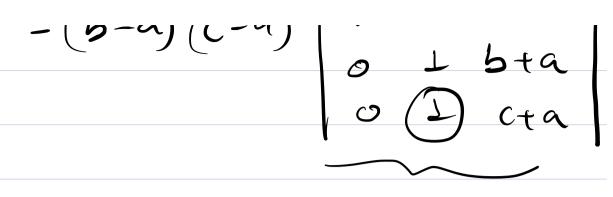
## Find the determinants of:

$$C = \begin{pmatrix} 1 \\ 2 \\ 3 \end{pmatrix} \begin{bmatrix} 1 - 4 & 5 \end{bmatrix}$$

$$D = \begin{cases} 0 & \pm 3 \\ -\pm 0 & 4 \\ -5 & -4 & 0 \end{cases}$$

- Plets do elimination.

$$|A| = \begin{vmatrix} 101 & 201 & 301 \\ 1 & 1 & 1 \\ 1 & 1 & 1 \end{vmatrix} = \underbrace{cgual}_{v-s}$$



can see that its almost upper mangules

De another elimenation

$$= (b-a)(c-a) + a a^{2}$$

$$0 + b + a$$

$$0 - b$$

(3)

 $\bigcap$  .  $\subseteq$ 

1 rank 1

$$C = \begin{bmatrix} 1 \\ 2 \\ 3 \end{bmatrix} \begin{bmatrix} 1-45 \end{bmatrix}$$
 natrix

10120

 $|D| = |D^T| = |-D| = \neq -|D|$ 

$$= (-1)^3 |D|$$

Is it pre trest all skew symmetré rapis have a det=0? Lo No, Thour case we had a (-1) [P] 9 een nusher IXID = ne hare 1D1=1D1 Com he any nuher & not! recessarly &