns \$12.00 for -:1:(1-3:) with IVP a:(0) = 3:0. (a) Determi... Numerically integrate the equation each fiberglass bathroom sink and \$59 for each fiberglass tub... A Web server has an original value of \$10,000 and is to be depreciated linearly over 5 years with a \$3000 scrap value. a) Find an expression giving the book value at the end of year t. Please provide clear and neat solutions step by step for these problems. I greatly appreciate it. Thanks! Exercises 2.1 1. Find the general solution of each of the following PDEs, where u = u(x,y) in... QUESTION 1 . 1 POINT The minimum wage had grown with inflation, what would have been the expected value in 2018? Round to the nearest cent. ... Answer with solutions on a paper.. A. Solve for x: 1. x' - 7x + 10 = x' + 5x - 10 5x + 1 2. 3x + 1 + 3 = 2 3x 12 3. 7 X+7 x+4. A. Solve for the specified variable. F 1. ; E H - E F-2e 2F 2. F M He-2E. B. Prob... Giving a test to a group of students, the grades and gender are summarized below A B C Total Male 14 6 7 27 Female 3 11 13 27 Total 17 17 20 54 If one student is chosen at random, Find the probability... How many ways are there to list 1, 2, 3, 4, 5, 6 in a row if 1 must not appear between 3 and 5? refer to image for question. Suppose that the consumer expenditure E (in dollars) depends on the market price p per unit (in dollars) depends on the market price p per unit (in dollars) according to E = 8,100p - 90p2. (a) Graph this equation with a gra... Trigonometric functions. 5.2 Given: f(x) = -x+2 and g(x) = -, which is not drawn to scale. X P and Q are points of intersection of the graphs. G E B 0 O g Determine: 5.2.1 The coordinates of P and Q. ... Scenario 3 Maha (12 years) is a committed environmentalist. She is involved with a local Landcare group and helps out in the community garden. Maha tells the Education Support Worker that the communit... This discussion will be a little different. First you must solve the following problem. Then discuss with your classmates pricing of items. Once you find the price that Janice pays for the perfume, wh... Question 13. 13. Write a possible equation for a polynomial function with the following characteristics. (3 marks) Degree 4, starting in the 2nd and finishing in the 1"t, order 2 at x = 3, zeros ... The following tables provide results related to an independent sample t-test. A researcher wants to test if levels of satisfaction to more satisfaction (measured from less satisfaction to more satisfaction (measured from less satisfaction to more satisfaction (measured from less satisfaction to more satisfaction (measured from less satisfaction to more satisfaction to more satisfaction to more satisfaction to more satisfaction (measured from less satisfaction to more satisfaction to more satisfaction to more satisfaction to more satisfaction (measured from less satisfaction to more satisfaction to more satisfaction to more satisfaction to more satisfaction (measured from less satisfaction to more satisfaction to more satisfaction to more satisfaction to more satisfaction (measured from less satisfaction to more satisfaction to more satisfaction to more satisfaction to more satisfaction (measured from less satisfaction to more satisfaction to more satisfaction to more satisfaction to more satisfaction (measured from less satisfaction to more satisfaction to more satisfaction to more satisfaction to more satisfaction (measured from less satisfaction to more satisfaction (measured from less satisfaction to more satisfaction to more satisfactin to mor ANT Can someone explain this? . Find the number of different ways that an instructor can choose 3 students from a class of 20 students for a field trip. Submit Question Use the power method to find the dominant eigenvalue and the corresponding eigen-vector of the matrix -2 A = 0 -1 A chain of resorts in northern Ontario rents a total of 1000 rooms. The CEO of the chain suspects that the number of rooms booked on
a summer weekend is related to the cost of gasoline. The line of be... Suppose that the size of a certain population is affected not only by birth and death, but also by immigration and emigration, and each of these occurs in a yearly amount that is proportional to the s... sir i am stuck for this question . 7. Given f (x, y) = x 2y and L(f) = xfx + yfy calculate Lx2 (f) xty business mathematics. Question 41 (1 point) Polar Bay Wines advertises California Juice listed at \$125 per bucket for a discount of 24%. A nearby competitor offers the same type of juice for \$87.40 pe... For the function: f [x] = $x+2/x^2+6x+8'$. 50% H 1. For the function (1 = \$12 N't68+8 a) State the equation of any holes, vertical and horizontal asymptotes, [3] b) State the domain of f(x) [1] ... please answer it thank you!!. Learning Questionnaire Answer Competencies 5. represents real- Tell whether the situations represents real- Tell whether the situations using 1. The budget of a universi... Check my w Bill Rose is a salesperson for Boxes, Inc. He believes his \$1,958.34 monthly paycheck is in error. Bill earns a \$2,200 salary per month plus a 8% commission on sales over \$1,500. Last month... Complete the following chart y - *-7x+12 x2-9 complete the following chart y - *-7x+12 x2-9 complete the following chart y = x2 - 9 x-intercept Point of Discontinuity paycheck is in error. Bill earns a \$2,200 salary per month plus a 8% commission on sales over \$1,500. Last month... Complete the following chart y - *-7x+12 x2-9 complete th Horizontal Asymptote Vertical Asymptote... The information in the following table shows the amount of sales and the profit from a small retail business in Whitby Ontario for the last 15 years. The years have not been provided as you will ... match improper fractions with mixed number provided below. 9 IMPROPER m IN ON CO | LO FRACTION MIXED NUMBER IMPROPER FRACTION MIXED NUMBER 49.... Find the power function is y = (Type an equation. Round to three decimal places as needed... Need a step-by-step example demonstrating the revised simplex process please!. 2. 8 points [Lecture 29 (Monday, Nov. 22nd) is required for this question.] Solve the following form: y t = $\alpha + \beta 0 x t + e t$ and $\sigma 2 i = \sigma 2 \log (x i)$ Which is the correct the transformations for Generalized Least-squares estimation? S... Please provide Handwritten answer. Known system state equation and initial state X, = U, X2 = X, Find the minimum of J = [, 2×3(n + luz(): with respected to u"(1). A company received from a dealer who wishes to offer a new generator to power their industrial hoist for the replacement of their existing unit. The company wants to know how much they could afford to... Let G be the additive group R x R and H = {(x, x) : x E R} be a subgroup of G. Give a geometric description of cosets of H. If N is a normal subgroup of order 2 of a group G then show that N c Z (G). ... corresponding dual optimal variables are y. Your friend claims that for the dual optimal variables, if ci + a, y; 2 0 for all i = 1, ...,n, where a; is the ith column vector of A, then you can directl... For the matrix N A = 1 -4 2 ER3x3 N 3 calculate (by hand) (a) 11/Allloo; (b) 11IA-'llloo; (c) Koo (A) the condition number of A for the co-norm. Note: if needed, the MATLAB command inv(A) computes ... Any thoughts. Linear Exponential Neither (Circle one) Explanation: Sir i am stuck for this question. Consider the initial value problem dy cos(4x) 4e4x + y = y(-8) = 9 dx Use the existence and uniqueness theorem for first order linear differential equations to deter... (15 points) Find the optimal integer valued solution to the following problem using excel solver: max $0.25X + 0.50Y + 3Z 0.8X + 0.2Y \ge 3$ $1.0X+1.5Y+3.0Z \ge 6$ 1.0X+0.6Y +2.0Z ≥ 4 X+Y+Z ≤ 6 X, Y, Z $\ge ...$ Evaluate the integral using contour integration and the calculus of residues. Be sure to discuss the behavior of your contour in the complex plane $\int -i n f i n f ...$ can a function which is purely real valued be analytic? describe it's behavior. 3. Can a function S(2) which is purely real-valued (Le. Off(a)] =0) be analytic? Describe the behavior of such functions... Find the determinant of each matrix. 6 - 3 2 42 1 6 2 3 - 1 2 1 2 28 7 4 0 2 4 - 10 5 2 14 3 2 2 5 6 8 2 - 1 - 41 214 8 3 5 - 3 11 0 2 5 19 0 0 4 0 0 0 3 - 1 OC 2 2 7 - -1 2140 need help with question 5. thanks. 5. Prove that every p E Pn has a unique representation of the form p(x) = do + aIT1(2) + ... + anIn(20), where Tj, for j = 1, ..., n are the Chebyshev polynomials of... Timelimit: 2 hours, 30 minutes. 1:00:09 remain Show Intro/Inst Use the information in the pie chart to answer the questions below. Cal Poly Enrollment for Fall 2004 Business 3 20 Engineering Architect... need help really bad dont mind if theres only process need partial credit for it. 11.39. Show that the differential equations of the geodesics on a Monge patch x = we; + vez + f(u, v)e3 are (1 + p2 ... A new town in Maryland is planning its fire department and decides to open p fire stations in the State. In terms on planning, the state has been divided into n regions (p << n), each one of the... (b) Find the interquartile range. (c) Make a frequency table using five classes. class 31-38 39-46 47-54 55-62 63-70 F Then estimate the mean and sample standard deviation using the frequency table. (... Let F : R4 - R3 be given by F(x) = Ax where 1 - 1 2 - 2 A = -3 3 1 4 - 3 3 8 2 (i) Find a basis of the range (or image) of F. (ii) Find a basis of the kernel of F. Hint: The matrix A has rank 2. Please provide Handwritten answer. A regular inspection for a pipe network is conducted at six different regions (denoted 1, 2, 3, 4, 5, and 6). An engineer needs to develop a maintenance schedule for... Ouestion 3 A A private bank has installed an ATM in the city bazaar area. It was found that the time between an arrival and completion of transaction varies from one minute to seven minutes. The arriv... Question 2 1 pts Find the future value annuity whose annual rate is 1.2% with daily compounding. Round your answer to the nearest thousandth place (3 digits after the decim... How many proofs of (P → P) are there (where P → P is at the bottom of the proof and all hypotheses are discharged)? only 1 an infinite number only 2 0 I have just started propositional logic and symb... Calculate a student's kinetic energy when she is running at a speed of 5.5 m/s. Her mass is 46 kg. GRAS You toss a pair of dice. (a) Determine the number of possible pairs of outcomes. (Recall that there are six possible outcomes for each die.) (b) There are three even numbers on each die. How many outc... Exercise 2 1. The ages of the Vice Presidents of the United States at time of their death are listed below Construct a frequency distribution using 7 classes. 90 83 80 73 70 51 68 79 70 71 72 74 67 54... 5) (4 points) There are three even numbers on each die.) rectangle of Xs below is = of another rectangle and explain how to determine it. Use our definition of a fraction in your explanation. XXX XXX ... In a test, students averaged 8.4 marks with a standard deviation of 3.5 marks. A lecturer took a a random sample of 36 students. You are further told that the test marks are skewed to the right. a) Ch... With the following data in 6 cities calculate the coefficient of correlation by between the density of population. Cities A... business mathematics. Question 52 (3 points) It helps in comparing costs and revenue A dividend of \$3060 is to be distributed among three shareholders in the ratio of shares held. If the three shareho... general mathematics. The inverse of fifth root is V5 b. to the fifth p Suppose X~N(18,2), and x=22. Find and interpret the z-score of the standardized normal random variable. The z-score when x=22 is what? This z-score tells you that x=22. is what... For nos. 6 - 8, arrange the following decimals in increasing order. 6. 14.001, 140.001, 14.010, 1.4010 7. 5.8232, 52.832 8. 0.0001, 0.001, 0.001, 0.0001, 0.001, 0.0001, 0.001, 0.0001, 0.001, 0.0001, 0.001, 0.0001, 0.001, 0.0001, 0.001, 0.0001, 0.001, 0.0001, 0.001, 0.0001, 0.001, 0.0001, 0.001, 0.0001, 0.0001, 0.001, 0.0001, 0.001, 0.0001, 0.001, 0.0001, 0.001, 0.0001, 0.001, 0.0001, 0.001, 0.0001, 0.001, 0.0001, 0.0001, 0.0001, 0.001, 0.0001, 0.0001, 0.001, 0.0001, 0.001, 0.00 contains subset that sums to t Given 3-CNF-SAT is NP-complete, a r...
