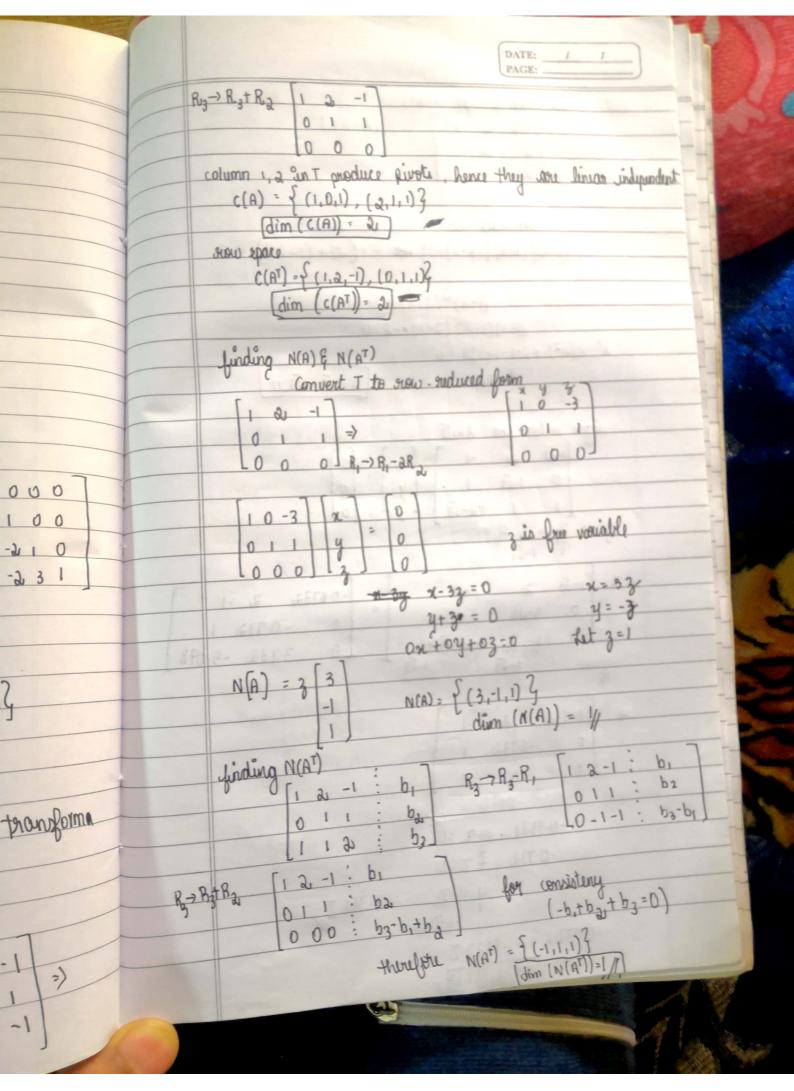
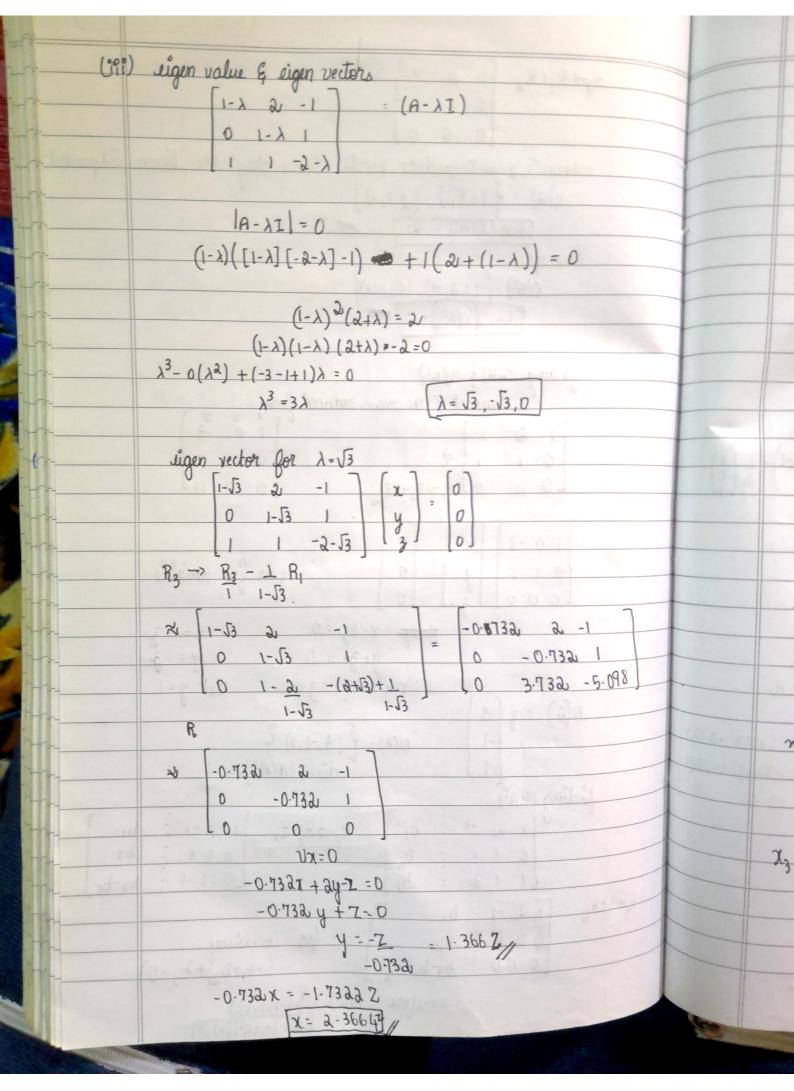


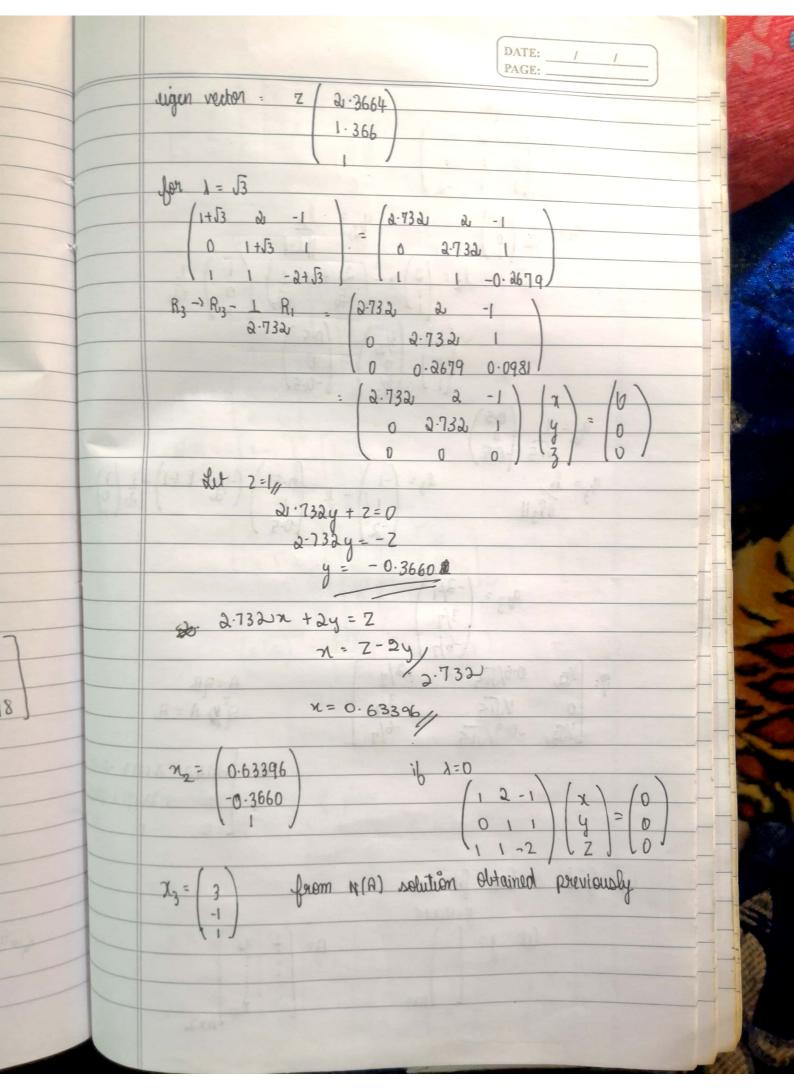
	The state of the s
(i	i) LU decomposition of a matrix
	A=WU
	A= 2 5 & -5
	4 12 3 -14
	-10 -29 -5 38
	[10 21 21 -6]
A	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	$R_3 \rightarrow R_3 - (-5) K_1$
