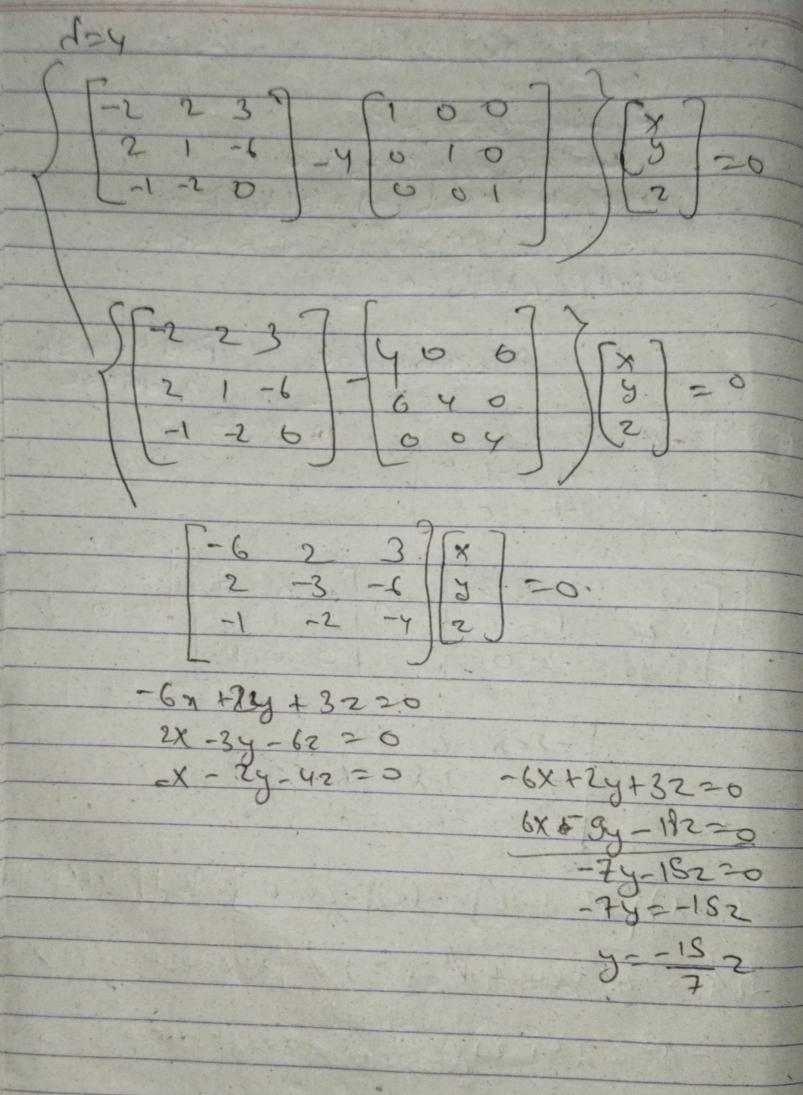
A ssign Ment-3 Robil Kumar Sas 230000 2 = 3 1 14-81 = 0. 2 1-8 -6 -0 -(2+1)[52-5-12] -(2)[-25-6]-B][-4+(1-1) -2/52- 2d +24 + 83-87-12/)+41+12+12-3+5/=0 - 12 + 21/2=3=6 =) 13+12-218+3=01 # Eigenvalues , 5-- 5.4, -0.14, 4

Resid temar say



Robid Kumar Sah 230101010

74 × 12102 [207] A-1 1 2 4-1 0 1 -2 1-1 6 1-2 0 1-1 =>(u-1)((1-1)2) + 1 { 2(1-1))20 1A-4) (1-45) + 5(1-4) = e (1-1)[(u-1)(1-1)+2]=0. (1-1) [6-51+12]=0 (1-1)(8-2)(6-3)=0 Eigen values = 8=1,2,3 for 1 = 1 3 0 1 -2 0 6 -2X20 X20,220, Y2K 3X+220 Eigen vectors = K[0] tor f= 2. [2 0]

[-2 -1 0]

[-2 0 1] -2x-4y -2x-220 2x-4y Z-1-2x

x= K, y= 2K/2=-2K Eigen vechor => K[-12]

the second of the second

Rohil ternarsah 230/0/0/02 -2x -22 =0 X = 2 -2x-2y=0 x = -9 eigen vectors = K 1 [S 0 6] (S 0 6) (A-22 6 -6 0 (-1 0 3) (5-8) (C-8) (3-87)=0 box 1=5,0,3 0 -50 -5y=0 -x-22-0 -50 y=0 x=27 x = 2k, y 20, 22k Eigen vectors = [-2]

10 x 1 = 0. [0 0 0] x 20 [-1 0 3] -x + 32 20 2 20 1 2 20

Eigen verdos = 1= [0]

par 4 = 3 (2 00) 2-k (-1 00) Z-k Eigen vectors 3) K 6