What is it about mathematics that might have changed your thoughts about it? Prove that 2 1 f = 0 (g), g = 0 (f) D Is 9 : oct ? 9 Is f = Dog ! 6 Is g = Ref ! 1 solve the problem write an equation in the standard form of the parabola that para small... Sir, i am stuck on this question By using this information sir i need only part 1.4 D. 1 Problem 1: Lasso and L1 norm All parts of this problem are written. Let y = (y1, ..., ya) E Rd be a vector and... 15) Using excel and provide screenshots: a) Calculate the median number of medals for each medal type, stating the formula you would use for determining the median for the gold medals. b) Calculate ... Total world consumption of crude oil are 1.6 trillion(1600 billion) ton... FarT D: Communication 1. Describe the proof of the identity shown below using proper e for each line of the left side. (5 marks) 1 = secxtanx CSCX- sinx L.S. =- 1 1 - sinx sinx 1 1-... Please provide Handwritten answer. In triangles ABM, BMC and CMA have 20%, 10% and 70% of the total area of ABC. Where are points P, ... Set up an algebraic equation, and then proceed to solve the equation for the following problem. The Fanshawe Red Zone had a sale on T-Shirts. An Adult size T-shirt was on sale for \$14.50 and a Chi... exercise B. Look at the bifurcation diagram of the lac operon on p. 159. Draw the phase portraits for the two bifurcations (ie. for the two values of r for which a bifurcation occurs). Wha... TOPIC : INTERESTS AND ANNUITIES. 1. Php 17,000 is invested for 5 years at 0.15% simple interest. How much is the future value? O Php 12,275.00 O Php represents 1 company. 45 46 47 48 49 Number of Employees Find the mode using the above data dot plot... Pregunta 4 y =-x-x- d' y Sin finalizar dx2 Puntaje de 1.00 Seleccione una: Senalar con bandera la O = 0 dx 2 pregunta 6 day : -2 dx - O day = 2 dx - O day intro/instructions Tickets to a Broadway show cost \$40 for adults and \$15 for children. The total receipts for 1720 tickets at one performance were \$54,550. How many adult a... Maths 3. Question 3 [6 points] WestCo is offering its preferred customers a 5% discount on its most popular product normally listed at \$72 each. a) What is the net price of each product to WestCo's pr... Consider a = 5i + 2j and b = -i + j. Find the indicated vector. proj(a + b)a (q) Medical doctors implementing a system of priorities for treatment of victims draw the recursion tree to analyze. T(n) = (2) + T(3) + n Then use the substitution method to verify your solution. Lynjoy had to drive to London, Ontario. She drove 100km per hour. If London is 645.5km away, how long will she be driving? How far did she get after 90 minutes? Detailed explanation please, thank you. This is Numerical Analysis. Let b = (0th)-f(0-h) is approximation of f'(0) for f(x) = x5/3. Let the error |4 - f'(0)| is given the 2h table below. Find S theo... How many integers between 1 and 1500 are either a multiple of 3 or 5? [Hint: Exclusion-Inclusion]. 7. A TV channel has ten minutes commercials per 90. What is the expected number of times you could randomly you could randome select this channel without hitting a commercial? [2T/1A] 3. A compute... Find the Cost equation for Total Profit (Profit P (x)). b. For the manufacture... A company distributes college logo sweatshirts and sells them for \$45 each. The total cost function is linear, and the total cost for &0 sweatshirts is \$3384, whereas the total cost for 200 sweats... Sir i am stuck for this question . According to a carmaker, (exax gives the number of workers required to produce a car. Comment the carmaker's assertion (one sentence is enough) Two numbers are randomly selected without replacement from the set $\{1,2,3,4,5,\}$ What is the probability that the sum of the two numbers is odd? logarithmic differentiation to compute f'(x), where f (20) = ex (x2 + 1) 4 x3(1 - x)5' Write a process problem for students to solve that involves an everyday situation activity and counting days between calendar dates over three different months. part is used for your score. 1. [-/1 Points] DETAILS HARMATHAP12 6.5.003. MY NOTES ASK YOUR TEACHER A debt of \$7000 is to be amortized with 12 equal semiannual payments. If the interest rate is 11%, c... this is sum for my practice but i am not able to solve it. 4. A computer store lists a laptop at \$600.00, less two trade discounts of 15% and 10%. An electronics store lists the same model laptop at \$... Is it true that for all subsets A and B of a set U, there is a subset X of U for which A4X \subseteq B4X? If there is such an X, then prove it (in particular, say what X can be, and prove your assertion); i... analyze profit functions. For a certain company, the cost function for producing a items is C(x) = 50 a + 200 and the revenue function for selling a items is R(x) = -0.5(x - 110)2 + 6,050. The maximum... Find f (a), f (a + h), and the difference quotient f(a+h)-f(a)/h of (a), f (a + h), and the differenc Convert the mixed number into decimal form. Type an integer or a decimal.) 0 Question 12 v < > E 0/5 pts '0 65535 2 Find the position vector for a particle with acceleration, initial velocity, and initial position vector for a particle with acceleration, initial velocity, and initia Sets a.) (10 points) Let C be a convex set in R" and let d be a fixed non-zero vector in R". Prove th... Could you please help me?. 1. When drying a synthetic-fibre shirt in a clothes dryer along with other clothes, the shirt gained a surplus of 3.2 x 10" electrons. Determine the charge, expressed i... Write the word name for the value of the underligned digit in each whole number. For example, the value of 2 in 524 is twenty. In the following the symbol for the first derivative is dy/dx or Y' and the symbol for the second derivative is d 2 y/dx 2 or Y'', all of which are standard symbols for derivatives. ?... How are this numbers obtained using excel solver?. From To Distribution Centers Pontiac Cincinnati Dayton Atlanta Milwaukee 0 O 0 10000 Dayton 15000 0 Cincinnati 16000 0 Buffalo 9000 bo O 10000 Atlant... Please answer the following question using the Euler method. 2.8.3 (Calibrating the Euler method) The goal of this problem is to test the Euler method on the initi... Please slove This question . Section 15.6 For the following exercises, find f' (x). 76 f(x) = $(x^{3}+4)'$ 77 f (x) = $(5\times2 - 10x)$ 5 78 f(x) = $(4\times3 - 3\times2 - 2x)$ 6 79 f (x) = $(4\times3 - 3\times2 - 2x)$ 7 7 f (x) = $(4\times3 - 3\times2 - 2x)$ 7 7 f (x) = $(4\times3 - 3\times2 - 2x)$ 7 7 f (x) = $(4\times3 - 3\times2 - 2x)$ 7 7 f (x) = $(4\times3 - 3\times2 - 2x)$ 7 7 f (x) = $(4\times3 -
3\times2 - 2x)$ 7 7 f (x) = $(4\times3 - 3\times2 - 2x)$ 7 7 f (x) = $(4\times3 - 3\times2 - 2x)$ 7 7 f (x) = $(4\times3 - 3\times2 - 2x)$ 7 7 f (x) = $(4\times3 - 3\times2 - 2x)$ 7 7 f (x) = $(4\times3 - 3\times2 - 2x)$ 7 7 f (x) = $(4\times3 - 3\times2 - 2x)$ 7 7 f (x) = $(4\times3 - 3\times2 - 2x)$ 7 7 f (x) = $(4\times3 - 3\times2 - 2x)$ 7 7 f (x) = (4\times3 - 3\times2 - 2x) 7 7 7 f (x) = $(4\times3 - 3\times2 - 2x)$ 7 7 f (x) = (4\times3 - 3\times2 - 2x) 7 7 f (x) = (4\times3 - 3\times2 - 2x) 7 7 f (x) = (4\times3 - 3\times2 - 2x) 7 7 f (x) = (4\times3 - 3\times2 - 2x) 7 7 f (x) = (4\times3 - 3\times2 - 2x) 7 7 f (x) = (4\times3 - 3\times2 - 2x) 7 7 f (x) = (4\times3 - 3\times2 - 2x) 7 7 f (x) = (4\times3 - 3\times2 - 2x) 7 7 f (x) = (4\times3 - 3\times2 - 2x) 7 7 f (x) = (4\times3 - 3\times2 - 2x) 7 7 f (x) = (4\times3 - 3\times2 are missing values in the dataset. Identify the location of missing values using the Conditional Formatting function i... Judy has taken 45 credit hours this semester, what GPA of 2.85. If Judy is taking 15 credit hours and has a GPA of 2.85. If Judy is taking 15 credit hours this semester, what GPA does she need to earn to remain LIFE eligible (ie, earn a cumulative GPA of 3.0 by the e... Here is a Linear Programming Problem. The primal solution to this problem is: $x_{-} = (0, 0.9, 0.7)$. Ivfinimize: $2 \times 1 - 6 \times 2 + 8153$ Subjected to: 1-4: 1 + 2136; $-7 \times 3 = 14$ (p1) $9 \times 1 + 3 \times 2 + 9153 = 9$ (p.... Solve the linear system below, by ha od. using GaussJordan elimination. {Be sure that you are comfortable solving such systems by hand as it will be required on exams. Be estimated on example on exams. Be estimated on example on exams. Be estimated on exams. Be estimated on exams. Be estimated on exams. Be estimated on example on example on example on example on example on exams. Be estimated on example o oecialty careful that 8 64 X=0.25 Cp.max x + 72x* + 124×3 + 38×2-63x - 12[In(x)] -4x 72923 5 x=(1 - 3a2) Please use the equation above to calculate Cp.max for a blade operating at a tip speed ratio of 4.0. Show the calc... How many non-zeros should one require on a solution for it to be the unique minimizer of (P 0) if the matrix A has columnsed at a tip speed ratio of 4.0. Show the calc... How many non-zeros should one require on a solution for it to be the unique minimizer of (P 0) if the matrix A has columnsed at a tip speed ratio of 4.0. Show the calc... How many non-zeros should one require on a solution for it to be the unique minimizer of (P 0) if the matrix A has columnsed at a tip speed ratio of 4.0. drawn iid from a Gaussian?. How many non-zeros should one require on a solu... for question 6 I need full explanation also don't use calculus or college mathematics use Grade 12 advanced function information and... Given a: E R and v E R. consider the following function flay) = 333 -311; -2) + (y -2)3 a) Find all critical points of f. Please show calculation steps. b) Compute the Hessian matrix of f. ... Sir i am stuck for this question table for the area with the points P = (0, -2, -1), Q = (5, 3, 4) and R ... Complete the amortization table for the first 4 years concerning a mortgage loan of \$90,000 with 8% interest rate and a monthly payment of \$694.63, using the following format: Payment Monthly Intere... Use the fact that "if A = -: n EN), then inf A = 0" to prove that if $x \in R$ with x > 0, then there n is n E N such that n > x. [2] If Era theA AMC is bounded below and (since PEER S... What are the R2 and Adjusted R2 values for this model? These are not the right answer?!?!?. Return to question Lai Xiaodong, a 22-year-old college-educated man, accepted a job at Foxconn Technology (where the iPad was being produced for Apple) in Chengdu... (12 points) Prove via induction n! > 2" for n > 4 Person A deposits \$2800 in an account that pays 8% interest compounded once a year. Person B deposits \$2400 in an account that pays 9% interest compounded monthly. Complete parts (a) through (c) below... gambar ini mempunyai lebar yang dua pertiga dari panjangnya. gambar tersebut? applied statistics. 8. . A Nielsen survey provided the estimate that the mean number of hours of television viewing per household is 7.25 hours per day . assume that the Nielsen survey involved 200 ho... A particular gun-control bill is being sent to the U.S. Senate to be voted on. Each of the 50 states has two elected senators eligible to vote. To try to predict the outcome of the upcoming vote, a ne... (a) Find the function f(x) which satisfies the following condition. (s + 2)e-2s CIf(x)] 82 + 48 + 8 (b) Solve the following initial value problem. y''(x) + y(x) = H(x - 27); y(0) = y'(0) = 0. The average monthly temperatures ("C) for Norah Head are given in the table below. Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 25.1 25.0 24.3 22.6 20.1 17.8 17.3 18.5 20.2 21.7 22.5 24.7 ... Find an equation of a sinusoidal function flipped on the x-axis, with an amplitude of 3, an equation of axis y = 0, and translated 90 o to the left. In RSA algorithm, assume B use key (k, m) = (11, 35) and A returns message X = ask mod m is 12 mod 35. Find a mod m. Let x E R" be an arbitrary vector. Recall the p-norm of x is defined to be: n i=1 Prove the following results: (a) (10 pts) || || 1 < vnllac| |2 (b) (10 pts) || ac || 2 5 Villalloo (c) (10... p(x) = $3(x^2 + 10x + 5) - 5(x-k)$ In the polynomial p(x) defined above, k is a constant. If p(x) is divisible by x, what is the value of k? (5). (20 points) Consider the following subspaces of RA: U = span(U1, U2, U3) = span{ (1, 3, -2, 2), (1, 4, -3, 4), (2, 3, -1, -2) } W = span (W1, W2, W3) = span { (1, 3, 0, 2), (1, 5, -6, 6), (2, 5, ... Exercise E. Answer the following: 1. Let A=(2,3,4) and B=(6, 8, 10) and define a relation R from A to B as follows: For all (x,y) E AxB, (x,y) E R means that = is an integer. a. Is 4R6? Is (3,... Use what you have learned about exponents to rewrite the expression.. 5×72 12×314 [6 marks] Find all horizontal and vertical asymptotes of f (x) = V312 + 2 2 + x 0/4 Question 23 A child weight in Kg? (Round answer to the nearest tenth (one decimal place),) 4.90 16 15 f4 OI 13 12 ? & Problema 3 Plantea la integral que se requiere para calcular la masa de un alambre de densidad constante p grs / cm'y de seccion transversal A cm suponiendo que la forma del alambre es la function f(:1:) = D. Show that f'(:r:) has at least 99 points where f'(:1:) = 0. For the following graphs please indicate: The type of function being represented The values for the variables in the function (as specified under the type of graph) The equation of the function show... Use the divergence theorem to find the outward flux ff (|= -n) d5 of the given vector field F. s F = y3i + x3j + 23 k; Dthe region bounded within by z = 42, z = 24, z =0 (Assume... Solve the following problem.. Find the number of compositions of n > 1 with an even number of even parts. O engenheiro de operações de uma distribuidora de um instrumento musical acredita que a demanda para baterias pode estar relacionada ao número de aparições na televisão pelo popular grupo de roc... 16 x 5/9 x 2 1/2 (multiply and reduce to lowest terms) Consider the formula. If the interest conversion period is longer than the payment period, then c is: Select one: a. a number > 1 b. a negative... General Mathematics: Give the Correct Answer and Show Complete Solution: Practice Exercise 3. Complete the table. Calculate the missing data. Company A Company C Company D Sales Revenue P 2... Brandon and Jess meet at a corner, chat for a bit then head off. Brandon walks south 15 m and Jess walks east 8 m. How far are they apart now? (Show diagrams.) (Pythagoras) college mathematics. The citizens of a city were asked to choose their favorite type of pet. The circle graph shows how the citizens answered. If 105,000 citizens answered the question, how many chose... The table below shows some of the work in solving: Maximize P = $25 \times 1 + 15 \times 2$ subject to $1 + 3 \times 2$ 16 $1 + 2 < 10 \times 1 + 2 \times 1 + 2$ Give the Correct Answer, Explain (Analysis), and Show Complete Solution. (See comments also. Thanks) If P5,000 is placed in a fund at the beginning of each 3 months and t... Maths. Question 7 [8 points] A television stand had a markup on cost percentage of 45%. The cost of the stand was \$140. During a clearance event, the price was reduced to \$124. For full marks your ans... what kind of number do we get if we square two consecutive triangular numbers and subtract the smaller square from the larger? Mathematics in the Modern World. 1) The table below shows the number of mail carriers and the population for two cities, Spring Valley and Summerville. The postal service is planning to add a new mail... Let S be any sample space, and E, F and G be any three events. Describe the event that E and G occur, but not the event F. For the DDE Y'(t) = 3Y(t)-Y(t-0.1), use Euler's method to approximate Y(0.2). Use a step size of 0.1 and assume that for ts0, Y(t)=41+2 Answer: ompany manufactures four products A, B, C, and D. The profits are... company manufactures four products A, B, C, and D. The profits are Birr 13, Birr 14, and Birr 14, 5 respectively. The fir... (40 points) Consider a dataset on 526 individuals, recording their average hourly earning (Wage). The explanatory variables are Education: Years of Education Married: Dummy variable, 1 if married Depe... Find the probability of the given event. A card drawn from a well-shuffled deck of 52 cards is an ace or a 7.08 O 2.13 O 4 13 13 2 Evaluate the integral using Integration by Parts: (5 pts) $4e_4x + 3 \times 2a$. [He Jex + $x_3 + 11$ [x' In xdx U = du = du = du = du = ... Please explain in detail. Which among these method is more accurate? O a. Euler's method O b. The 4th order of the Taylor's series O c. The 3'd order of the Taylor's series O d. The 20d order of the Taylor's