	$R_4 \rightarrow R_3 - 5R_1 \qquad 0 - 4 \qquad 3 \qquad 13$
	0 -4 11 19
	$R_3 \rightarrow R_3 - (-2) R_2$
	Ry-> Ry-(-2)R2 = & 5 2 -5
	02-1-4
	0 0 3 5
	600911
	$R_4 \rightarrow R_4 - 3R_3 \approx \left[352 - 5 \right]$
1	0 2 -1 -4 = U L= 2 1 0 0
	0035
11	000-4
11	3: $T(x,y,z) = \frac{(x+2y-3)}{(x+2y-3)} (x+2y-3, y+3, x+y-23)$ (i) find T with standard basis of R_3 basis for $R^3 = \{(1,0,0), (0,1,0), (0,0,1)\}$
11	(i) Lind T wit standard basis of R3
	basis for R3 = { (1,0,0), (0,1,0), (0,0,1)}
	1002 15001
1	T(1,0,0) = (1,0,1)
	T(0,1,0) = (0,1,1)
	A I Jana
1	T(0,0,1) = (-1,1,-2) therefore columnwise transform
1	Gives us
1	T= 12-1
1	011
+	$R_3 \rightarrow R_3 - R_1 \approx 12 - 12$
4	011
H Comment	0-1-1

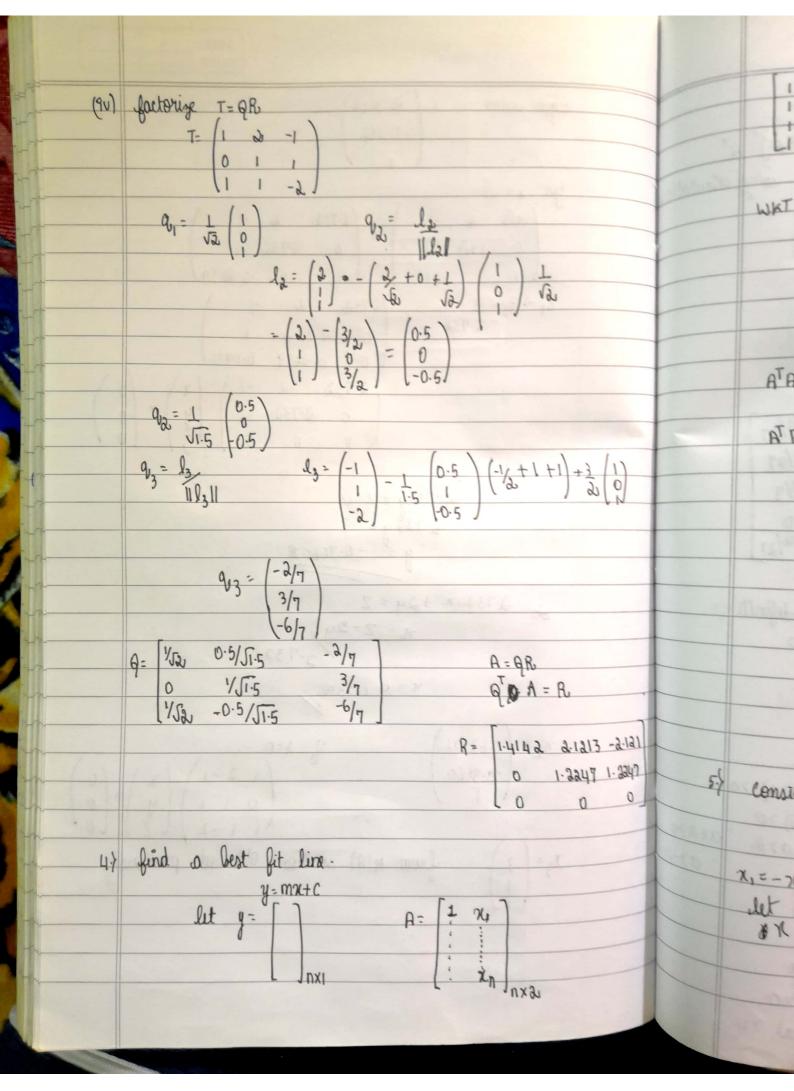


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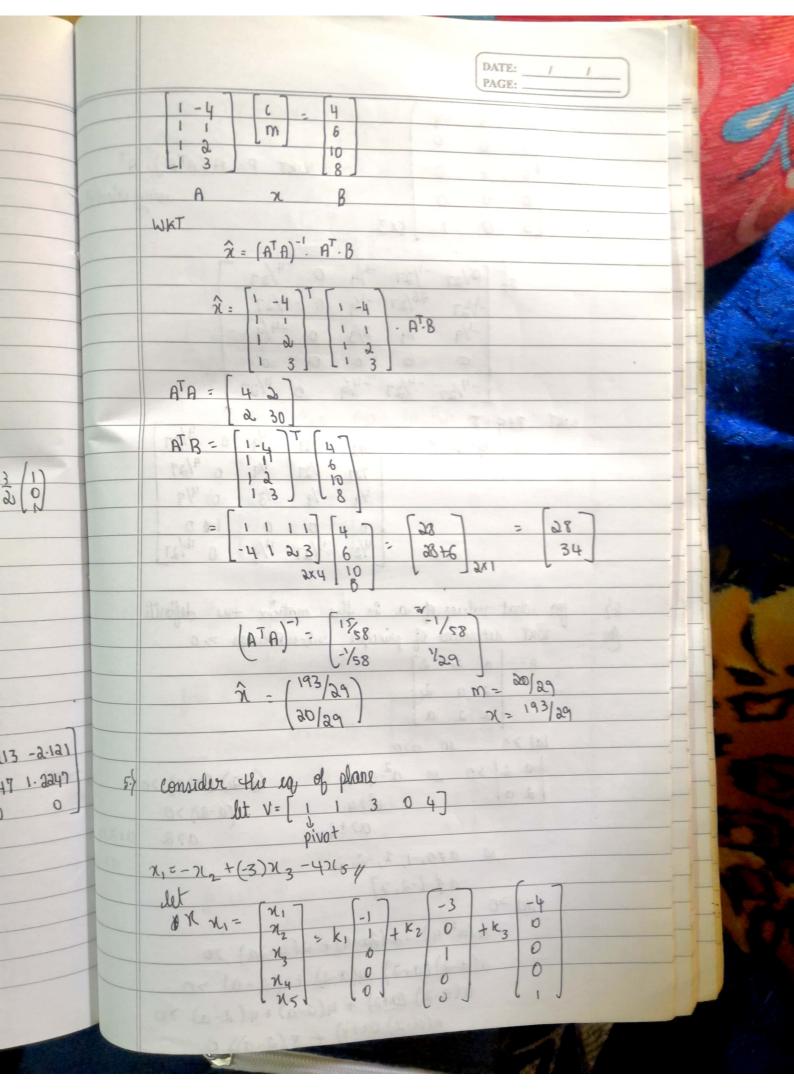


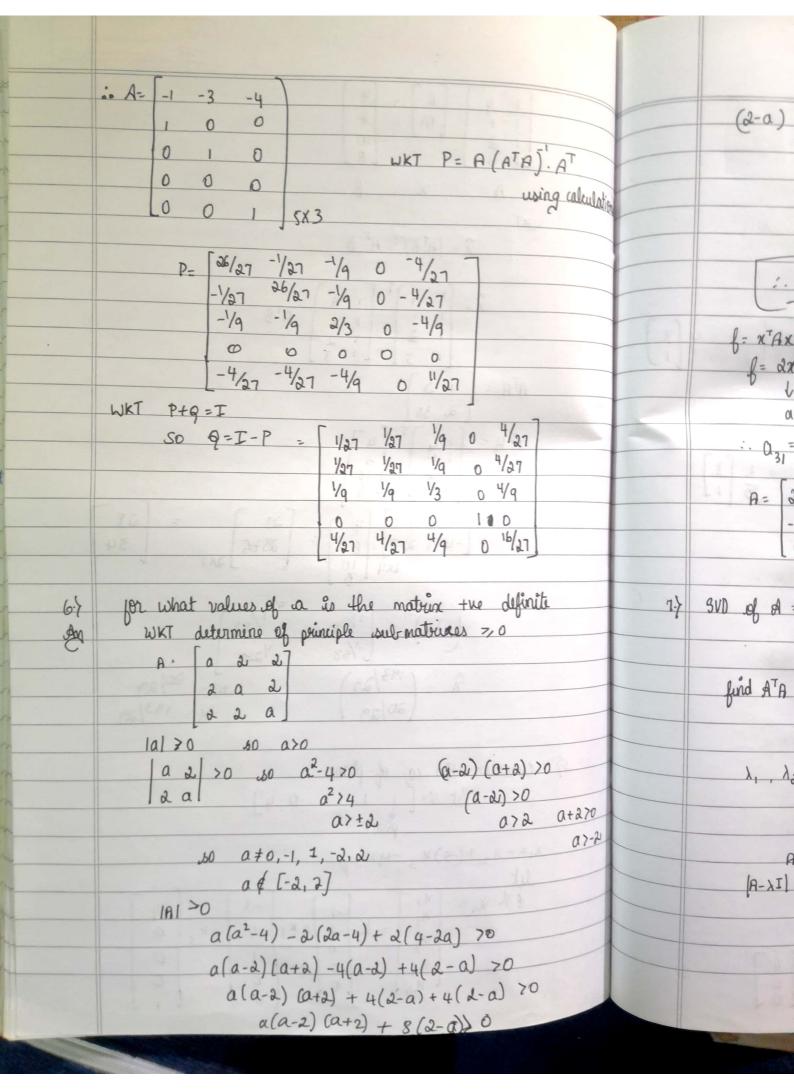
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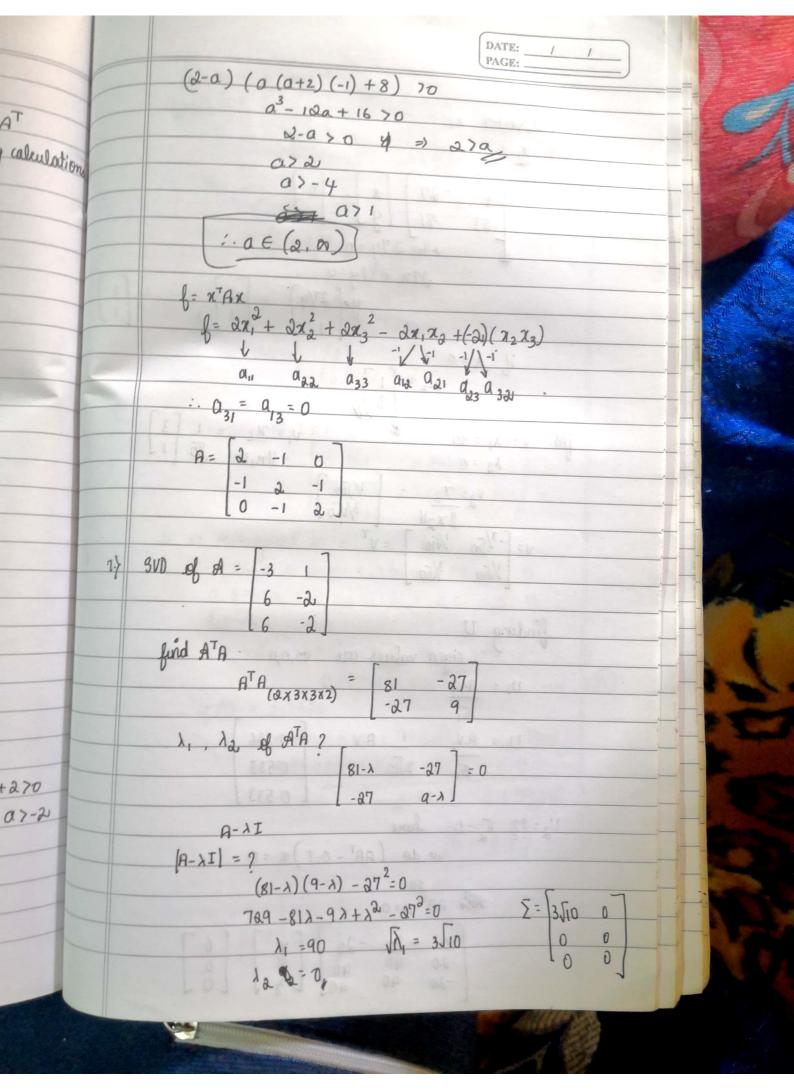


