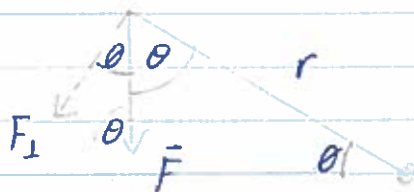


Ex 10-1
p 310



$$\theta = 18^\circ$$
$$\theta = 71^\circ$$

$$\vec{\tau} = \vec{r} \times \vec{F}$$

Magnitude: $\tau = r F \sin \theta = r F_{\perp}$

$$\tau = (0.80 \text{ m})(900 \text{ N})(\sin 71^\circ)$$

$$\tau = 680 \text{ Nm}$$