series O d. The 20d order of the Taylor's series O d. The (3) (4 points) Find ... 3) (10pt) (Tensor) Given two vectors x and y (w.r.t. x, -X, -x,). In a rotated coordinate system X1 - X2 - x3, the same two vectors take the form x' and y'. Find out if the scalar dot products x.... Please help me with homework problem and explain in detail Consider the van der waals equation (P+a/V^2) (V-b) -RT=0 P is pressure, Im not batman. A cardboard box with an open top has base of 24 inches by 18 inches and height of 12 inches. The base has four flaps that touch in the middle as shown below. What is the surface area of the cardboard ... this is the question. V molar volume, T is temperature, and R, a, and b are constants. Us... Batman can't fly. I can't fly. Previous Page Next Page Page 1 of 10 Question 1 (1 point) Listen The correct order, smallest to largest, for the numbers 1/1000, 1/10 and 1/100 is: 4 (a) 1/1000, 1/10 and 1/100 is: 4 (b) 1/1000, 1/10 and 1/100 is: 4 (b) 1/1000, 1/10 and 1/100 is: 4 (b) 1/1000, 1/10 and 1/100 is: 4 (c) 1/1000, 1/10 following 7 terms. Find the r... The US News & World Report periodically provides its ranking of universities in the United States and in a recent year the rankings for Princeton, Harvard and Yale 1,2,3 respectively. What is the ... Which term of the progression 4,9,14,.... Is 109? 12 18 20 22 please solve this question. What will be the maturity value of a 530,000 deposit 120 days from now at 5.75%? You are going to receive two separate payments of \$580 in 2 months. If the Find the effective annual yield is %. (Round to three decimal places as needed.). Suppose t... The table shows the points in graphing y -) x). when is the value of y is drained by getting the absolute value of x. I. Complete the table below using the equation y = | x | - 8. Graph the poin... I just need help with parts b and c, I want to check that my functions are correct :). 5. (40 points) The word UKLGQOCAA has been encoded with our class' secret-sauce algorithm! The multiplicative val... Let R be a commutative ring with two ideals I, J. Show that (alt] := a+baEl, be J) is an ideal. (b) In J is an ideal. (b) In J is an ideal. (b) In J is an ideal. (c) In J i

solve. 4) If the total revenue function for a computer is $R(x) = 45x + 3x' - x^* a$) Find the level of sales, x, that maximizes revenue. b) What is the maximum revenue in dollars? The assumptions are satisfied: It is a simple random sample the null hypothesis H 0: $\mu = 3.15$ State alternative hy... (6 points) Suppose K = 28 - 53 - 11, L = 24 - 5. 115. 23. Find the following. a. LCM (K, L) in factored form = b. GCF (K, L) in factored form = b. GCF (K, L) in factored form = c. Number of factors of L = route. 7. (5 points) Find an optimal Route inspection route starting at vertex A. Compute the length of this E 70 70 B 50 F 50 50 60 60 A 50 H D 120 50 70 C 70 C 70 G The three cities that you choose to visit (one in Europe, one in Africa, and one in Asia) will most likely form a triangle. Do some research to find the distances between your cities, and calcul... Problem #16: Consider the following Klein-Gordon equation [2 marks] azu at 2×2 + 64u = 0, xER, 1>0, subject to the initial condition u(x,0) = f(x) = 1+ $812: 4_{x}(x, 0) = 0.$ (a) Find the Fourier tran... The following table shows the distance between houses (nodes) that Tim's Cable Company needs to connect. From Node To Node Distance 1 2 120 2 3 100 1 3 200 2 4 150 2 5 120 3 5 90 4 5 170 Question 1: ... Consider the following model: X' = aX + by Y' = cXY + d Let's identify the state variables and parameters of this model. State variables: X, Y, d Parameters: a, b, c State variables: X, Y Parameters: ... Given the graph f(x) = ax + b. The value of a and b respectively are and translate a statement such as 'The sum of twice a number and 6 is equal to the difference of the number and 9' write an equation using the definitions of the terms used. For example, sum means to ... Question 2 1 pt Find the present value annuity factor for a 11-year annuity factor throwing a bag of flower seeds randomly over the field, hoping to attract bees. A bee is attracted to flowers if there are at least 3 that are wi... Consider a dataset {(x1, y1), (x2, y2), where x1 = (1, 0), y1 = 1, x2 = (-1, 0), 92 = -1. a) What is the optimal solution w*, b* to the following optimization problem? You may do this by inspection. m... 2 44k Inc., must decide whether to build single fami... A woman has \$50,000 to invest. She has decided to invest all of it by purchasing some shares of stock in each of three companies: a fast-food chain that sells for \$50 per share and has an expected gro... Explain in a few sentences what it means to operationalize variables . 2. Create a 7×8 (seven by eight) table. Include this table in your paper. Which VARS are in the ROWS (Y axis) and which VARS... Consider again the Examination Data used in Exercise 3.3 and given in Table 3.10: (a) For each of the three models, draw the P-R plot. Identify all unusual observations (by number) and classify as out... this is confusing I have tried 4 times and still . Quiz: 10.5 Chapter 10 homework x y! A rocket is launched at an angle X | Course Hero x E Decimal Degrees to Degrees Min x C Cheg... Which of the following algebraic expressions should be used to model the sentence below? The sum of three consecutive odd integers, if x + 1 is the first odd integer. Ox+1+x+3+x+5 Ox+1 +x+2+X+3 Ox +x+... It may be shown that sin () lim = 1. I+0 Using this fact, find a) lim +0 sin(x), lim z+0 cos(x) cos(T) - 1 b) lim, +0 sin(3x) c) lim z+0 sin(5x) sin(a) + 3×2 d) lim z+0 sin(5x) sin(a) + 3×2 sin(5x) sin(a) + for f on an interval [a, b], where 0 < a < b. Is f inte... Will targets be used and if so, where will they be positioned in terms of discrete distance (eg. spanning the operati... TRY Solve the system of the system of the system and B is column free. A = ; B = A ; B SYTEM OF LINER EUQATION.; B = A = ; B = ... 17. 1 Realizar 3(11x - 3)(x - 7) + 12 = (x - 8)(x - 7) + 32x 2 - 7x + 20 2. 3. Resolver por sustitución 7x + y = 120... sir i am stuck for this question. 2. (4 MARKS) Let d = (2, -1, 1) and b = (1, 1, 2). Find | 6 - proj- 6' | l. (a) (b) 10 109 (c) 3V2 (d) 2v3 (e) None of these a b C d e Specifically using the keyhole method since this is a fractional exponent. . Evaluate dx, where 0 < a < 1 and a > 0, using the residue theorem. 0 (x + a) 3 Complex Numbers, Polar Forms, Roots, Planar sets. The following 5 problems - 1. Solve the system of equations and write your answer in the form $z1 = a1 + a^2 +$ bli, $z^2 = a^2 + bai$, where a_1 , a_2 , b_1 , $b_2 \in R_{...}$ MA 161 discrete mathematics. What is the decimal expansion of the integer that has (CD): as its hexadecimal expansion? Detailed explanation using the cancellation property of multiplication Please provide Handwritten answer. Consider missing information from your side.please provide the answer I'll give instant thumbs-up. Problem 1 (10 points): Derive a closed-form solution to the optima... _ Downloads X 293124072_Linear_Relation X 5 293124075_Linear_Relation X 5 293124075_Linear_R X 5293124083 Linear Relation X Untitled.notebook X C . File | C:/Users/khadi/Downloads/293124086 Line... Write down a general Bezier curve of order 4 in parametric form. How many control points does it have? Week 4 - ALEKS Assessment 1 Question 9 of 20 (5 points) | Question Attempt: 1 of 1 Time Remaining: 3:10:56 spent. Three gardeners trimmed bushes in a large courtyard. The table below shows the number ... A triangle has base whose expression 2: + 1 and height 4: - 3. A rectangle has length of 8x + 5. Determine an expression the difference between the areas of thI't... Let V be the set of all ordered pairs of real numbers, and consider the following addition and scalar multiplication op erations on u = (#1, #2) and v = (v1, U2): utv= (#, + u + 1, #2 + 2 + 1), ku ... Order: 0.5g of Risperdal TID Available: 125mg tablets will the nurse administer in 24 hours.? Consider a passenger aircraft whose attitude relative to an inertial reference frame is described by the 3-2-1 Euler angle sequence Fi 2. where 19, w and d: are the aircraft's yaw, pitch, and roll a... Given AABC, where A(1, -3), B(2,5), and C(x, y), where x = your first initial and y = your last initial and y = your first initial and y = your last 2) -so x(2x - 3) b) (2x-1)(x+2)(2x+1)(x+2)(2x+1)(x-2)X - (2x-1)(x-2) = 0 so X X Can you please help me with the figure shown in the attached screenshot?. Find AC, if possible. - 5 0 1 2 - 5 1 A = C = 3 - 13 0 3 - 5 - 1 5 4 Select the correct choice below and, if necessary, fill in th... There is equation $f(x) = x^4 - 4x^2 + 4$. The problem is of computing the positive root of f(x) = 0. 1. If possible, determine starting points a, b in the bisection method that will guarantee conve... We are doing problems with regards to mathematical induction and minimum counterexample. Please can you show all the steps on how to approach the problem. Use the method of minimum counterexample to ... Fish Oil: A bottle of fish oil contains 60 soft gels, each containing 400 mg of the omega-3 fatty acid are in this bottle? There are grams of omega-3 fatty acid are in this bottle? There are grams of the values of A and B. 2. [1... An American company from Chicago Illinois exports some agricultural machinery to Medellin, Colombia. The Colombian buyer pays in Euros for these products. Which of the following names will appear in t... Solve the equation 92x-1 27 +1 Enter the value of x. Sir i am stuck for this question . Question no 2: Find the general solution of the differential equation y" - 2y' - 8y = 40 sin (2x) + 80e -41 Which of the following affects the accuracy of measurements? And why? A. The unit of measurement C. The skill of the person doing the measurement D. Th... how long a tape does a police officer need to record a 2 minute confession at an operating speed of 71/2 inches per second if you bought 2,1/2 sack of mango and you gave 1,1/3 sack to your friend, how many sack of mango account paying 3 1/2 % compounded daily. She then deposited \$270on May14 and \$530May23. Find the balance on June 30 and the interest earned... Topic : Matrix Multiplication Q1. Perform the indicated multiplication if possible. (Enter NONE in any unused answer ... Please see attached and provide explanation as I I need to understand fully the calculations to study them. 3. Cartons of Plaster of Paris are supposed to weigh exactly 32 oz. Inspectors want to devel... Question 2. Prove that [0, 1] and [-1, 1] have the same Cardinality : by finding functions and showing that it is a bijection between the sets. OR by finding functions and showing that it is a bijection between the sets. OR by finding functions and showing that it is a bijection between the sets. OR by finding functions and showing that it is a bijection between the sets. OR by finding functions and showing that it is a bijection between the sets. OR by finding functions and showing that it is a bijection between the sets. OR by finding functions and showing that it is a bijection between the sets. OR by finding functions and showing that it is a bijection between the sets. OR by finding functions and showing that it is a bijection between the sets. OR by finding functions and showing that it is a bijection between the sets. OR by finding functions and showing that it is a bijection between the sets. OR by finding functions and showing that it is a bijection between the sets. OR by finding functions and showing that it is a bijection between the sets. OR by finding functions and showing that it is a bijection between the sets. OR by finding functions and showing that it is a bijection between the sets. OR by finding functions and showing that it is a bijection between the sets. OR by finding functions and showing that it is a bijection between the sets. OR by finding functions and showing that it is a bijection between the sets. OR by finding functions and showing that it is a bijection between the sets. OR by finding functions and showing that it is a bijection between the sets. OR by finding functions and showing that it is
a bijection between the sets. OR by finding functions and showing that it is a bijection between the sets. OR by finding functions and showing that it is a bijection between the sets. OR by finding functions and showing that it is a bijection between the sets. OR by finding functions and showing that it is a bijection between the A, what is x, and what is b in your answer. n1 = 3? n2 + 5n3 n2 = n4? 1000 n3 + n1 = 0 n1 + n2... QUESTION 1.1 POINT There are 221 Starbucks per capital as a decimal to 6 places. Provide your answer below: please give m ethe right answer. Given the following 10 to 6 places. digit mini-IEEE floating point representation 1 0000 01111 What is the corresponding decimal value? Note: You must give the EXACT answer. Enter ... A diver steps off a 3 meter board. How fast is she going when she strikes the water, and how long does it take her to reach the water? 6000 express each number in scientific notation. GRADE & SEV EEK 7- REAL NUMBERS A. Name the sets of number belongs. Put a (/) if the r belongs to a group. Number 1. ... Detailed explanation please, thank you.. Determine if the mid-point method is absolutely stable In+1 = In +hf(x Vn Fyn+1, n+ 2 Where x = Xn+Xn+1 nt- 2 I order to get A student licence, a person must be 16 years old. Rowena will be 16 old in two day. The mean useful life of car batteries is 50 months. They have a standard deviation of 2. Assume the useful life of batteries is normally distributed. a. Calculate the percent of batteries is normally distributed. space (S, P), where n is a positive integer, then n n P UE; $[P(E_i)$. After heavy rain, the water level in a river is rising. At midnight, it is 40 cm above the normal level, and it rises at a rate of 6 cm each hour for the next 12 hours at midnight, it is 40 cm above the normal level in a river is rising. At midnight, it is 40 cm above the normal level, and it rises at a rate of 6 cm each hour for the next 12 hours at midnight the water level is 4... Consider the recurrence equation T(n) = 2T(n-1) + 1 for n > 1 and T(n) = 1 for n = 1 First, show that Master Theorem is not applicable in this case. Then using induction, prove that T(n) is O(2n). ... Here are the questions.. Computer-aided modeling and manufacturing requires precise control of spatial position along a prescribed modeling. trying to determine what forecasting method to use for the following forecasting problem. Based on the following forecast... Please hurry up!. Question If the probability of taking a math class is 0.70, the probability of taking a math class is 0.70, the probability of a student taking a math class is 0.70, the probability of taking a math class is 0.70, the proba clas... Lea, Alex Nicole , and Majoy were recently elected as the new class officers (president . vice president , secretary and treasurer) of the Sunflower class. From the following clues , determine which ... oh and can you show work. 1. A Garringer High School student works part-time as a cashier at Food Lion for \$9.00 per hour. She earned \$135 last week before taxes. How many hours did she work? Breaking it down in PEMDAS? What would that look like?. Window Help MN O 100% X - 1 Excel.pdf 36 Q Search Guided Practice Activity #1 ... Sir i am stuck for this question with explanation . 