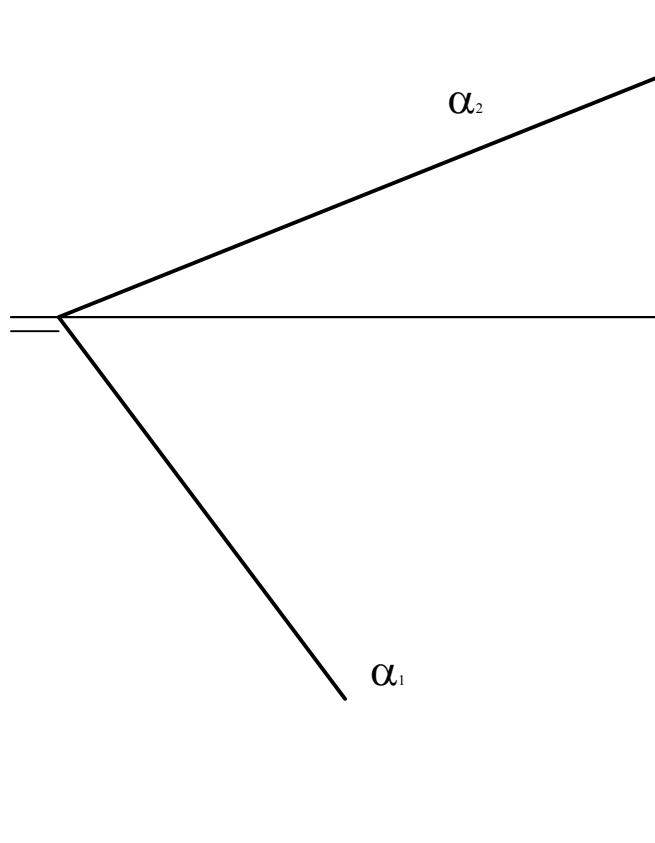


ÒÝÒÛÒÙÒÀ

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Calculate the angle between the planes  $\alpha: 4x+3y+10z=32$  and  $\beta: z=0$ .

Find the angle between the plane  $\alpha$  and the PH.

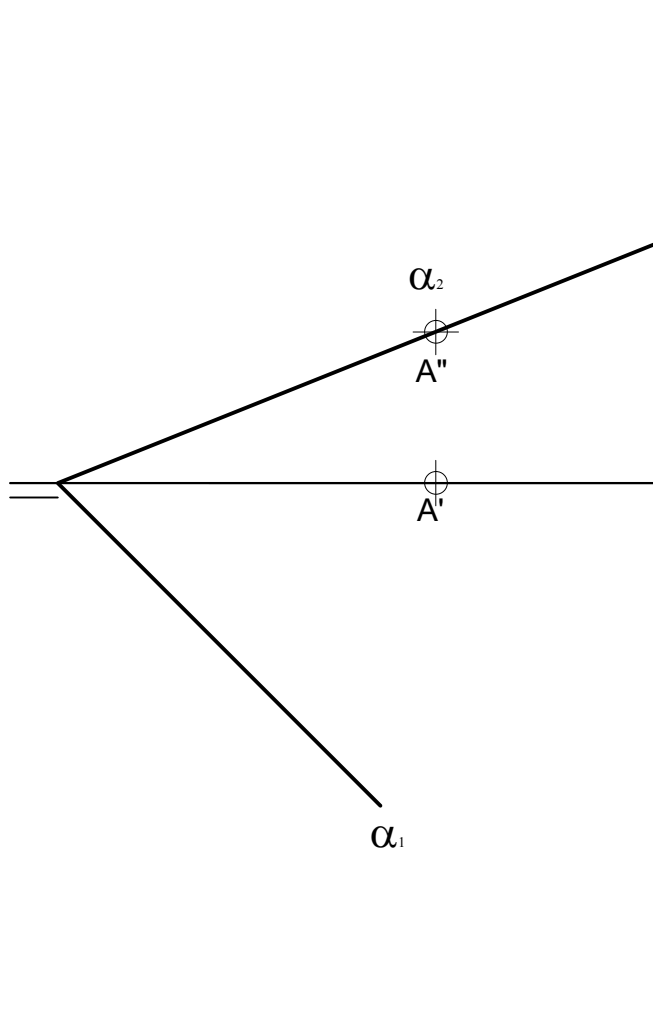


# Geometría

Calculate the lines of maximum slope and maximum inclination of the plane

$$\alpha: 2x + 2y + 5z = 16 \text{ in the point } A(3, 0, 2).$$

Draw from the point A the line of maximum slope and the line of maximum inclination of the plane  $\alpha$ .



# ÒÝÒÛÒÙÒÀ

$\frac{x}{3} = \frac{y-4}{-4} = \frac{z}{2}$

$(8, 0, 0)$   $(3, 0, 2)$   $(5, 4, 0)$

Define and draw the lines that intersect the line r, are included in the plane  $\alpha$ , and their angle with the PH is  $25^\circ$ .

