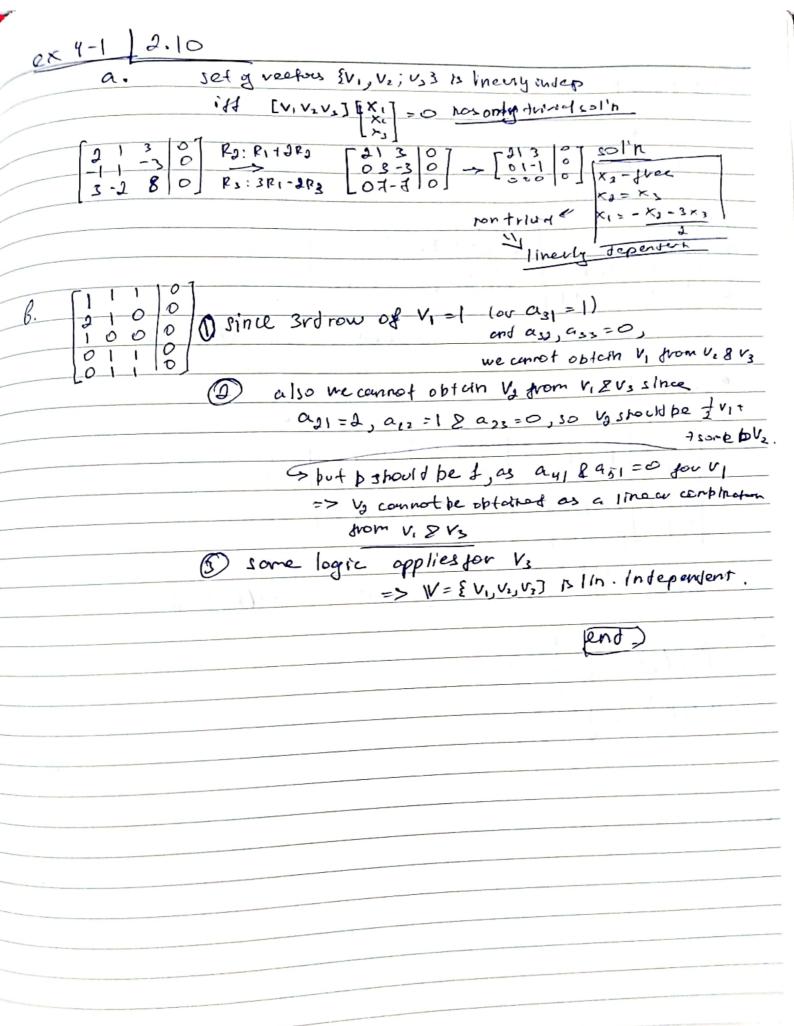


```
A'set. AA = E Off Jet (A) +0
               P Here is
ex 3-2/2.8
       234
                     4.4.4-5.5.2-6.3.3 = 48+60+60-
                                         -64-50-54
       в.
           1.00 + 1.1.1 + 1.1-0 -
         det[A] to >> A'exist.
  since
   1010 11000 TR=P1-Ps
                           0110 0100
                      Ry:=Rs-2Py
                                     0000
            1000
            230-2
      0110
                     RI = RI-JRs
          Dore V
                      (checked on Potton
```



ex 5-1 /2/14 a. Dim (A1) = # g vector in the B g A1 KAZ pivols Ls to ech. form 101 000 dim (A1) = 2 Since we have piross in 2 colores => pro 63 · dim (As) 4 4 beekjam Py=P1-Pu ne have pivots in Judimis = tim/Az)=2 as pirots in whomas 182 C.

5.1 3.14 (C) det V be almoer combration of B(Ai) and B(Ai), also VE UINUS => VEU, EVEU, (s thes V= (B(A)(d)) for some di, do => also V= B(A)(fi) for some by By  $\Rightarrow V = \begin{bmatrix} 1-1 \\ 0 \end{bmatrix} \begin{bmatrix} -1 \\ 0 \end{bmatrix} \begin{bmatrix} -1 \\ 0 \end{bmatrix} = \begin{bmatrix} 3-3 \\ 1-5 \end{bmatrix} \begin{bmatrix} \beta_1 \\ \beta_2 \end{bmatrix} \Rightarrow$ |-BI R3 = R2+2R3 10-33 00-1-2-1-20 10-150 R2=P1-P2 13=2P1-P3 R4= P1- R4 10-33 02-25 0001 Ry= 7 P3- 2 P1 00001 soil'n B2 = 0 81 - 3B, +>B2 =0 Bi - free 2 pg + 5 pg = 0 By =0 DI = 381 B1=1=> 20 = PI V=B(A1).[3]= B(U, NU,) = {}}