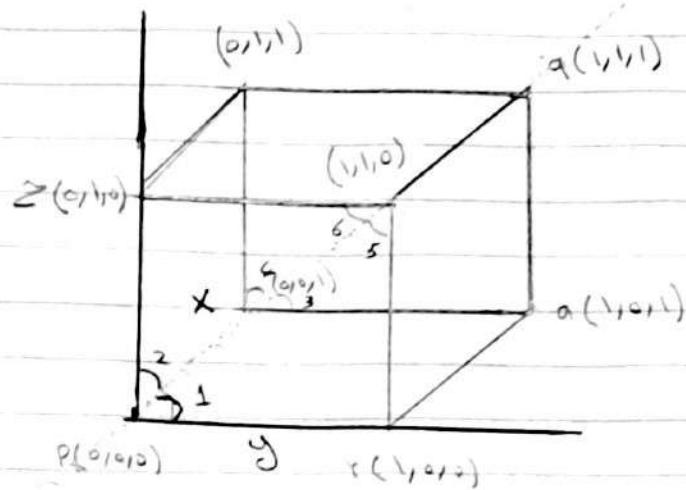


1.2.6



$$x = \vec{P}q = q - p = (1, 1, 0)$$

$$y = \vec{P}r = r - p = (1, 0, 0)$$

$$\text{Angle}_1(pq \text{ & } pr) = \frac{x \cdot y}{|x||y|} \cdot \cos \theta$$

$$= \frac{1}{\sqrt{3}} \cdot \frac{1}{\sqrt{2}} \cdot \cos \theta = \frac{1}{\sqrt{6}} \cdot \cos \theta = 0.577 \cdot \cos \theta$$

$$\text{First Angle } (x, y) = 54.73^\circ$$