ale ([127) x4-3x2 b) of 3 4) =3X2-4X

C) det / 1 3 127 =/X()x7-3x2)-1(7-3)+ 1(2-2) =8-4-4

 $\frac{1}{2} \frac{3}{3}$

- ()

E3.8) VO = det () $= det \begin{pmatrix} 1 & 2 & 3 \\ 2 & -2 & 4 \\ 2 & 5 \end{pmatrix}$ = |x(-10-8)|-2(10-8) +3(4+4) =-18-4+24=2.0° 3.9) is the set of vector linearly independent? [v = (1,2,3) V = (2, -2, 4) $\vec{W} = (2,2,5)$ Q Stenticlly, 文は+221+230=0 if there exists le,, >c2, >c3 suchthat x:]= Othon no det (1,4,3) 2,1,1 0,-2,-1

-1(-1+2)-4(-2) +3(-4)

= 1 + 8-12 2-3 yes. linearly indepart?