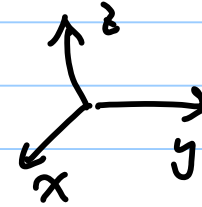
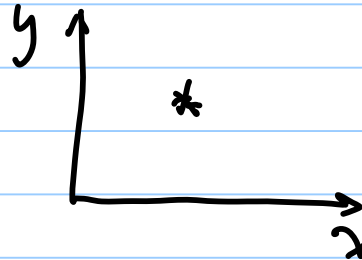
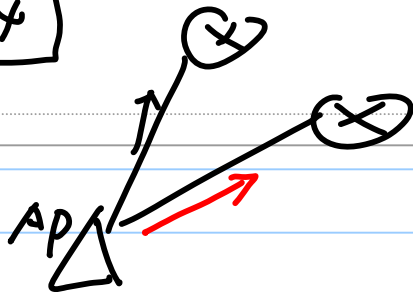


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Note Title

11/15/2012



$$\frac{(-1) + (-1) + (-1) \dots + (-1)}{8} = -1$$

$$Z_{i,m}^* = (-C_m^1 + C_m^2)$$

user 1 (1 1 1 -1 1 -1 -1 -1)

user 2 (1 -1 1 1 1 -1 1 1)

(X) 1 -1 +1 -1 +1 +1 -1 -1 = 0

$$d_i^2 = \frac{1}{M} \sum_{m=1}^M Z_{i,m}^* \cdot c_m^2$$