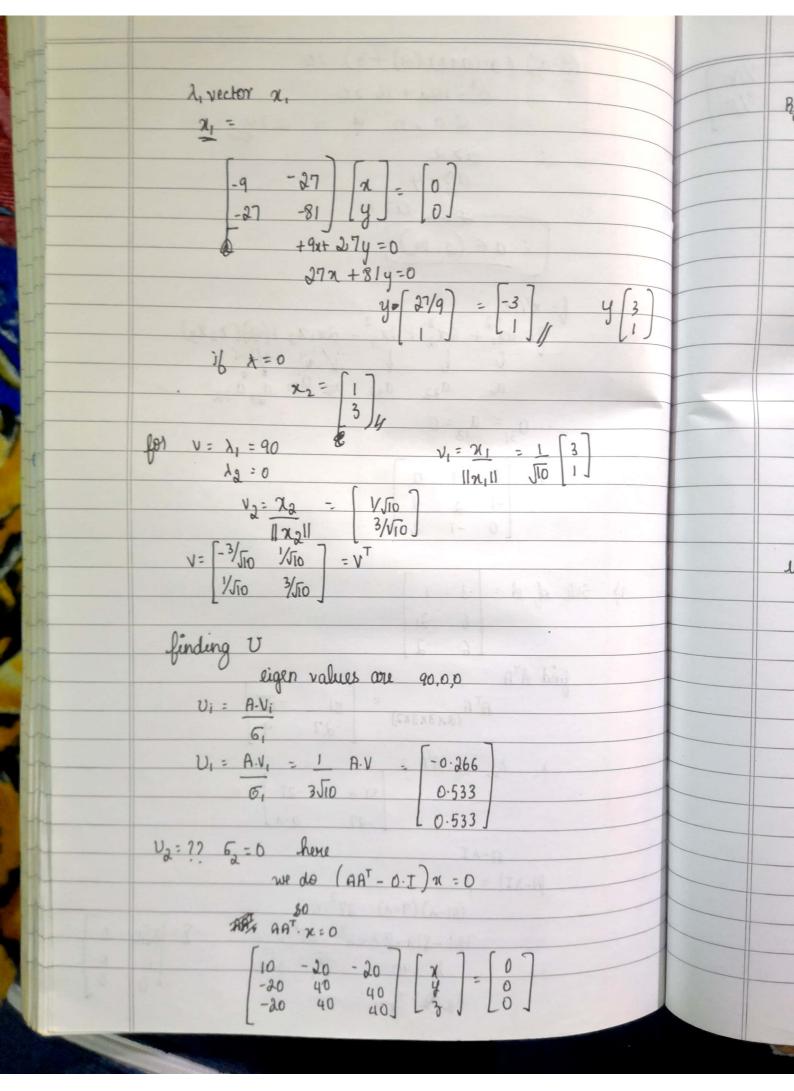
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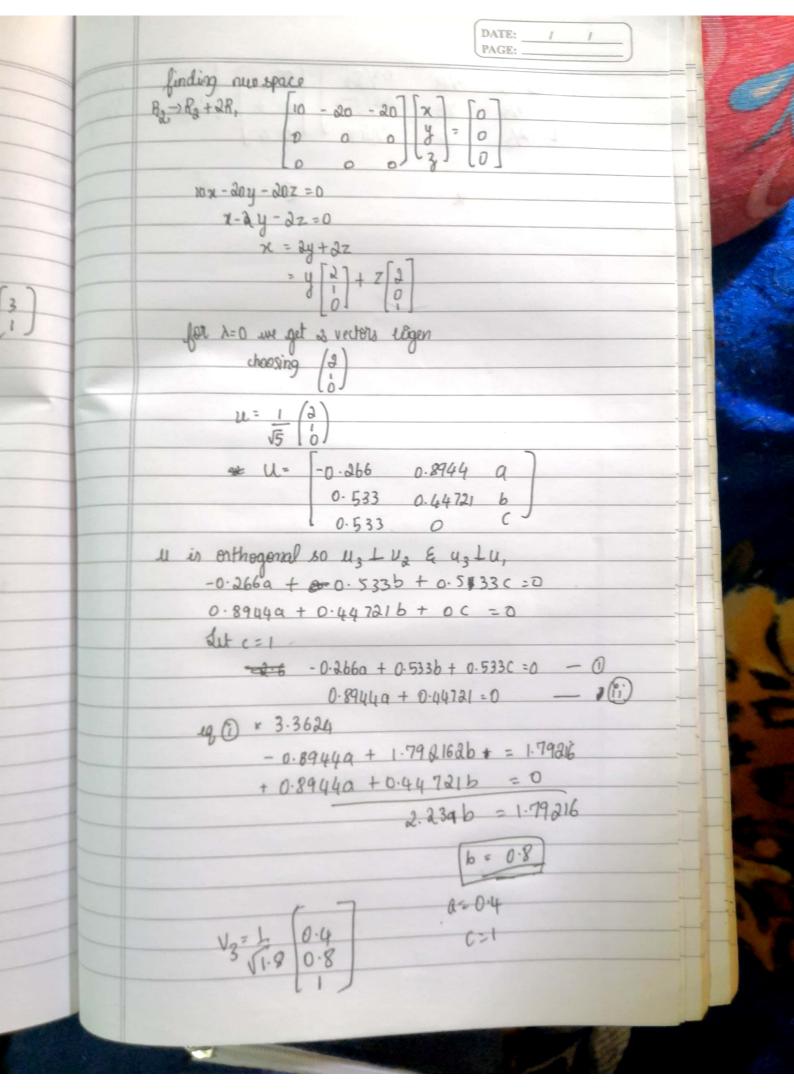


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Constant of the state of the st	A=	\[\frac{1}{45} \frac{1}{3} \frac{2}{5} \frac{0.4}{5.8} \frac{50}{90} \frac{-3}{50} \frac{1}{50} \frac{1}{50} \frac{1}{50} \frac{1}{50} \frac{3}{50} \frac{1}{50} \frac{1}{50} \frac{3}{50} \frac{1}{50} \frac{3}{50} \frac{1}{50} \frac{3}{50} \frac{1}{50} \frac{3}{50} \frac{1}{50} \frac{1}{50} \frac{3}{50} \frac{1}{50} \frac{3}{50} \frac{1}{50} \frac{3}{50} \frac{1}{50} \frac{1}{50} \frac{3}{50} \frac{1}{50} \frac{1}{50} \frac{3}{50} \frac{1}{50}
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		u E V ^T
S 101 S. S 104 O. S 1		19 16 b regit without to me and square (1) (2) converse
16 15 - ALLE S. L.		<u> </u>
AGARTE A GRADE		U is introqual to the Lucie and Luci
AGSEE × 13 m		O-Sanda t Ordinate of the
		er retopen + madera