

AAMS1164 PRE-CALCULUS

Assignment 2 SET A Submission Form

Faculty	Faculty of Computing and Information Technology
Programme	PRE-CALCULUS
Tutorial Group	5
GROUP	1
Lecturer / Tutor	CHOONG WEI CHENG

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LINK FOR VIDEO:

 $\underline{https://drive.google.com/file/d/18jShfFHxyZd7wSRGVeR8qd5v3tfGBKLS/view?usp=sharing}$

	&1
-	1. (8-2x) † × n
- 1	$= [8(1-\frac{1}{4}x)]^{\frac{1}{3}}$
-	
+	= = = = = = = = = = = = = = = = = = = =
+	- 2 [1 - 12 x - (= x = x = x = x = x = x = x = x = x =
-	$= 2 \left[1 - \frac{1}{12} x - \frac{2x^2}{169} - \frac{52x^2}{5184} \right]$
-	$\lambda = \frac{2}{2} \times \frac{2}{2} \times \frac{10 \times 3}{2}$
+	$= 2 - \frac{1}{6} \times \frac{36}{72} - \frac{1036}{5184}$
+	- 7 6 7 3134
+	
-	0.000 n=5×12 = 12
Ь.	1. $A = 50000 n = 5 \times 12$ $= \frac{1}{400}$
	R = \frac{3}{400} \times 50000
	1- (1+ 3/10) - 60 315
	= 0.3613
	= \$111037.92
	jj. 1037.92 x 60 = Am 61275.20
	6 22 75.20 - 5000 = FM 12275.2

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	= 5;	n ()	c+60°	×1.	3 75	S	100	9.9	125			SX	= 7	1	RI	II		

	No.	Date
Assignment 2 Section A		
Question 3		191
· (a) [5 2 -3]		
M=251	19	
-3 9 -1	_	
[M]=5[5(-1)-1(9)]-2[2(-1)-1(-3)]+(-3)[2(9)-5(-3)]	
=5(-14)-2(1)+(-3)(33)		
=-17		
(6) [5 2 -3]		
$M^T = 2.59$		
[-3 1 -1]		
[59-29-25]		
11 -1 -3 -1 -3 1		
adj M= 12-31 5-3 5 2		
1 -1 -3 -1 -3 1		
12-3-15-3+52		
[59[29]25]		
-14 -25 17		
= -1 -14 -11		
[33 -51 21]		
(c) [-14-25 17]		
$M^{-1} = -\frac{1}{171} - 1 - 14 - 11$		
33-51 21		
14 25 _17		
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= 1 14 11		
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11 17 7		
57 57 57		

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[-3 4 -1)[2] [-14 -2] [] [-14 -2]	251	y = -	-4
<u> = </u>	-39-1	12] 1	
7 17 33 -5		1	1-17-3
		19 -	171 33 -5

 $\begin{bmatrix} y & -1 \\ z \end{bmatrix} = \begin{bmatrix} 171 \\ y \end{bmatrix} = \begin{bmatrix} 171 \\ y \end{bmatrix}$