

Nom i cognoms: Francesca Hees Histrati

Assignatura: Cichics per Ordinator Avancats

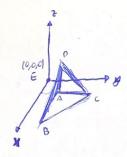
Centre/Estudi:

Professor/a:

Data: 18/11/22

1. tetrahedra diect

$$A = (4,4,4)
B = (4,4,4)
C = (4,4,1)
O = (4,4,1)
O = (4,4,4)$$



1) Lourch ray from E Educado point P(2,2,1) direction refrected ray?



$$\varrho = P - \varepsilon = (2,2,1)$$

$$n = (PB - PA) \times (PO - PA) = \left[(4,1,1) - (1,1,1) \right] \times \left[(1,1,4) - (1,1,1) \right] = \left[(9,0,0) \times (0,0,3) \right]$$

$$PB-PA \times (P_0-P_A) = [(4/1)] = (1/1)$$

r= cosdn+s