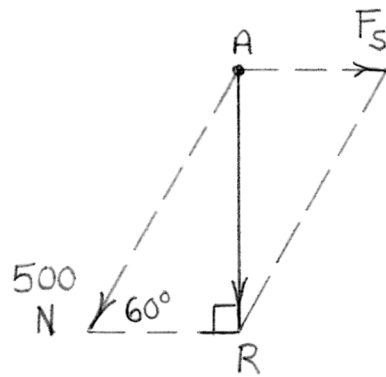


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$$\cos 60^\circ = \frac{F_s}{500}$$

$$F_s = 250 \text{ N}$$

$$\sin 60^\circ = \frac{R}{500}$$

$$R = 433 \text{ N}$$

WILEY