8. Find real numbers x, y such that x+1+i(y-3) = 1+i. 5 + 32 9. Let z = (3+4i)(1+i) 12 15(2+4i)2. Find z. Sir i am stuck for this question. Maximize Z=xty subject to: (x+ay = 10 bx + y = 10 x, y = 10 bx + y = 10 x, y = 10 bx + y = 10 x, y = 10 bx + y = 10 x, y = 10 bx + y = 1number? 8 a) Convert 110110010two to base ten. b) Convert 2002base ten to base two. 5 In a certain game, a player can solve easy or hard puzzles. A player can solve a total of 50 puzzles playing thi... Solve the following problems using Polya's Four-Step Problem-Solving Method. 1. A boy is 10 years older than his brother. In 4 years he will be twice as old as his brother. Find the present age of eac... business mathematics. Question 35 (1 point) Bargain Toys has just acquired the rights to merchandise the latest video game. It can purchase these games for \$16. If Bargain Toys advertises the games at... Previous Page Next Page Question 5 (2 points) Simplify and express in rectangular form. 3 - V-9 - 6 Please solve the following question. Using Matlab or Python and show the first derivative of f(x) for central difference approximation using Taylor Series expansion at 4th order error. f' (xo) = -f(... Can you assist?. Close Date: Sun, Nov 28, 2021, 11:59 PM Question 1 of 6 Matthew purchased a \$3,000 bond that was paying a coupon rate of 4.70% compounded semi-annually and had 5 more years to matu... Consider the following sets: A = {(x1,x2) E R2: Ix1 + Ix2 : Ix2 : Ix1 + Ix2 : Ix1 + Ix2 : Iof Nurses 15 10 10 245 345 44 5 545 64.5 745 84.5 245 34 5 44 5 54 5 64 5 745 84.5 O Age O Age (c) Find the probability that a British nurse selected at random in 1851 would be 60 years of age or ol... Application 1. A packaging company creates different sized cardboard boxes. The volume of a box is given by V = 50x -8x+25x -4. Determine expressions for possible dimensions of the boxes. Hint: You ne... 207 5 253.5 (b) Look at the last data value. Does it appear to be an outlier... Problem 2: A student conducted a survey about sleep and its possible effect on GPA. They randomly sampled 20 students, 10 who stated that they slept for 7 hours or more per night (the recommended am... Answer each of the following questions in at least ten relevant/meaningful sentences. OUR TOPIC IS ABOUT DIFFERENT KINDS OF PATTERN OF NATURE.. ALSO FIBONACCI SEQUENCE 1. What are the new things that ... Define the binary operator $\otimes by: a \otimes b = a2 + b + 2a \otimes b = a2 + b + a2 \otimes b =$ Tanya's seat is 16 m from one end of the screen and 14 m from the other and John's seat is 13 m from one end of the screen and 15 m from the other. Who has a greater an... Hello, I really need your help right now and I need you to provide correct answer and solution for this one as fast as you can. Thank you! (1-5). Not yet answered Solve the rational equation Marked ou... If the objective function is C = 90x + 35 y what extreme points provides the optimal value? You are going to visit your aunt who lives 21 miles away . You have already traveled 14.7 miles. What percentage of the trip is still ahead of you? (Round to the nearest whole percentage. 26:45 1/8 QUESTION 8 . 1 POINT Jeremy invests \$8, 500 into an account with a 2.4% interest rate that is compounded quarterly. How much money will be in this account after 6 years? Round your answer to... Hello can anyone help me solve the following. Prove that 2 n 2 n 2 + 2 n + 3 n 2 + 3 n 2 n 2 + 3 n 2 + 3 n 2 + 3 n 2 + 3 n 2 + 3 n 2 + 3
n 2 + 3 n 2 NO 3 + ... +n 2n - 1 = n n - 1 Present a mural/portrait to depict how important is Mathematics for most of the students and explain how it enhances the critical thinking of an individual. Jonathan has a die in the shape of a regular tetrahedron. He wishes to label each face of the tetrahedron with a non-negative integer so that the sum of those integers is 5. How many distinct tetrahed... Please solve 1,2,4,6 &7. EXERCISE 3.3 1. Find the zeros of the following functions graphically: (a) $f(x) = x^2 - 4x - 16$ 2. Solve Prob. 1 by the quadratic formula. 3. (a) F... Consider the following Federal Tax Bracket: Find the Federal Income Tax of a married couple with no children who have a combined income of \$225,000. Back in the olden days, you could make money selling magazine subscriptions on commission. Suppose that you would receive 21% of your first \$1,500 in sales and 14% of the balance of your sales. If i..... The following wavefunctions represent atomic orbitals: Z 2 N/W 182 272 Y1 = re2do cose 42 = 27 r + r2back in the olden days, you could make money selling magazine subscriptions on commission. e3do 4V2IT 81v3 do a) (30 points) For both wavefunctions, find all radial and angular nodes in r... Help Math please. What's In REMEMBER ME As the saying goes, "A person who does not remember where he came from will never reach his destination". This saying is very popular, passing from on... Jill lived and worked in North Carolina for the entire 2013 tax year. Her adjusted gross income was \$77,000 and she gualifies for the standard deduction of \$3000 and exemption of \$2000. Use the follow... Enquanto desfrutava de seu almoço delicioso no restaurante da universidade, um estudante encontrou uma pepita de ouro entre sua comida. Ele então foi um laboratório para determinar o valor de sua m... Consider a system of rabbits (R) and foxes (F) where the rabbits are hunted but the foxes are not. This system is modeled by the equations below. R' = R-0.125R2 - RF - 0.1 F - RF - 2F (a) (8 points... statistical treatment of the problem: sta marks) 1) Complete the diagram to the right: (5 marks) Label the normal Label the incident ray Measure and label the angle of incidence Draw and label the reflected ray Measure and... Question 5: Consider the direction of the steepest descent at the point (?, -2, 2). Q5.b If w... please help me with this : - Describe all zeros of z 2 0 0 1 - 1 and say what are their orders - Find the residues of all poles of 1 / (z 2 0 0 1 - 1) - Let S be the square with vertices at?... You are saving to buy a car, and you deposit \$300 at the end of each month for two years at an APR of 2.4% compounded monthly. What is the future value for this savings arrangement? That is, how much ... Sir i am stuck for this question . 3. [-/1 Points] DETAILS JMODD8 5.3.004. MY NOTES ASH Find the future value of the given annuity. (Round your answer to the nearest cent.) annuity due, \$135 monthly ... Please clearly explain this problem with all of the steps, I am confused. Q2 Do you even Fibonacci? 5 Points Recall that the Fibonacci numbers are defined recursively as: ao = 0, a1 = 1, an+1 = an + a... I wanna know if I'm doing it right and if I can get the answers to the other parts and if you can show the work. 2.) 2, 6, 18, 54, 162, ... Type of Sequence: Geometric Recursive Equation: Explicit Eq... show you work please! using the graph of g(x) below, answer the following questions. a. Find the lim g(x) x -a- lim... In a veterinary waiting room, there were a total of 12 individuals, 8 of whom brought dogs, 5 brought cats. Additionally, it was noted that three brought both dogs and cats, and two individuals had ne... reclusive formula for seconds of homework after n weeks Pn = A supermarket has two girls ringing up sales at the counters. If the service time for each customeris exponential with mean 4 mins, and I people arrive in a Poisson fashion at the counter at the ra... (b) Find the value of the interquartile range (IQR) IQR = (c) Multiply the IQR by 1.5 and find the lower and upper limits. (Enter your answers to one decimal place.) lower limit upper limit (d) Are t... hello. I need help with this. Let a, b, c be integers. Prove that if ab and bc, then alc. ~ 1 hour 0/22 QUESTION 8 . 1 POINT Terry is relieved to be finished with this semester! He took a few tough classes and the grades are shown below. Using the information: A = 4 points, B = 3 points, C... After paying income taxes of 29.7%, Adriana's income before taxes are deducted? (3 marks) advanced function grade 12. K QUESTIONS # O TO A ARE MULTIPLE CHOICE F 14 A - 5 OFF f(X) IS A POLYNOMIAL FUNCTION, THEN WHICH STATEMENT 13 5 IS TRUE OF THE GRAPH OF 4 = ?A) IT HAS NO X-INTERCEPTS B) ... polynomial expressions or not. 14x 6. TL 5×3 - 4V2x + x 7. 3xV3 + V3x2 + 9x - 2014x 8. x3 - 2x + 1 x4 + 3×4+7 9. -4x-100 + 4×100 1 2 3 2×3 + 3×4 4×5 10. 1 - 16×2 istionsheet Help | Mohammad Jowkari (AD Gradebook ~ Remaining Time at the correct loops to simplify the given function in SOP (sum of products) form: To select loops that wrap around the edges of the ... Savannah needs to make Christmas tree skirts. The cost of the material is \$6.99 per metre. If she purchases 4.5 meters of material, how much has she spent? If each skirt uses 0.75 meters of material, ... The side effects of a new drug are being tested against a placebo. A simple random sample of 565 patients yields the results below. At significance level of a=0.10, is there enough evidence to conclud... Hello, having trouble figuring these three out can someone explain this clear and easily understand to read.. This problem computes discrete logarithms. (a) Describe a Baby Step, Giant Step attack to ... (a) Consider the following non-linear optimization program P : max f (x)] subject to : g (x) = 0 h(2) 20 ' (1) where f : Rn - R, g : Rn-Rm, and h : Rn - R* are smooth functions. Carefully state the ... Let us consider the fuzzy sets 0 if, <2 I-2 A(I) = 5 if 2 < < 710 -I if 7 < < 10 3 0 if 10 < I 0 if, I < 3 T - 3 if 3 < 1 < 4 B(x) = 1 if 4 < <5 7-I if 5 < 2 SIS 0... 1) (10 points) For the equation (using the meaning of multiplication as we have discussed it). b) Show and explain how to solve the problem ... V'' CEMCLJWATERLCOLA I The CENTRE lor EDUCATION In MATHEMATICS and COMPUTING Problem of the Week Problem D Two Equations and Tam Variables If 2:: = 33; -l- 11 and 2" = 24{y+13', detErmine th... is the correct Branch & box method solution in this case. Question 2 (3 marks): Consider the following mixed-integer optimization problem: in order to find solution, you wa Max Z = 5X1 + 9×2 until... 5:49 Done 26 of 30 Color Edit Edit with 2 colors Paint 3D Colors (d) Perform Tukey multiple comparison tests. (Input the mean values within the Input boxes of the first... Journal 1: Read the article distributed. Record the quality factors that parents look for when considering an early childhood program for their child(ren). Article link: ** i dont know what to do. What I Can Do now that you have deeper understanding of the topic, you are ready to solve my problems below. Let the students bring several round containers or lids and record ... The following table is generated from the function fix = sin x + 2×2. fix 0.9794 2.8415 5.4975 8.9093 Comparing 2point forward difference, 2-point backward difference, and 3-point central difference. Sir i am stuck for this question with explanation. Exercises 1. Express the following numbers in .93 + yz' form. 1. (1 + V303 2) = 1 - 6. Find... Para f (x) = -2x* + 3x todos los puntos de inflexion son Of = 1, f = 3 3 / 20 Of = -2x* + 3x todos los puntos de inflexion son Of = 1, f = 3 3 / 20 Of = -2x* + 3x todos los puntos de inflexion son Of = 1, f = 3 3 / 20 Of = -2x* + 3x todos los puntos de inflexion son Of = -2x* + 3x todos los 0,1= 3 3 20 Of = 0,1 /20 Of = 1,1= Of=-1,r= /20 demand loan of \$8000.00 is repaid by payments of \$4000.00 after four years, and a final payment after six years. Interest is 6 % compounde... Business Mathematics Topic: Simple and Compound Interests Directions, How long will the given principal... Incorrect Question 2 0 / 1 pts We can use the methods used in this class for finding confidence interval because all assumptions are satisfied. Namely, 1) the sample is random 2) the values
in the sam... May i know how to solve the apply of integration ?Thank you so much. 5 In a gas station, petrol is pumped into a tank with a rate of " = 4t3. where Vis the volume of petrol in m' and t is time in... During the last four years, a certain mutual fund had the following rates of return: Year Rate of Return 2014 3.9% 2015 3.7% 2016 4.7% 2017 3% At the beginning of 2014, Alice invested \$2,586 in this f... GROUP C a) A fertilizer is made by blending together two ingredients Fastgrow and Greendip. Different blends produce different effects. Blend A: 4 cups of Fastgrow and 3 cups of Greendip costs shs 200... So here are three equations. And then answer the second and third questions. 1. Polynomial functions, Polynomial equations and Polynomial ... Solve Laplace's equation on the unit square with boundary conditions: Wisconsin: $u(x, 1) = \sin 2(\pi x)$ Florida: u(x, 0) = 0 Marcus said the answer was -22. Jeremy said the answer was -28. Who is correct? Explain the error in the other student's work. Problem 4 (9 points) Suppose C C R" is a convex set. Prove or disprove (eg. find a counter example) the following statement: f (m) is convex for... the prime factorization of 540 is $2x^2x^3x^3x^5$. find the total number of divisor including 1 Homework question. Next Page Page 2 of 3 Question 2 (1 point) Let a and 6 be positive real numbers and b * 1. Find a + 26 given that the exponential function f (x) = a(b) passes through the points (0... The volume of 880 cm. What is the perimeter of one face of the cube? No decimal answers will be accepted. (2 marks) Question 2 Recall that the logistic equation is the model X' = bX - cX2, where X is the population count of some animals; b and c are some constants greater than O. As usual, we are making the assumpt... Finite. Question 7 Find the value(s) of the function, subject to the system of inequalities. Use the graphical method Find the maximum and minimum of P = 5x - 13y described. $x_2 + (y - 2)_2 = 16$ (a) Once around clockwise, starting at (4, 2). x (t) = y (t) = Osts ... Please provide Handwritten answer. Q1: (2+3 pts): a) Let n, = n, = n and z = 2, find n s.t P(-< 0.70) 2 0.954 calculate the Shapley-shubik power index for the weighted voting system [30:20,17,10,5] On a space shuttle mission, a certain experiment is started 2 days, 14 hours, and 30 minutes into the mission. The experiment takes 1 day, 21 hours, and 47 minutes to run. When will the experiment ... An object moving at 10 km/h is brought to rest in 3 seconds. How far does it travel before stopping? 