

```
5,8 #4 (Note: Write as A=PDP-1) (I'm I doing the right problem?)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (-1) x. 2.3 - 2.5 7
                                                                                                                                                                                                                                                                           6-1) 6 -6 7=1 AK= (3K
                                                                                                                  5.3 #16 A= 10-4-67 \(\lambda=2\), 2, 1
                                                                                                                  3) Augmented matrix: 5-2-4-6 0 7 R2+2R2-P1 5-2-4-6 0 7 Ref2 > Ref
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   \frac{\chi_{1} = -2\chi_{2} - 3\chi_{3}}{\chi_{2} = \chi_{2}} = \frac{1}{2} + \chi_{3} = \frac{1}{2} + \chi_{3} = \frac{1}{2}
                                                                                                                    =) The e-vects basis for the e-space when 1=2 : doi, very = of
- Augmented: 5-1-4-6 6 7 K27K2-K1

-1 -1 -3 0 JR3+R8+R1

1 2 4 0 JR3+R8+R1
[-1-4-66 7 R2+ R2/3
                                                                                                                                                                                                                                                                                                    [ -1 -4-60 7 R3+R3-R25-1-4-66 7 
0 1 20 7 20 1 20 5
                                                                                                                  = x_1 = -4x_2 - 6x_3 | x_1 = -2x_3 | x = x_3 | 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Je-space when λ=1: 2= 1[-2] }
3
```

P-1-7-1-1-37 = PDP-1= [-2-3-2] [898] [-1-1-3]
[-1-2-3] LO 11 [-001] [-1-2-3]