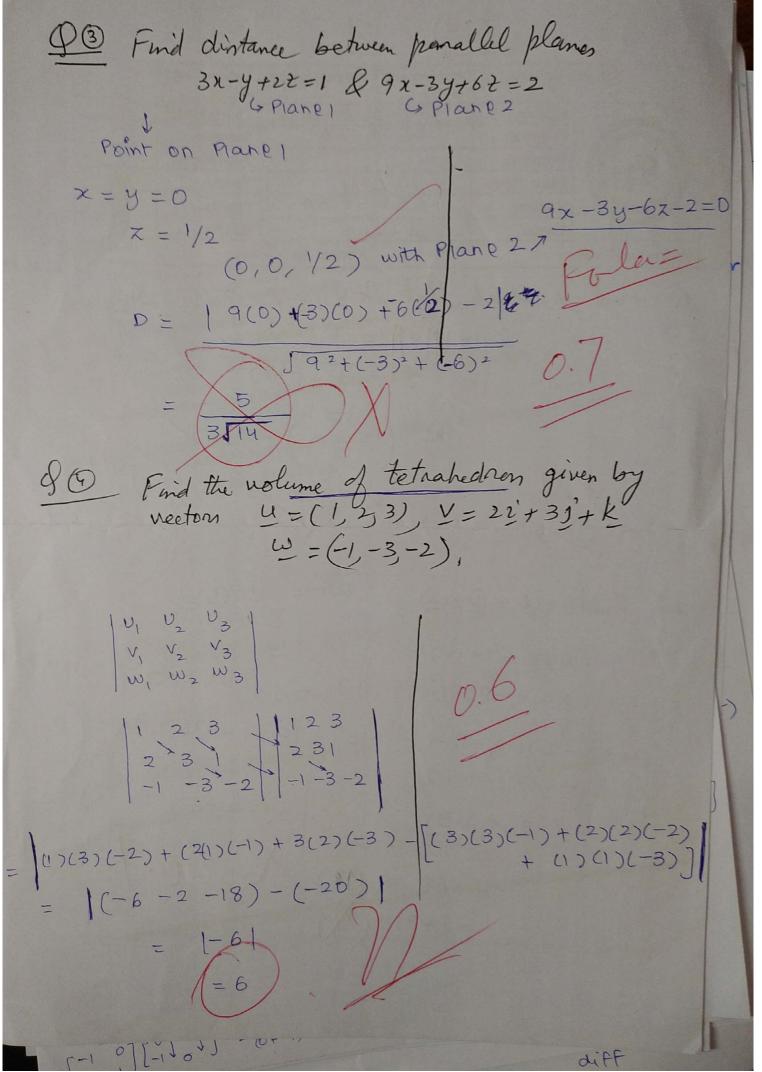


93 Solve by Grans Fordan Method -2b+3c=1, 3a+6b-3c=-2, 6a+6b+3c=5 $\begin{bmatrix} 1 & 2 & -1 & -2/3 \\ 0 & 1 & -3/2 & -1/2 \\ 0 & 0 & 0 & 6 \end{bmatrix}$ 0-2 3 1 3 **3**6 -3 -2 L6 6 3 5 $0 \frac{2}{1-3/2} \frac{1}{3}$ 3 6 -3 -27 0 -2 3 L 6 6 3 5 J 0 0 0 6 R3×1/6 1/3] $\begin{bmatrix} 1 & 0 & -3/2 & -1/2 \\ 0 & 0 & 0 & 1 \end{bmatrix}$ $\begin{bmatrix} 6 & 6 & 3 & 5 \end{bmatrix}$ R3-6R, $R_2 \times \frac{1}{2}, R_3 + 6R_2$ +2c=0 Answer 6 - 3/2 c = 00 = 1 no solutions (Faise) exist

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	Course:	Liman Algebra BSSE 3A	Course Code:	
THIONAL UNIVERS	Program:	BS SE 3A	Semester:	
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	(k	= 7 $ $	$\overline{)^2} = 7$	
		141 / 5101 \ =	7	2
		$ K \left(\frac{\sqrt{101}}{2} \right) =$		
A.	4			9)
V		k = ±1.2		
				4.0/
2. Find	Ux (Vx	(w), where y =	=(1,1,1)	≤ 1
(u o w)) v - (u 0)	ν) ω =	(4,3,-2)	7
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(4+3-2)(-1,-1,-	-1) - 1 [61-1	-1)(4,3	-2)]
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		3A Quiz	3)				
National University of Computer and Emerging Sciences, Lahore Campus							
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Attempt All Questions							
		aracteristic equ $A = \begin{pmatrix} -2 & -7 \\ 1 & 2 \end{pmatrix}$	(A+2)Ch-	genvalus 2) - (-1)(7)			
det (LI-	- A) = U			= 0			
1 [01] -	_	11	$-2\lambda + 2\lambda - 4$ $- \lambda^2 + 3 =$	+7 = 0 $0, L^2 = -3$			
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		2-6	1	vanes			
De Find	matrin work by	P that diagonal Computing poly P	lize, A &	check 2 4)			
det (h)	$\frac{\epsilon_{\mathbf{q}}}{(-A)} = 0$		(K-4) (-2	0= (1-4)=0			
[01]-	[40]	=0	(4-4)	CL-4)-0=0			
[[0 0] -	[40]	=0		$(4)^2 = 0$ racteristic equation)			
1			=4,4 (0				
				10-5			

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