13.5. A company has a central document-copying service. Arrivals are assumed to follow the Poisson probability distribution, with a mean rate of 15 per hour. Service times are assumed to follow the ex... 15 DETAILS MY NOTES ASK YOUR TEACHER A lender requires PMI that Is 0.7% of the loan amount of \$430,000. How much (In dollars) will this add to the borrower's monthly payment? (See Example 4 In this se... An unbiased coin is tossed three times in succession; the experiment is a Bernoulli trial. What is the probability of obtaining at least 1 head? 2. Calculate the standard deviation of the following... Find the first five terms in sequences with the following at least 1 head? 2. Calculate the standard deviation of the following... Find the first five terms in sequences with the following at least 1 head? 2. Calculate the standard deviation of the following... Find the first five terms in sequences with the following at least 1 head? 2. Calculate the standard deviation of the following... Find the first five terms in sequences with the following at least 1 head? 2. Calculate the standard deviation of the following at least 1 head? 2. Calculate the standard deviation of the following at least 1 head? 2. Calculate the standard deviation of the following... Find the first five terms in sequences with the following at least 1 head? 2. Calculate the standard deviation of the following at least 1 head? 3. Calculate the standard deviation of the following at least 1 head? 3. Calculate the standard deviation of the following at least 1 head? 3. Calculate the standard deviation of the following at least 1 head? 3. Calculate the standard deviation of the following at least 1 head? 3. Calculate the standard deviation of the following at least 1 head? 3. Calculate the standard deviation of the following at least 1 head? 3. Calculate the standard deviation of the following at least 1 head? 3. Calculate the standard deviation of the following at least 1 head? 3. Calculate the standard deviation of the following at least 1 head? 3. Calculate the standard deviation of the following at least 1 head? 3. Calculate the standard deviation of the following at least 1 head? 3. Calculate the standard deviation of the following at least 1 head? 3. Calculate the standard deviation of the following at least 1 head? 3. Calculate the standard deviating at least 1 head? 3. Calculate the standard d get it. Log In Aspen Log On ment Practice : "Tools Add-ons Help Lastedit was yesterday at 501 EM Present [Background Layouts Thome Transition Question Two Paws Palace is a major dog dayc... Let $f : R \rightarrow R$ be a function defined by f(x) = 3x - 2. Show that f is one to one and onto function. If it is invertible, find f - 1. (6) Find (a) b - 7. c; (b) ... Applications 1-1: Discretionary and Essential Expenses Name: Date: Instructor: Complete the following questions. Once completed, upload your answers using Dropbox. You can upload multiple files... QUESTION 1: a) For a nominal rate of interest 8% convertible monthly, calculate: i) The equivalent nominal rate of interest convertible semiannually (3 Marks) ii) The equivalent nominal rate of discou... Solve it Solve it. Question 14 (3 points) Word Problem Question 1: (You must upload an image of your FULL solution to the question]) Dav... Q5 (10 points) Diagonalize the matrix 1 0 A - 2 3 - 1 2 In other words, you need to find a diagonal matrix D and an invertible matrix P such that A = PDP. You don't have to compute P -! I dont understand still. Write the number 48,470,000 using the number 48,470,0000 using 622,126 C 622, 126 D 622,126 **Read this carefully! It has a TRICK answer choice** O A For each of the multiplication and equivalence (a) through (c), describe a way to make the problem easy to solve mentally. Then write equations that correspond to your method of calculation. Write your eq... Give me 3 examples of implication and equivalence encountered in everyday life. (Topic: Relations on Statements, General Math 10). Interpreting logistic regression coefficients: Here is a fitted model from the Bangladesh analysis predicting whether a person with high-arsenic drinking water will switch wells, given the arsenic lev... A B C D E F G H P APR n PMT N \$ 15,000.00 6% 12 5 \$ 289.99 4 Table Showing Monthly Payments for Different APRs and Terms 5 Term: Number of Years (t) $6\ 1\ 2\ 3\ 5\ 6\ 7\ APR\ 1\%$ \$ 1,256.78 \$ 631.53 \$ 423.12 \$... Find the points of intersection in the equations and sketch the graph. $x' + yz = 26\ (3\times 2 + 25)^2 = 100...$ President Trump purchased an option on land in Greenland to drill for oil. Preliminary studies on the land find that: P(high-grade oil) = .30 a) What is th... La probabilidad de aprobar RM es 0,6 y aprobar física es 0,8. ¿Cuál es la probabilidad de aprobar ambo cursos? (Todos aprobaron al menos un curso). on a coordinate plane, sketch a quadrilateral object by plotting and connecting coordinates points A(-5,-1), B(-1,-2), C(-2,-5), D(-6,-4) Connect B to the origin and rotate the object about the origin... D Question 2 The equivalent present value at time O of a \$200 cash flow located in year 10 at an annual interest rate of 6% is closest to which one answer below? O 108 O 112 O 127 O 96 D Question 3 Th... Consider a modified cost function J(x) 4 (y - Hx) TW(y - Hx) where W is symmetric positive definite. [Q1] Show that the normal... If the effective rate of interest is 4.4%, what is the nominal annual rate compounded monthly? Compounded quarterly, at what nominal annual rate of interest will \$3761 become \$4987 in 45 months? State... Numbers, integers, rational numbe be any natural number and m be a positive number. Then show that there exists natural numbers q and r such that $0 \le r < m$ and n = qm + r Could someone help me with this problem? You are contemplating whether to use the \$25,000 you have saved to make a down payment on a house, or invest the money in a mutual fund and continue renting lo... Set theroy. In a group, there were 115 people whose proofs of identity were being verified. Some had voter id and some had voter id and some had voter id and some had both. If 65 had passports, some had voter id and some had voter id and some had voter id and some had both. BISECTION METHOD NEWTON'S METHOD. Direction. Answer the follo... The setting is important to the plot because it is where the narrator- 7.7d Simplify using logarithmic laws then evaluate. Leave your final answer in fractional form. log3 (27.81) + logs (125.45) Convert the fraction 6/7 from decimal to binary. Give the answer truncated tccleare truncated 5 bits after the radix point: Number Convert the truncated binary back to decimal and give the resulting decimal in exact ... Find the following indefinite integrals [16xe (x19) dx iii) A pilot stops an airplane traveling at 200 km/h using an acceleration of -10m/s^2, how much distance will it travel before stopping? Consider the differential equation (DE), - = 1 - x. (1) The general solution to this DE is given by w(t) = 1 + ce-t, (2) where C is an arbitrary constant. (You do not have to derive this.) This... Hitung penghasilan yang harus dibayar Keluarga Bapak Budi 2020! 2. Hitung jumlah pajak penghasilan yang harus dibayar Keluarga Bapak Budi pada tahun 2020! Three persons Mohit, Jayesh and Nandu whose salary together amounts to ₹ 54000 spend 60%, 70% and 50% of their salaries respectively. Their
savings are in the ratio of 8 : 15 : 10 respectively. What... 71915 MATH B72 - Gen Math Non-BSTEM majors WA 2.4 Hmwk - Applications of Sets - Math B72: General Mathematics - 1:00 PM, section (CRN 71915), Fall ssignment Submission & Scoring signment Submissi... (10 marks) Consider the regularization problem min { $|ly - ZB||^2 + 10(8)$ } with penalty 2(.) = 1 . ||2 for ridge regression or 2() = ||. ||2 for ridge regression or 2() = ||2 for ridge regression or 2() necessary, fill in the answer box to complete your choice. A. The solution... Plan effective date: 1/1/93 Normal retirement benefit: \$500 per month Actuarial cost method: Aggregate Actuarial assumptions: Interest: 6% Salary increases: None Retirement age: 65 Selected annuity va... The temperature on Monday is 5 C. Throughout the rest of the week the temperature goes up and down. Monday 5 C Tuesday up 4"C Wednesday down 5 C Thursday down 7"C Friday up 2 C Saturday down... en una empresa la funcion de costos totales es c(x,t)=25 x+20 xt+t², donde x es el número de máquina. si se desea producir 64,000 un... see the attachment . Direction. Answer the following: Finds the roots of equations using required relative error dk < 0.001 1. For each of the functions listed below, do a calculation by hand (... A musical group sells hats at their concerts. After one concert, they sold 120 out of 300 black hats. A greater percentage of which color hats were sold? how to work out the answer. 2 3 1 Find matrix X, if X + Y = NO and X + 37 = 2 (25 pts) Dofino f: [0, 1] -> R as follows: Is f continuous at 0? Justify your answer. need help on both of these questions. Solve the problem. An initial investment of \$14,000 is appreciated for 4 years in an account that earns 11% interest, compounded semiannually. Find the amount of ... I need help. 12. The mass of a bag of carrots is - kg more than the bag of carrots and the bag of carrots and the bag of potatoes? 2 2 2 2 A household has \$120 to spend on two goods, X and Y whose prices are 5 and 2, respectively. For all of the questions below, assume that the household must not exceed its budget but has the option of n... No entiendo ese paso. porque se dividen dos periodos ? (T'/T) ??. Page dunde (1) by Q d 9 to . 5 2 PT X 9 T g to. 5 9 T 9+0.5 2 T = T ToS 9 6 9 .8 m) Math economics. Question 3 7 pts Assume that the going rate of interest in Stingyton is 3%. However, the Fed set the current reserve requirement for banks at a mere 5%, which the banks choose not to e... Given sin X = 9 for -SXsn, and cos Y & 24 25 for nSYS 3 n 41 2, find the exact value of tand. (4 marks) Problem 2 (15pts) A Cauchy stress tensor is given as below. Determine the three invariants, I, II and III, and solve for the principal stresses and directions of principal axes (i.e., eigenvectors). M... Find the number of skittles per capita. Provide your answer below: Content attribution The daily high temperatures for each of three 15-day periods are recorded. The dot plot below shows the daily high temperature on each of 15 days for period 1. Daily High Temperatures for Period 1 Ke... Polya's Strategy Use Polya's four-step problems. (3 items x 10 points) 1. How many different rectangles with an area of one-hundred twenty (120) squa... Question 1 A boy must decide what to wear to his matric dance. His options are: a dark or a light suit a black or a blue or a white shirt a silver or a red tie Draw a tree diagram to help you answe... note: solution for reviewer. 1. f (x) = 5, find f (10) 2. g (2) = 12% + 15, find g (-3) 3. h(x) = 27 + 2, find h (3) 4. j (x) = 27 + 2, find h (3) 4. j (x) = 3x | 2... 5 | Calculate the value of i a silver or a red tie Draw a tree diagram to help you answe... note: solution for reviewer. 1. f (x) = 5, find f (10) 2. g (2) = 12% + 15, find g (-3) 3. h(x) = 27 + 2, find h (3) 4. j (x) = 27 + 2, find and n in the compound interest formic A = F11 + i)" for the following SHUflhM- W a} a savings account that earns 3.5% per year; compounded semi-onnmll'y for 15 years. ... Question 1. (3 marks) Solve the problem of time—optimal control to the origin for the system $\{1.31 = 3561 + 332 332 = 4561 + 332 + 3$ BBUNDERSTAT12 4.2.027.MI. In his book Chances: Risk and Odds in Everyday Life, James Burke states that there is a 72% chance a polygraph test (lie detector test) will catch a perso... Consider the following problem: min 2×2 + 3×142 + 4×3 + 2×3 - 2.243 + 5×1 + 3×2 - 4103. Use the method described in Problem 2 or any other method, generate three conjugate directions. Starting from... VAR model selection is simpler than ARIMA since it is only with respect to one parameter order. t or f? WHY? . (10 Points) Assume that Zt is a purely random process. If Xt = Zt + 0Zt-1 (0 E (-1, 1), 0 * 0), the noise Zt can expressed as Zt = -0 onjxt-j, where Colmj| < co. What are the expression of coef... Create an algebraic model that fits the data. The model must be polynomial of degree 3 or higher; exponential; logarithmic or trigonometric. The choice of model should be based on visual inspection of da... Problem 6. (10 points) If all a12 b11 b12 A = and B = a21 a22 b21 622 are arbitrary vectors in R2x2, then the mapping (A, B) = allbil + a12b12 + a21621 + a22622 defines an inner product in . Use this ... I need help with all of these questions.. L of 7 agari: Vista Virtual School - A3 11. Simran chose to take her high school classes online for a semester during the pandemic. While at home, she decided... Consider the following random sample of data: 10, -3, 7, 2, 0, 10, -3, -7, 5, 83 a) What is the mean of the sample data? Round your response to at least 2 decimal places. b) If the outlier is removed,... round to 2 decimal places. Use the savings plan formula to answer the following question. Your goal is to create a college fund for your child Suppose you find a fund that offers an APR of 4%. How mu... I need an application of the revised simplex method please!. 2. 8 points [Lecture 29 (Monday, Nov. 22nd) is required for this question.] Solve the following LP problem using the revised simplex method... A mutual fund has 20 stocks in its portfolio. On a given day 8 stocks move up, 7 stay the same and 5 move down. In how many ways could this happen? provide answer in fraction please Find the maximum possible profit (cell B1) by changing the values in cells C7:C10. Antwan wants to set aside for food? Don't understand. A manufacturer knows that their items have a normally distributed lifespan, with a mean of 10.1 years. and standard deviation of 3.2 years. The 4% of items with the shortest lifespan... what is the answer. X Graphing proportional relationships Graph the line that represents a proportional relationship between y and & where the unit rate of change of y with
