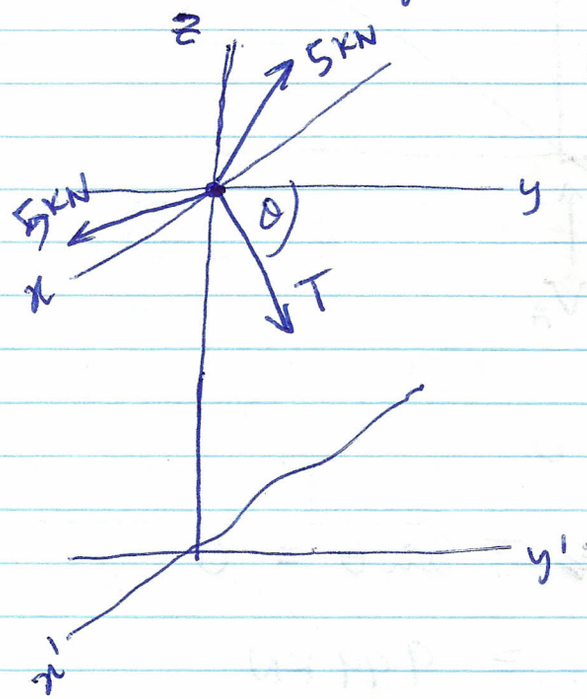
or

$$\Sigma M_B = 0$$

$$1.5 V_A + \ldots + \ldots = 0$$

Now at top of pole



where T is tensile force in cable.

for pole top

$$\Sigma F_y = 0$$

$$T\cos\theta - 5\cos 60 = 0$$

$$T\cos\theta - 5\sin 30 - 5\sin 30 = 0$$

$$T\cos\theta = 5$$

$$\theta = \tan^{-1}\left(\frac{3}{1.5}\right) = 63.43^\circ$$

$$T = 5/\cos\theta = 11.17\,KN$$