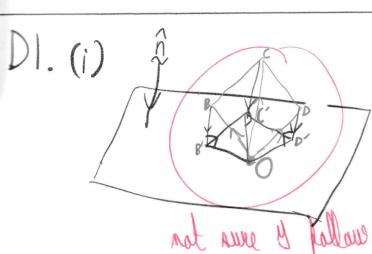
NEELU SARASWAT IBHATLA (SRNSZ)



Let O be on the plane.

Drawing this plane from

n= 1/2 (0,-1,1) OBCD are all in the ory place only E is out in

From the diagram,

$$OB = OB + BB'$$
, $OC' = OC + CC'$, $OD' = OD + DD'$

$$\overrightarrow{OB} = (2,0,0) \qquad \overrightarrow{OC} = (0,2,0)$$

$$\overrightarrow{BB}' = -(\overrightarrow{OB} \cdot \widehat{n}) \widehat{n}$$

$$= -(\cancel{52} \times \cancel{52}) (0) (0,-1)$$

$$= 0$$

$$\overrightarrow{OB}' = (2,0,0)$$

DD = - (0)) N =- 1/2 x /2 (0,-1) (0-2+0)

$$= (0,-1,1)$$

$$= (2,2,0)+(0,-1,1)=(2,1,1)$$