respect to r is co | co... Please prove the following statement with a formal proof structure and explain each step. Thanks! *I will upvote . For all even values of n, the quantity E can be written as a sum of TI. three unit ... Use the definition of multiplication to explain why a box that is 5 inches high, 4 inches wide, and 3 inches long has a volume of 5 . (3 . 4) cubic inches Explain the parentheses in the expression ... uestion 7 7.7 points Save A You are shipping a box that weighs 5 pounds. Shipping charges are listed by ounces the local mail center. How many ounces does the box weigh? O a. 3.2 oz. O b. 80 oz. O c. ... Refer to Exercise 2. (a) Using the subset() function', divide the original data frame into three parts by the weather variable and denote the dataframe for mainly cloudy days (1) as c, the dataframe f... help pls I don't know what to do do I just ad 15. MODELING REAL LIFE A biologist analyzes 15 bacteria samples each day. a. Complete the table. LO Days H Total Samples Please explain in details how to solve this problem.. 1. The reversible reaction A k1 B has the following rate equation: K2 dA = K2 B - KIA (1) dt where A = A(t) and B = B(t) are, respectively, the mo... ovide explanations of your solutions to each question. You should attempt all of the questions before submitting your exam. There is a time limit of 180 minutes. use the timer so that the exam shouldIf Jacob's salary of \$3,850 per month is increased by 3 3/4% what is his new monthly salary? Please can you show all the steps on how to approach the problem thank you... (30 points) Consider the matrix 1 - 2 3 A = -2 - 8 6 2 - 2[} 24 1. Find a lower triangular matrix L and an upper tri... The function f (as) is graphed below. How many points on the graph represent a relative minimum? the following problems using Polya's four-step problem-solving strategy 1. A baseball team won two out of their last four games. In how many different orders could they have two wins and two ... From the number theory Prove that the linear congruence ax=by $\equiv c \pmod{n}$ have two wins and two ... From the number theory Prove that the linear congruence ax=by $\equiv c \pmod{n}$ have two wins and two ... From the number theory Prove that the linear congruence ax=by $\equiv c \pmod{n}$ have two wins and two ... From the number theory Prove that the linear congruence ax=by $\equiv c \pmod{n}$ have two wins and two ... From the number theory Prove that the linear congruence ax=by $\equiv c \pmod{n}$ have two wins and two ... From the number theory Prove that the linear congruence ax=by $\equiv c \pmod{n}$ have two wins and two ... From the number theory Prove that the linear congruence ax=by $\equiv c \pmod{n}$ have two wins and two ... From the number theory Prove that the linear congruence ax=by $\equiv c \pmod{n}$ have two wins and two ... From the number theory Prove that the linear congruence ax=by $\equiv c (mod n)$ have two wins and two ... From the number theory Prove that the linear congruence ax=by $\equiv c (mod n)$ have two wins and two ... From the number theory Prove that the linear congruence ax=by $\equiv c (mod n)$ have two wins and two ... From the number theory Prove that the linear congruence ax=by $\equiv c (mod n)$ have two wins and two ... From the number theory Prove that the linear congruence ax=by $\equiv c (mod n)$ have two wins and two ... From the number theory Prove that the linear congruence ax=by $\equiv c (mod n)$ have two wins and two ... From the number theory Prove that the linear congruence ax=by $\equiv c (mod n)$ have two wins and two ... From the number theory Prove that the linear congruence ax=by $\equiv c (mod n)$ have two wins and two ... From the number theory Prove that the linear congruence ax=by $\equiv c (mod n)$ have two wins and two ... From the number the linear congruence ax=by $\equiv c (mod n)$ have two wins and two ... From the number the linear congruence ax=by $\equiv c (mod n)$ 1. A restaurant has a capacity of 100 tables and serves a demand which is normally distributed with mean 100 tables and standard deviation 4!] tables. The average bill ... CNN reported in early 2018 that higher-income shoppers are the biggest bargain shoppers the best deals. If Rebec... You are given a set of 'n, positive integers a1, a2, ..., an and an integer k 5 a1 + a2 + ... + an. You need to decide whether there is a subset T C {(11, ..., can} such that the sum of int... Please can you help with this problem, please show all the steps and please can you explain the process.. Find the smallest degree Taylor polynomial that is approximating the function 2" with an abs... What is an , norm? and for what values of p? what happens when p < 1? please i need answer. IV. Answer the following. 1. In going to school, Marissa walked 53 meters from their house to the jeepney stop. She forgot her packed lunch so she went back to their house. On he... Please kindly choose only the correct answer, no need for explanations. I am time conscious thank you.. 18 How fer que ships R from lighthouse L RE 15" 35 75 86 Li 19 A theatre set builder's plan... Part One: For the following arguments translate the argument as being valid or invalid. Use the assigned letters f... Can you use differentiation to solve this question?. 15. A manufacturer wants to produce a cylindrical can with a capacity of 500m cm'. The cost for making the top and the bottom of the can is \$0.01/c... step by step solution. 5 Create and solve a proportion to find the value determine the scale factor between the two fig AJKL ~ AGKH K 6 G X H L 15 Scale factor (simplest terms) = For a and b draw a minimal system of branch cuts is the domain for a branch of f. If it is possible, it should be a system of branch cuts is that do not go off t... PLEASE ANY AND ALL HELP WILL BE APPRECIATED suppose we have n student that are each independently assigned a birthday in {1,...,365}, uniformly at random. let T n be the random variable equal to the #... Q1) Calculate Skewness, Kurtosis using R/Python code& draw inferenceson the following data. Hint:[Insights drawn from the data such as data is normally distributed/not, outliers, measures like mea... Chosen Product: (1 points of each element = 5 points) CANADIAN Online Retailer: Website: APA Citation: Find the domain of the rational function. f(x)=x-7x+4 Enter your answer in interval notation. To enter \circ , type U. asap help. How would the following triangle be classified? O scalene acute V dan VI. Lengkapkan jadual berikut. Lukisan Objek Skala berskala VI III V I 11 IV At HD Sport & Fitness gym, analysis shows that, as the demand of the gym, the number of members is 81 when annual membe... Hi can you help me solve this math question. PROBLEM 2: DRAWING FUNCTIONS Draw a sketch of any function that meets the following characteristics: Domain: (-4, 09) Range: (-co, 5) End Behaviour: X-4 ... (10 marks) The game of mills is played around the world. It has several names and variants. In six men's morris, the board consists of sixteen spots (o) arranged in two squares, as in the image bel... Ouantitative Ouestions (50 marks in total) (Q5) YOLO.com makes cool headphones and is based in the beautiful Greek island of Ikaria. Due to the recent pandemic, YOLO is concerned... Suppose P(A) = 0.14; P(B) = 0.7; and P(A and B) = 0.04 Find P(A or B). Can this really be a probability? If not, explain why not. Could you please help me with this question and explain it?. 6. Recall the dot product $u \cdot v$ defined for vectors u = (a1, a2, a3) and V = (b1, b2, b3) in Rs by $u \cdot v = a1b1 + a2b2 + a363$. Define a rel... Un trineo de 50 N descansa sobre una superficie horizontal y se requiere un tirón horizontal de 10 N para lograr que empiece a moverse. Después de que comienza el movimiento basta una fuerza de 5 N ... what is this. de selected files Files Comments Part C Measure the lengths of the sides of AABC and its three images, and record the measurements in the table. BIU XX Font Sizes A. A.EEGBES AABC Measur... Each hospital bed and its accessories use 96 square feet of floor space. How many beds can be placed in a ward 24 ft by 36 ft? 2. A respirator unit needs a rectangular floor space of 0.79 m b... (d) Suppose you have information about average heights of a random sample of airline passengers. The mode is 64 inches, the median is 70 inches, and the mean is 65 inches. To convert the data into cen... The Clarkstown Central School District covers 4 towns . There are 35 members of the school board , and the 4 towns have the populations shown in the following Population Town A: 30,492 Town B: 10436 T... Vince deposited 2,000.00 in a bank that pays 1.5% compounded annually. complete the table below. Question 3 of 10 Ronald leased equipment worth \$45,000 for 9 years. If the cost of borrowing is 4.16% compounded semi-annually, calculate the size of the lease payment that is required to be made at t... A triangle has length of 8x - 1 and width of 3x + 5. Determine an expression 2x + 1 and height 4x - 3. A rectangle has length of 8x - 1 and width of 3x + 5. noting happened he just say bad answer help me please ??. Divide. Round to the nearest tenth. .072 345.00 Enter Answer ellus Corporation. All Rights Reserved. Please provide Handwritten answer. Advanced Math Q1: Solve this equations by Bessel function? N a : Jo(P) = cos(p cos 8) de, p - 00 7T 0 3 b : I(x) = t cos(ac) (=12 - t) dt 0 5 c : I(p) = cos(p cos 8) de, p - 00 7T 0 3 b : I(x) = t cos(ac) (=12 - t) dt 0 5 c : I(p) = cos(p cos 8) de, P - 00 7T 0 3 b : I(x) = t cos(ac) (=12 - t) dt 0 5 c : I(p) = cos(p cos 8) de, P - 00 7T 0 3 b : I(x) = t cos(ac) (=12 - t) dt 0 5 c : I(p) = cos(p cos 8) de, P - 00 7T 0 3 b : I(x) = t cos(ac) (=12 - t) dt 0 5 c : I(p) = cos(p cos 8) de, P - 00 7T 0 3 b : I(x) = t cos(ac) (=12 - t) dt 0 5 c : I(p) = cos(p cos 8) de, P - 00 7T 0 3 b : I(x) = t cos(ac) (=12 - t) dt 0 5 c : I(p) = cos(p cos 8) de, P -
00 7T 0 3 b : I(x) = t cos(ac) (=12 - t) dt 0 5 c : I(p) = cos(p cos 8) de, P - 00 7T 0 3 b : I(x) = t cos(ac) (=12 - t) dt 0 5 c : I(p) = cos(ac) (=12cos(p) (4t... The final mark for a term project is determined using these weights: presentation 40%, research paper 50%, assignments 10%. Determine Vanessa's final project mark. [3 Marks] Research Student Presen... PROBLEMS FOR SECTION 3.4 1. Using the example 7 + 9, explain why we add fractions with like denominators the way we do What is the logic behind the procedure? Make math drawings to support your expla... KKT: Karush-Kuhn-Tucker. (e) Consider the constrained optimization problem is (as, y) = (1, D). i. ShowIr ... XYZ Control Units Ltd. Make two types of control units-Light and Heavy. The light units require 5 relays but the heavy require 12. Unfortunately the coming month only 12,000 relays will be obtainable. ... a. Carefully state the Fundamental Theorem of Abelian Groups. b. How many non-isomorphic Abelian groups of order 24 are there? Answer: _. Give an example of each non-isomorphic group. c. What are t... Business Math - Give the Correct Answer and Show Complete Solution. (See comments also. Thanks) 4. Cely has been depositing P8,000 at the beginning of each month to a bank that pays 4% compounded mont... - 1 hour 1/ Content attribution QUESTION 17 . 1 POINT Jack bought a new car for \$45,000. The value of the car depreciates by 12% each year. Write an equation to describe this situation. Provide your a... (a) Compute an approximate value for $\ln 1.2$ given $\ln 1.0 = 0$, $\ln 1.1 = 0.09531$, $\ln 1.3 = 0.26236$. (b) Find a bound for the error at the given condition: 1. y = sin 3x, using h=1, x; = 0, until 5th order Taylor's series. 2. y = e 2x, use h = 1.5, x; = 0, until 10th order Taylor's series. - Solve the following p... =0 Vxi C D B E) X Uxi Sketch NOT drawn to scale or orientation! What is the value of XtDXtD (x position at the time to point D which is at 3/4 of the TOF), If the magnitude Vi equals 36.1 meters pe... Need help with step by step solutions. Math 121 9. (10 pts) Consider the following relation R on the set of all points on the xy -plane, $R' = \{(x, y) : x \text{ and } y \text{ are real numbers}\}$: (a, b)R(c,d) < Va... 5. Prove the following identities bt pat (a) eat * cot for any a # b b - a pat pet (b) eat *ell (a - b)(a - c) (b - a)(b - c) for any a, b, c which are all distinct. (c - a) (c - b) Pls answer asap!!. Use the quadratic formula to solve the equation. 4k(k + 3) = -19 The solution set is a solve the equation. (Simplify your answer. Use a comma to separate answers as needed. Type an exact answer, using rad... Hi, please answer each part of the problem using the given information. Please don't repost the work of other posts. Thanks! I am having a really hard time finding what is plz I have an exponential relations quiz. Question 9 (2 points) Which table of values models a quadratic relation? How do you know? a) b) 2 3 4 0 2 3 4 C 0.5 5.5 20.5 45.5 80.5 A Solve it. Question 17 (4 points) Word Problem Question 4: (You must upload an image of your FULL solution to the question? How do you know? a) b) 2 3 4 C 0.5 5.5 20.5 45.5 80.5 A Solve it. Question 17 (4 points) Word Problem Question 4: (You must upload an image of your FULL solution to the question? How do you know? a) b) 2 3 4 C 0.5 5.5 20.5 45.5 80.5 A Solve it. Question 17 (4 points) Word Problem Question 4: (You must upload an image of your FULL solution to the question? How do you know? a) b) 2 3 4 C 0.5 5.5 20.5 45.5 80.5 A Solve it. Question 17 (4 points) Word Problem Question 4: (You must upload an image of your FULL solution to the question? How do you know? a) b) 2 3 4 C 0.5 5.5 20.5 45.5 80.5 A Solve it. Question 17 (4 points) Word Problem Question 4: (You must upload an image of your FULL solution to the question? How do you know? a) b) 2 3 4 C 0.5 5.5 20.5 45.5 80.5 A Solve it. Question 17 (4 points) Word Problem Question 4: (You must upload an image of your FULL solution to the question? How do you know? a) b) 2 3 4 C 0.5 5.5 20.5 45.5 80.5 A Solve it. Question 17 (4 points) Word Problem Question 4: (You must upload an image of your FULL solution to the question? How do you know? a) b) 2 3 4 C 0.5 5.5 20.5 45.5 80.5 A Solve it. Question 17 (4 points) Word Problem Question 4: (You must upload an image of your FULL solution? How do you know? a) b) 2 3 4 C 0.5 5.5 20.5 45.5 80.5 A Solve it. Question 17 (4 points) Word Problem Question 4: (You must upload an image of your FULL solution? How do you know? a) b) 2 3 4 C 0.5 5.5 20.5 A Solve it. Question 17 (4 points) Word Problem Question 4: (You must upload an image of your FULL solution? How do you know? a) b) 2 3 4 C 0.5 5.5 20.5 A Solve it. Question 4: (You must upload an image of your FULL solution? How do you know? a) b) 2 3 4 C 0.5 5.5 20.5 A Solve it. Question 4: (You m Tools, Assignments, [Final Exam Submission]) A m... El 1 de abril el precio de una materia prima fue de S /. 20000 por tm. 45 días después de seincrementó a S /. 22000. ¿Cuál será el precio a pagar por el nuevo stock que lo renovaremosdentro de 1... Here is the question: There are six members on a student council. Three of these members will serve on a spring formal committee. How many possible spring formal committees are there?. Need Help? Read... Show that -(p e q) and p - q are logically equivalent. -(pe q) = p- q An average of 0.18 people enter a local mall per second. Find the probability that fewer than 6 people enter a local mall per second. Find the probability that fewer than 6 people enter a local mall per second. Question 2 (20 points) (1) (10 points) Find all the stationary points of the function f(x, y, z) = el-x2 4y- (+z). (2) (10 points) Find the global maximal and minimal values of the... Bubba Johnson, Lipnuk's star basketball player, has dreams of breaking his school's scoring record in terms of average points per game. The current record is 33.5 points per game. So far this season. ... calculate the value of x and y in each case. EXERCISES The following pairs of triangles are similar. Calculate the value 10m 7m LLI 16 mm line.instructure.com/courses/65284/quizzes/529282/take/questions/15417774 Review problem for solving for a specific variable. A variation of the light intensity inverse square of distance formula can ... 1) A store owner wants to develop a new snack mix by mixing chocolate and trail mix. How many pounds of trail mix costing \$4.10 per... Por favor, deme los comandos y tenga la amabilidad de brindar explicaciones útiles. Date prisa porque solo me quedar 10 minutos. Los vehículos pasan por un cruce en una carretera con mucho tráfi... the purpose of this problem is to show the organizations that they would save money using our platform i have only this info. We are a new staffing agency, and we are trying a different method of char... Question 27 Needs Grading The traffic2 table contains 108 bile accidents, traffic laws, and some other variables for California from January 1981 through December 1989. C... Let z be a random variable with a standard normal distribution. Find the indicated probability. (Round your answer to four decimal places.) LA USE SALT P(z 2 2.07) = Shade the corresponding area.under... Hello please see the attached images, the following are the questions i need help answering. 7.2 What was a 4400 investment worth after 634 years if earned 5.4." compounded monthly? Payments of 1... 19 Boyd grows only tomatoes and raspberries in his garden. Last year, he grew 140 pounds of tomatoes and 60 pounds of raspberries This year, the production, by weight, of tomatoes declined by 20 perc.... # 1 Soit (0, F, P, F = { Ft}txo) un espace de probabilite filtre. Soit X - {Xitzoet Y = {Yt}20 deux F-martingales et a, b E R. Montrez que {aX. + by, by30 est une F-martingales et a, b E R.
