Muneeb Lone 23:-2623 DS-B

700000000000000 Date: Munich. HOMEWORK # 10 IK-A 0 0 0 ١ – J 0 4 -5 4det (A-) = 0 = -> +0 -5 4-2 2 -73+472-57+2=0 2, n2= n3=1 5= 5(IC+A) :: == ŀ-For 7=2 **-**2 0 111 -2x1+x2=0 - 1 -2 0 -2x2+x3=0-@ 0 X3 = X3 (à xa= 2x3/2 ١ 010 0 0 0 R3+R1 0 0 e 0 0 R3-281 0 0 0 0 9

Carrena Carreston (Carreston)

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Date:	
7=/21=/2/4/= 23	s/1/4 Menuel
χ_2 $\chi_3/2$	1/2
73/ 7/3/	
(13)	
T:00 / 11	
Eigenvector: 1/4	1 2/
1/2	
1/	Line Inc. Alaba
19- 21 19-2	I I i i a tall
Fo+ n=1:	
(α-λ) = ¬	- And the training
$\begin{bmatrix} -1 & 1 & min \end{bmatrix}$	
	0 -x1+x2=0
	2 -×2+×3=0
[2 -5 3 0]	3 73= N3
(-I) 1 0 0 0	X2= +X3
0 -1 1 0	-21 + X3 =0
0 -3 310 R3+2	
	R1 21 = 73
(D) 10 0	
	214 64 176
[0 0 0 10] R3	-3R1

Date: 元 23 NZ 213 713 Eigenvector = 1 MA G.M 7=1 a 1 1 3 a · The not diagonaliza EAM # 2G.M Q2: A-71 = 0 3 0 del(A-21): 0 = -1-2 -3 0 3 -1-7

λ° = 0

21:0,72:0

1

 $-\lambda^3 - 2\lambda = 0$

4.1

F	+ 7	= Q =	Limeta		Muney
					8
	-1	0	1310]		
	3	0 -	3/0		
	1	0 -	-110		
Activities on the second					
~	-1	0	1 0		
(M) (M) (M) (M) (M) (M) (M) (M)	0	0	010	R2+3R1	
	0	0	010	R3+R1	1.6
		i sanconal ano de primate e decambaciones			
	~ 1			c/ 2	

$$-x_1 + x_3 = 0$$
 $x_1 = x_3$ $x_2 = x_2$ $x_3 = x_1$ $x_2 = x_2$

$$\vec{7} = \begin{pmatrix} \chi_1 \\ \chi_2 \\ \chi_1 \end{pmatrix} = \begin{pmatrix} Q_1 & \chi_2 \\ Q_2 \\ Q_3 \end{pmatrix} + \chi_3 \begin{pmatrix} 1 \\ 0 \\ 0 \end{pmatrix}$$

