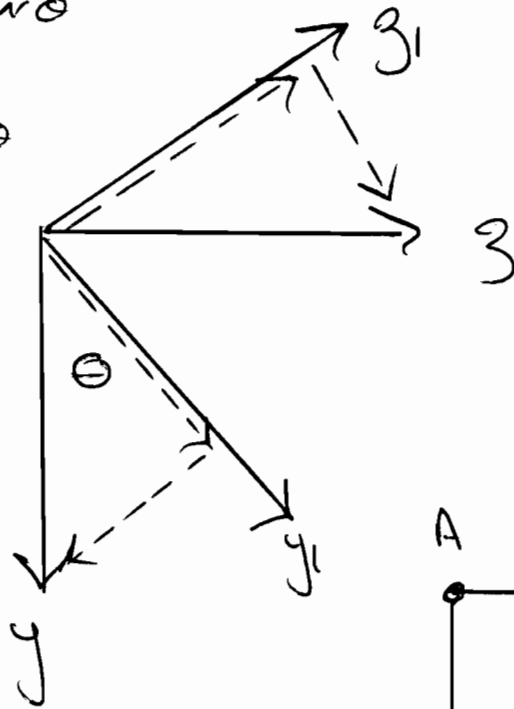


# Coordinate Rotation

$$y_1 = y \cos \theta + z \sin \theta$$

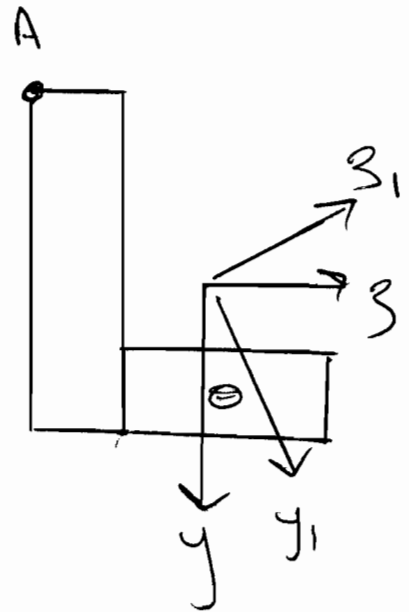
$$z_1 = -y \sin \theta + z \cos \theta$$



Notes pg. 6 angle section.

Pl. A

$$y = -4.01$$
$$z = -0.99$$
$$\theta = 23.74$$



$$y_1 = -4.07$$
$$z_1 = 0.71$$

(labeled "y" in notes, perhaps confusing).