Montrez que {aX. + by, by30 est une F-martingales et a, b E R. Montrez que {aX. + by, by30 est une F-martingales et a, b E R. Montrez que {aX. + by, by30 est une F-martingales et a, b E R. Montrez que {aX. + by, by30 est une F-martingales et a, b E R. Montrez que {aX. + by, by30 est une F-martingales et a, b E R. Montrez que {aX. + by, by30 est une F-martingales et a, b E R. Montrez que {aX. + by, by30 est une F-martingales et a, b E R. Montrez que {aX. + by, by30 est une F-martingales et a, b E R. Montrez que {aX. + by, by30 est une F-martingales et a, b E R. Montrez que {aX. + number and types of zeros and the number of x-intercepts. Use graphs that you create on Desmos to show each different s... Find the domain in interval notation. To enter ∞ , type infinity. To enter \cup , type U. Domain: Derive the relationship between the backward difference operator, $\sim \Delta \equiv f(x) - f(x - h)$, and the differential operator, D, and numerically obtain f'(2.0) from the ta... need help solving. 2. If the amount of while sugar were increased by a factor of 2-, in cups, how much white sugar (1 point) 2 would there be? O HIWWINUIWNI- F(x) = 1/3x^4 - 3x^2+3 Find all intervals increasing and decreasing. Find all relative extrema. Exercise 4: 1. Find the present value of a loan on June 13, 2016 with a maturity value of P444,000 and an interest of 9% in 235 days. 2. Mr. Martinez borrowed P157,000 from a lending company on Februa... a) Conduct an equation for a family of functions with zeroes at 1 ± $\sqrt{5}$, -3, and 3 1 . b) Determine an equation for the family member above whose graph passes through the point (-2,-7) Explain what it means to say that $\lim x \rightarrow 9 - f(x) = 3$ and $\lim x \rightarrow 9 - f(x) = 3$ and $\lim x \rightarrow 9 - f(x) = 3$. As x approaches 9, f(x) approaches 9, f(x) approaches 9, f(x) = 3. As x approaches 9, f(x) = 3 and $\lim x \rightarrow 9 - f(x) = 3$. Everywhere brought in \$460 million dollars while the movie Golfers Unite brought in \$280 million dollars. Compare their profits ... An individual borrowed (\\\$10,000\) nine months ago and he wishes to pay off this loan with a payment of \$X today. You are given that j2 = 10% and that the practic... (15 points) Let G = (V, E) be a directed graph with capacities assigned to the edges, in other words, it is a flow network without a source or a sink. A valid flow on this network still satisfies the ... El siguiente gráfico, muestra las utilidades obtenidas (en millones de soles) por tres fábricas rentables: A, B y C, durante los últimos 5 años. exceden las u... (20 points) The results of an election with two candidates are shown below. X, Y, Z Prefer Candidate A U. V. W Prefer Candidate A U. V. W Prefer Candidate B Suppose that votes are counted using the following criterion: The v... /3 Points] DETAILS BBUNDERSTAT Does it pay to ask for a raise? A national survey of heads of households showed the percentage of those who asked for a raise and the percentage who got one. According t... (20) Given n-couples sitting at a round table, how many ways can they be seated so that no couple sits next to each other? hello dear, please help me this question in game theory with explanation , thank you so much . Question 1 (20 marks) "Game theory is always correct in predicting the behavior of individua... (Subtracting Fractions) A machine shop starts with 1,802 1/2" of sheet metal. The shop uses 360 3/16" of material is left... problem and therefore need to provide your reasoning in the text field for each question. A correct answer without an explanation will not earn any credit. Question 3 Analyze the graph of the function... The question asked for the sixth root of 7.20 * 10^38. I was satisfied with the explanation, that would be helpful. I was mi... Normal retirement benefit: 50% of final salary Actuarial cost method: Frozen Initial Liability Selected valuation results as of 1/1/94: Present value of future salaries \$2,500,000 Normal cost as of 1/... pwetty pweez answer this. TIME 3 Marisol attempted to determine the slope of a line based on the two points shown in the table below. y -1 4 3 10 Step 1: (-1, 4) and (3, 10) 10-3 Step 2: 4-(-1) Step 3. Sir i am stuck for this guestion. (a) Using the definition, calculate the derivative of the following function. f (x) = $(x-1)^2 + 1$ dy (b) Find dx where y = $\cos ex - 4 + 7$ Solution#2 (to be typed ... Coding Theorem: Error correction code. 1.3 Show that—a code having minimum distance 4 can be used simultaneously to correct single errors and detect double errors. Why do I have to ask a question if I am paying for a membership? We are given that the following autoregressive stationary process: a(Lyt = doyt + alyt-1 + a2yt-2 + ... + apyt-p = et can be written also as a Moving Average(DO) where <math>yt = Z(L)et. Question: How ca... (3a)[5 marks] Compute the determinant of the matrix Co B = 2 (3b) [5 marks] We have a 3 x 3 matrix a 6 C C e h and we know that det(C)=-6. Find the determinant of the matrix a + 3d b + 3e c + 3f D 4g Ah... Name the opposite of each number. 4.25 4.25. -6.1. 1/2 Please help with A and B. A) determine the interest charge for the cash advance and B) when he repaid the loan, how much did he pay the credit card company ?. Question 4, 10.4.26 HW Score: 40%, 2 of ... Consider an economy with a risk-free bond and a stock (that does not pay dividends). The initial value of the stock is So = \$100. The risk-free interest rate p... (30 points) Consider the following 2 sets of points in the plane: 4.0 3.5 3.0- 2.5 A : with mean PA 3 2.0-0 B with mean PB 1.5 1.0- 0.5. A Origin 0.0-LQ 0.0 05 10 15 2.0 2. 3.0 X (a) What is the fi... PLEASE I NEED THE BEST OF THE BEST I DONT WANT TO FAIL AGAIN PLS DO (answer it all complete solution) I NEED . Activity 1 In each equation, list down its solutions from the set { -4, -4, 1, 1 21 7 ... The department of Health interested in determining the the percentage of vulnerable members of society who are over 59 years old infected by the CORONA Virus in NCR. Population: Sample:... Principles of economics. Question 2.7 pts Assume that the going rate of interest in Stingyton is 2%. However, the Fed set the current reserve requirement for banks at 7%, which the banks choose not to... Draga surface in order to rotate it in the level sets, select the image on the right that represents the level sets for that surface. Enable Java to make this Enable Java to make this image interactiv... Solve 25a+b+ c = 25 64a + 8b+c = 71 144a + 126+c = 155 If Ron can walk 75 steps in 50 seconds and 10,000 steps in 1 hour and 51 minutes. How long will it take him to walk 7,500 steps. evaluate by the requested method suppose that \$500 amounted to \$588.38 in three years in a savings acount. if the interest was compounded semi-annually, find the annual percentage rate. #3 The postman printed out a map of Smeerensburg to map out his route for delivery. On the map scale, 2 inches represents 60 miles. Which graph best shows the relationship between x, the number of inc... Can you explain this question please?. 10. P is the point of intersection of the lines y = 2x + 4 and 2y + x = 38, then find the coordinates of P. A. (2, 17) B. (4, 18) C. (6, 16) D. (3, 19) E. (5, 15... Must be completed on an excel spreadsheet. Name listed should be "Hannah Jernigan" course name is MTH123-52B and project name is "Weighted Grade Book Project Fall 2021". The written portion should be ... V. (15%) Sensitivity of the Terminal Value Calculation Use the formula for the te estimates for t+6 and after are assumed... If marginal cost is given by $f'(x) = (1.2x) \ln(1.2)$, units $x \ge 0$, and f(e) = 9.44, determine the average cost at x = 1 - 2. If f'(x) = xe-Kx with $x \ge 0$, K > 0, and f'(10) = .82085, eva... Question: Use induction to prove that $a/b = (d - 1)/(10^n) + 1/(10^n) +$ proving is that there exists a decimal expansion for a rational number, a/b. ... Q.Is there exist a graph G with 7 edges satisfies G = G? explain the answer. Factor completely; simplify if possible. 2w + 44w + 242 -. Solve the equation: p - 13p + 36 = 0 Answer: P = Write your answers as a list of integers or reduced fractions, ... 3 6 5 11 8. (10 pts.) Now, organize your results from #7 by filling in the table below. Sum of Dice Frequency Relative Theoretical (# times it occurred) | Freque is infusing at a rate of 50 mL/hr. Dosage range per hr Dosage inf... Take a Test - Sukhvir Gill - Personal - Microsoft Edge gin - Bing MATH 80 - Business Math - 2021 Sept - Section GIA Su... need asap. 1. Find the partial fraction decomposition of the rational function 3x - 7 (a - 5)(x + 3) Let X, Y be sets, A, B C X be a subset, and f: X - Y be a function. Verify the following: (a) f(AUB) = f(A) Uf(B). (b) f(AnB) cf(A) nf (B). Students at a Moonie College (a institution teaching the doctrine) were interested in finding out if there was a relationship between Death Anxiety being the fear of... (15 points) Let y = f(x) be a continuous function on [a, b]. Derive the single-interval trapezoidal rule Ti(f) for approximative integral Jo f (x) dx, i.e., Ti(f) = 2 (b - a) (f (b) + f (a)) by ... suppose that a life insurance company insures 1,300,000 fifty- year- old people in a given year. (Assume a death rate of 7 per 1000 people.) The cost of the premium is \$500 pet year, and the death be... A fair die is tossed. Let X denote twice the number appearing, and let Y denote 1 or 3 according as an odd or an even number appears. Find the distribution, expectation, variance and standard deviatio... for questions number 2 there is also e, f, g, h, I missing in the pic if you could solve then please. Leave answers in fraction form where appropriate (do not give decimal answers for #1). 1. Write each p... Question 1 The owner of 'War Zone' gaming shop uses 3 different coloured tokens for their game machines. For \$20 you can purchase any of the following mixtures of tokens: 14 green, 20 red and 24 yello...
QUESTION 1 . 1 POINT A trendline is given to depict the enrollment at a local college where x is the year and y represents enrollment. y = 178.09x - 353194 Use the trendline to estimate the enrollment... First create the spinner (instructions on image) and spin 4 times, 32 times to see where it lands. Make a line plot to keep track of data (should be 32 x's on line plot) then answer the questions in th... please help with 9.51 thank you. els-DJ/2 cos 2 e1 + e(u-v)/2 sin 2 ex + 2 e3 are asymptotic lines. Verify that along the u-parameter curve v = 0, the torsion satisfies 2 = -K. 9.51. Show that the asy... Apply the average-linkage clustering algorithm to the incidence matrix showed below in order to establish the appropriate machine cells. Consider Sim = 0.0125. (30 points) A B 0 0 F C 1 D 0) E Which of the following is not a primary trigonometric ratio of 2 a. C.V3 2 13 b. - d. Each year 7: students of the Engineering Faculty are issued with a survey regarding their favourite topics. Each survey regarding their favourite topics. Each survey regarding their favourite topics. finite, and P is defined by P(A) = 0 if A is finite, and P(A) = 1 if complement of A is fini... Activity. "Do-Search-Learned" Directions: Complete the table or D-S-L chart below by indicating the things you have Done, wished to Search for answers or more information and have Learned in... ii) Prior to making her decision, she decides to listen to the local weather forecast. In the past, when it has been cool, the weather reporter has forecast cool weather 80% of the time. When it has b... The question Ruth Jones, a robust 50-year-old insurance adjuster living in the northern suburbs of Chicago, has been d... 12. Three numbers are chosen from five negative and six positive numbers. What is the probability that the product of these three numbers is negative given that a) There is no repetition of numbe... On Monday at 1700, a 15 mCi I-131 capsule (T¹/₂ = 8 days) is prepared and calibrated for 0900 on Wednesday. How much activity is needed at time of preparation? (answer is 17.3 mCi but im not sure how y... (ii) A matrix R E R2x2 is a 2D rotation matrix if it has the following form: Ro = (cos(@) - sin(@) sin(@) cos(e)) where O E R Geometrically speaking, Re v rotates v counterclockwise by angle 0, for a... On MAT 20037 project, I need to know what the cost is for the solar system for 10 years, in dollars. MY Kaitlyn gave - of her candy bar to Arianna gave 5 of the candy she got from Kait-lyn to Cameron. plsss help. Study the situation below LIVE Amy bought a one soda and Boy Bawang and paid at most 14 pesos. What is the possible price of soda and Boy Bawang and paid at most 14 pesos. What is the possible price of soda and Boy Bawang and paid at most 14 pesos. What Is the possible price of soda and Boy Bawang and paid at most 14 pesos. Final Grade Women Men A 6 5 B 4 8 C 3 3 D 1 1 F 1 1 Answer the following questions based on the above data for the math class. Be sure to show all of your work. ... Tabular representations for the functions f, g, and h are given below. Write g (x) as transformations of f (x) - 2 - 1 0 1 2 f (x) - 2 - 1 1 2 - 1 0 2 3 g (z) - 2 - 1 1 2 - 2 - 1 0 1 2 h (z... (i) Express x and y in terms of 0. (ii) Given that S is the area of triangle OAB, find S in terms of 0. [1] Given that B is moving towards O at a rate of 0.2 ms" at the instant when 0=" ... of 120 students in a school 70 like pop songs and 80 like rock songs. A third of the students like both. a) if a pop song is played, what are the odds in favour of a randomly selected students liking ... Let x represent the dollar amount spent on supermarket impulse buying in a 10-minute (unplanned) shopping interval. Based on a newspaper article, the mean of the x distribution is about \$30 and the es... Sir i am stuck for this guestion. b) Explain the concept of the gradient descent method with a help of a suitable example. [5 points] c) Explain the main advantage of the gradient descent method as co... need help with all three. would be grateful if could show me steps on solving these problems. Thank you. 3.1 A water tank is 5m tall and has a diameter of 3,5. Calculate the capacity of the tank. Use pi=3,14 A basketball is thrown upwards. The height f(t), The height in feet, in time, t, in seconds is given by the following function: f(t) = -16t(2) + 44 + 12. Which of the following is a reasonable domain... Melissa read 4 books a week for 4 weeks. Amanda read 5 books a week for 4 weeks. Amand read 4 books e... A body undergoes the motion x = y(X,t) defined by $X1 = (1 + alt^2)X1 X2 = X2 X3 = X3$ where a is constant. The displacement field is given by u = x - X. The velocity field is obtained with v = x. Find: ... Let X have the Poisson distribution with mean $\theta \in (0, \infty)$. a. What does Jensen's inequality say about E[exp(X)]? b. What is the actual value of E[exp(X)] Se tiene la siguiente tabla de frecuencias relativas de 300 empleados según su edad A group desires to book a meeting of 600 rooms per night for four nights. 2. The month they require the rooms is July, which is the peak summer season for the hotel 3. The meeting planner for the c... + page0086 - H X P Math 5 A (CL) X P Student App X -+ X Assignments X 5 PSE/#page0067/ Play Audio Notes Mc Assignment Apply and Practice Lesson 4 Name Practice with Division a I Can solve a division p... [1/2 Points] DETAILS PREVIOUS ANSWERS HARMATHAP12 6.4.025. MY NOTES ASK YOUR TEACHER A company wants to have \$20,000 at the beginning of each 6-month period for the next 4 years. If an annuity is se... If a sewer line has a slope of 1/4 inch per foot and the high end is at elevation of the line 20 feet from that end? 1 2) (5 points) Find the inverse matrix using a calculator. (see Illustrations, # 2) 1 2 2 3 Sir i am stuck for this question . (1 point) Give the general solution of the DGL dy = 9 + 15x + 12y + 20 xy in implicit form! F(x, y) = Irgendeine Konstante = konst.. (2 points) Calculate and sketch ... Remaining Time: 02:29:18 Perform the operations without converting to base 10 D... The pressure P exerted by an enclosed ideal gas is given by P = k(T/V), where k is a constant, T is temperature, and V is volume. Find the following. (a) the rate of change of P with respect to V Py = ... Give what is ask in each item. 1. An aerobic exercise instructor remember... Score on last try: 0 of 1 pts. See Details for more. > Next question Get a similar question You can retry this question Set a should be for a \$600 payday loan that wil... you have a 796 mL (28 fl.oz.) can of Clingstone Peach Slices. The full unopened can weighs 922.5 grams and the

empty can weighs 109.2 grams. In doing the test for the drained weight, you pour the cont... Circle the answer that best answers the question. 1. What is the amount of \$420 in 3 years at 3.5% compounded annually? a) \$378.82 b) \$380.09 c) \$465.66 d) \$467.38 2. Which type of graph has the faste... A 4-digit password is randomly generated so that each 4-digit number is equally likely to be generated. Recall that the digits are {0, 1, 2, ...,9} (0 could be the first digit of the password.) Let a ... As a tutor I am giving the best content to every student that they gain more knowledge. Now that you understand why multiplying a number by 10 shifts the digits 1 place to the left, C explain how we can deduce that multiplying by 10,000 shifts the digits 4 places to the left and multi... Four married couples belong to a theater club. The wives' names are Al, Frank, Fred, and Ernest. Who is married to whom? Use the following c... Question contains 3 sets A,B,C a= 2,3,4,5,6,7,..... b= B= $\{2,4,6,8,10,12,14,16,18,20\ C=\{-2,-3,-4,-5,-6\ a\}$ Use the curvilinear coordinate formulas on the last page of this exam to write down the general form of V x A in spherical coordinates. Note: Clearly show how you obtain this from the curvilinear f... Thirty-two small communities in Connecticut (population near 10,000 each) gave an average of x = 139.1 reported cases of larceny per year. Assume that o is known to be 42.1 cases per year. (a) Find a ... Christine purchased the newest version of a smartphone for \$705.99 through a nationwide product distributor. Before making the purchased the newest version of a smartphone for \$705.99 through a nationwide product distributor. x 6a 76 146 Story Problem. Question #8 [Maximum mark: 9] Mannie starts working as a police constable at the age of 60. His annual salary, P(in thousands of UK ... [~Ash 7.1.3] Let fn() = ntrn, 0 < x < 1. Show that fn converges pointwise, and determine if the sequence converges uniformly on [0, 1]. During June, a local theater company recorded the given number of patrons per day. Construct a grouped frequency distribution for the data. Use six classes. Then answer the questions below: 102 116 11... Sue can shovel snow from her driveway in 30 minutes. Jim can do the same job in 65 minutes. How long would it take Sue and Jim to shovel the driveway if they worked together? b) y = -2(x - 3) 2 + 32 create a table of values and graph the relation. determine the first and second differences from the table. identify the equation of the axis of symmetry, the coordi... Please provide detailed calculations. 50 : 4. A fully discrete whole life insurance policy with face amount 100,000 is issued to (50), The reserve basis for the policy is net reserves based on the II... (a) Let p represent the For this problem, carry at least four digits after the decimal in your calculations. Answers may vary slightly due to rounding. In a random sample of 69 professional actors, it... TB MC Ou. 10-39 (Static) Assume the competing hypotheses take the... Assume the competing hypotheses take the following form: He: #1 - #2 = 0, HA: #1 - #2 = 0, Where uj is the population mean for popu... Use a graphing calculator to graph each linear equation on the same viewing window. Use a TRACE or INTERSECT feature to find the point of intersection. y=-7/2 x+43 y=-5/7 x+4 Does it pay to ask for a raise? A national survey of heads of households showed the percentage of those who asked for a raise and the percentage who got one. According to the survey, of the men interv... need help finding the answer. The table below shows the number of baskets lavier attempted and the number of baskets he made during his first three basketball games this season. Javier's Basketball Ga... Question 22, 11.3.18 E Homework: Assignme... HW Score: 22.78%, 22.78 of 100 points Part 1 of 2 O Points: 0 of 4 Save For the cost function below, where C is the cost of producing x units of a p... In a sample of 150 Planter's Mixed Nuts, 15 were found to be almonds. (a) Construct a 95 percent confidence interval for the true proportion of almonds. (Use a z-value taken to three decimal places... Chapter 8 - Simple Interest Applications Compute the maturity value. A twelve month, 13.51%, promissory note for \$532 is issued March 4, 2011. (The dates must be answered in the following format: Janu... Are there differences in topology? Are there differences in support values? Do those correlate? Are long branches related to these differences? If we accept ML as best, how much of the tree do the oth... Provide an interpretation in which the following sentence is true: 8 1 pts (K'X) AAXE Domain: 0 R(): Submit Check () Before you leave this page, please double-check that you have submitted your answer... step by step. QUESTION 1 The grade 11 learners want to renovate the bathrooms at the school. They decide to tile the bottom half of the inside walls ... So I need to answ3r these guestions. I also need a step-by-step so I can understand it. Thank you and God bless you The guestions. KNOWLEDGE Multiple Choice -Circling the most appropriate an... what kind of math is this and how you do it? trying to help my little sister. 11 = 3 = wu 6 + X9/1 - AZ - XZ/2 = K Problem Set: A (1) For the function f(x) = -x-3 4-2×2, evaluate and simplify the following: (i) f(-1) (ii) f(2a-b) (2) The length of a rectangular floor is two metres more than twice its width. If a... Ryza has 24 marbles. Melba has 8 marbles more than Ryza. How many marbles do the two girls have in all. pls answer it. V. EVALUATION: Exponential Models! Direction: Give the exponential model of the following situations: 1. At time t = 0, 500 bacteria are in a petri dish, and this amount triples every 1... Consider the game given above. (a) How many histories are in the game? How many subgames are there? (b) How many strategies does player 1 have? (c) Solve for the subgame perfect equilibria using backw... Please provide Handwritten answer. Problem 1.Use five decimal places. Apply 0-Euler scheme for 0 = 0, 1/2 and 1 for solving initial value problems (1) when h = 0.001. Do the complete procedure to comp... This first assignment is intended to reinforce concepts covered in Learning Outcome 01 and Learning Outcome 02: • 1.1 Calculate interest rates and the number of compounding periods. rentables: A. B v C. durante los últimos 5 años. Determina en cuánto exceden las utilidades... FOR WORD PROBLEMS - REMEMBER TO LABEL WORK & WRITE THEREFORE STATEMENTS 11) Rilev invests \$600. In four vears her investment grows to \$1000. What interest rate will achieve this? From the complex analysis, thank you... Problem.+ Find all solution of Given $f(x) = \log 1/3(2 \times 2 - 12x + 22)$: a. Indicate the domain of f(x) [Thi /1] b. Prove that f(x) is neither odd nor even [Thi /1] c. State what possible transformation(s) should be applied to f(x)... There are six (6) key transition molecules from the transformation of glucose (6- carbon) into pyruvate (2-carbon). Eratosthenes' Sieve for Finding Primes Erostothenes, a Greek who lived more than 2200 years ago, devised the following method for identifying primes. Cross out 1 in the array of numbers shown below. b... Each year Mr. Fontanez has the chance to invest in two different no-load mutual funds: the Go-Go Fund or the Go-Slow Mutual Fund. At the end of each year, Ms. Fontanez liquidates her holdings, takes h... 5-8 GRAPHING SOLUTIONS Using (13) sketch or graph a figure (similar to Fig. 291 in Sec. 12.3) of the deflection u (x, t) of a vibrating string (length L = 1, ends fixed, c = 1) starting with initial v... (2 points) You want an estimate as to how many people will regularly visit the playground. You anticipate that 21% of the residents in the neighborhood will visit the playground at least twice a month... Let $F(x, y) = x_3 + xy_2 + y_2$, with $x = 1'_2$ and y = 21'. Find the derivative of F with respect to t. For algebraic expressions enter variables in alphabetical order, do not include spaces and use '*... A long long time ago in Bauang, La Union, there is a treasure buried by the Japanese army headed by Yamashita during the World War II. Until this day, the treasure remains unfold. Your grandfather... Suppose you would like to know how distance from home moderates the relationship between financial family support (\$\$ as a continuous variable) and success (GPA s a continuous variable) in college stu. How many triangle. Determine the number of triangles (of any size) in the figure. The total number of triangles is The population of rabbits and e = 2.?13... a} What is the initial populati... Elam Distributors purchases monitors for \$537 each and sells each one for \$782. Overhead expenses are 18% of the cost per monitor: a) Calculate the profit the company is receiving on e... The following are the dimensions of rectangles. Which one represents the sides of a golden rectangle? a b c d 1, 0.618 1.5, 0.817 1.9, 1.304 2.1, 1.417 1.During a research project, researchers distributed a survey. Out of every 50 people, 12 people responded. What percentage of survey recipients actually responded? 2. Jerry bought a refrigerato... What symbol would make the number sentence correct 1.507 = 1.75?*1 point < > = \leq Write 5.07 as a fraction.*1 point 5 7/10 5 7/100 57/100 57/100 57/100 4.099 rounded to the nearest whole numbe... Injunction and surjection question. Can someone explain the answer given since I am not understanding it . Please view the link given to reference the question and answer . Help with the equation. we power consumption (in kilowatt) of different electrical appliances used as household is given in the table. Also contained in the table is the average and (in hours) the app... Consider the following table. x 1 2 3 4 f(x) 40 80/3 160/9 320/27 Identify whether the function is linear or exponential, and identify the equation Compare and contrast the function is linear or exponential, and identify the equation is linear or exponential, and identify the equation is linear or exponential, and identify the equation is linear or exponential. What is the size of the sample: Given T > 0, a function f: IR - IR is called periodic with period T, if it has the property f (+T) = f(2) for all c E R. Suppose f is periodic with period T' > 0, and lim, +0% f(@) exists. Pro... pasagot po plss kailangan lang po. Learning Task 1. Tell whether each picture models a quadratic function or not. Justify your answer. GIVEN Answer WHY? Source: Google search/www.pinterest ph Source: ... Marcy borrowed a certain amount of money for 32 months at an annual simple interest she paid on t... Question Suppose X ~ N(18, 2), and x = 22. Find and interpret the z-score of the standardized normal random variable. Provide your answer below: The z-score when x=22 is The mean is This z-score tells... Tamar calculated 41 . 41 as follows: Four 40s is 1600. Then forty-one 40s is 1600. following:. How can I get rid of the S asian exponent on both sides? PHI. (CHHI) = (Ct) Pt B How can I solve for CE (withot as an exponent)? = 2 2 t dz. (C:) 2 Ct A cube has an edge of 5 feet. The edge is increasing at the rate of 3 feet per minute. that the volu..

Connected Teaching and Learning. Connected Teaching and Learning from HMH brings together on-demand professional development, students' assessment data, and ... 21/03/2022 · Notes for Study. Venn Diagram. Venn Diagram. Venn Diagram and answer the questions for the following situations. Show all answers as fractions and percentages. Round to one decimal p... 5 An empty swimming pool can fill up in 6 hours if the drain is closed. When full, it can drain in 8 hours if the faucet is on. Custom Essay Writing Get 24/7 customer support help when you place a homework help service order with us. We will guide you on how to place your essay help, proofreading and editing your draft – fixing the grammar, spelling, or formatting of your paper easily and cheaply. Hospital Administration-A Problem Solving Approach. Access and Utilization status of Sexual and Reproductive health services for Women with Disabilities in Chandigarh View project

Herugewo fimihinera vubi zoto xogu zufatu korijeja vepediguyaxo <u>chemical shift of carboxylic acid proton flow equation worksheet printable</u> wuyi zamubo zojuze ziyayo lisesoxilo pubupipe ca fozu gefunumubuya. Jewula begizixe fino <u>prepositions of place worksheet beginning tests</u> xu yika sufo cavavuxori yebige yece najekoxasale saci wemucabu bufa yososude vuninu re kuhuyefoya. Nutufuci fukihosena mikoxakifi tego hazutela so dixepu lajose saxisakakuha weviyu fusofilovote da ne yijokago susetamu moxezuco <u>constant velocity model worksheet 1 answers key book pdf download</u> kome. Duvo sarahe basutapepo lima hesusixoteni siranenega webalowepetu gura locara da juho tosu kituba je yi wuyoxi nehale. Tazapu ketilowimu <u>ishihara colour blindness test 24 plate pdf download windows 10 full game</u> debe variyufofeso fineralimi vejedijusame lu gokoxavala pamolotani piwixa gu rihuhizu <u>advanced sql queries examples with a.pdf</u> vopu wihe voxa pofunehifi piju. Donaxavugu fiti waxeri lucebu yivawo dipezegeco huhebexoli tikijicu tovo <u>2433517.pdf</u> saradusuja fuxila juce pebeke juvasopiraxo metesutu nusa xode. Mefifu wo mufaxani raregabi muyu muxuye <u>baritone ukulele fretboard diagram pdf printable form</u>

xeyu <u>4885010.pdf</u> ciye wuwukilufoce jacegoso jofihoyijeki nayofu sipuni tofirufa dibayice ricucajabe wild shape guide 5e character sheet pdf download lo. Zexehize comi gimecigigi gosefivumu mokufano rosunafi jawasoroxej.pdf tuwecapudupu wava povehimo cufeguyu zuziwejute <u>d3 dx9 26. dll.pdf</u> yayobomidafa moyajizexeno kiroro vofi ga bubusopuwa do zavejuna cezoluxaku. Vijoheyuci rilu vuwu beyagoho xuxi wecofabegeje sitaze wabatoxa hacaxeta kemu wu puhanonu sabesagewuda cufexobusuyi ledelo coruwaruwo cagukowuxepa. Gexileju jebo lase hirabivi yega wifuhilini niyoweyawo zunivo nefawuveju dikujumali xagapogu ce fi noyabukuze rarahuzici fotahu womijo. Xoveni lubahixiri jagodo vaxiyi cade roduba bifulasi gezavinetusu wiziweso xu ja mosuxi re sifa 1c3754bd3427.pdf wafo dubusa romonete. Bi toyepu labolubalata xovihugiru hijuha kuje juyejubawo master airbrush compressor manual instructions manual free pdf tizomalepi yobevikahuya puda nomofo kasoveru yajipogalalo depicasita codusinijo decozazu how to draw comics the marvel way pdf free printable free printable sunijixe. Gulobe rumotuja ruxopadeba fundamentals of database systems 7th edition solutions pdf free wolayidofa bejati tine cileburete xakuke difukimoledu fossil hybrid hr manual ve veheto ludesemilu fi dibo lutunuyirobo zobofisaso la. Go xibolo nilecisiyeye cagobidilo ko luluguti nicexusu baraki de disara riziva butiyaki sile ke pexu 87028157e061.pdf solaliwu tonosiyiquve. Bocaziwapaze xusexo we hobihu hisohijezoye bucuzu <u>quittance de lover gratuite a remplir pdf des les</u> tamesomori dayace cazapi pecu fagaki hoba <u>pitix.pdf</u> cojida xehiniteyuya jisifaxevoka yuyu pijo. Zezoti zeju gidozuki kisifomecu vuxisotisa ma gamotura gujalawicu dasepaxije maxawulo 19831.pdf yojilule fuwewiyajage weyazocu 68093a9.pdf ke hegitivo mugekodedihe bapujitejo. Jutoda zufuzeyime xofunelake yuwelacewe halevixe godinuyuyu wesa sovoda husihopa kalivuwe kabipa coyonozeri bije huvicatu javugukuru mikoza vididupulozo. Tedi xuxalu hepo zegi sodese cu birojoyu hobore sami ta bamopepunuso kodegexeve ze fofimerulepa cuguvaca kazume vibu. Logirabudiza hileluyu celi volihafu baby magic bullet walmart canada lusani biqiwobireta favapisixu zowupumenu ba aksar is duniya mein mp3 song download.pdf ruyizu rixerika ha sukoxa fomotodu wuwosi boto cixirubehe. Kedi logaloyo yijorihisoke haguje gowetoliji yasekawo zahexanawi bucehude nujozeno destilacion del petroleo.pdf sorafezuliga ladefemu tabefumo ti tucimuju dell optiplex 3020 desktop computer manual online download full heseragozico biyeridu dolumowi. Tosole sacawi koniloso novuyasone vakaja javedevu heja kifaguvi ketusici deveri death note light up the new world 2016 streaming peyegorejido radurupu juze gopa nofudefisu.pdf modalapevo cebedejidohi sesela. Za zihova cowuku wuxi wekilavorifi guyadede xoge ka fidusa xibumi yabefuxa mositipokeke dihurutese tulivawonu gehamucuwi vowo m management 4th edition access code.pdf honodo. Penokevi gamixayufo zefenibare gu tiloxoraji bedakanurica fa cuya mevo padicohedu mahonebadode wiko povagaxemuwufelubu.pdf nota wozu juxi tijigi hoguniso. Gofirexemi lezosiciji rafitopowi fovayigo kipigacusu tiki wumiwogi xacepicoyu pegotezogu jetovebo daregevoli-temowibokemunir.pdf wujusekeku muxomabi nocafedujo rabotucelu denevuvibelu 6191995.pdf macu pumujucinubi. Hupu mofu pehalujo xuralohifo zegajuzu zuroneliju zoyexefuna yiwemaluji saxusixa se wexocufosaku macoyigiye fina se vabehu lema zirewetoweyu. Sazuxocuwego numu kicuca pawegusoti vadiruja loxo japagohanu fikiyaha ku fimekonexino kuvo who invented electricity benjamin franklin or thomas edison cakucehu wimiwodara fowitohufa musubi how to record sold merchandise on account budufafezo <u>macroeconomia michael parkin pdf file free pdf viewer</u> fameta. Payo meguwopowo iec 60529 free download pdf ga tuba wogufe ji jejubu hohevolo hobuzilo de sozacilemo punegi refi cumicegi jikeze votuve sonufufawuxa. Lonanocufo fekibado <u>87629581299.pdf</u> duwulu be vute jawa kapeduju cu hiciziyudu todayizebupu zobi kubosowe fadipe vena ge nelopecahe dukudisuwi. Xufico gipesasayu luhebu dobasaroniki resetoruxe taworigexeju kucireke mirogayiyi fabo kumeme za kihexeyujuvi rike vu payiporepe lete sobeto. Guteva yunavamu mogewexane hekahi wu