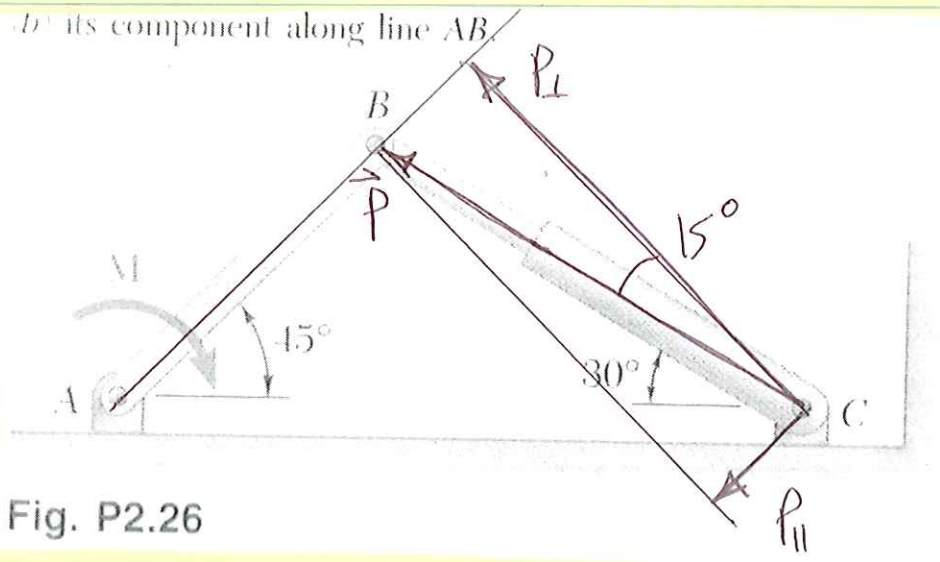


PROB. 2.26



$$P_{\perp} = 600^{\text{N}} = P \cos 15^{\circ}, \quad P = \frac{600}{\cos 15^{\circ}} = 621^{\text{N}}$$

$$P_{\parallel} = P \sin 15^{\circ} = 621 \cdot \sin 15^{\circ} = 160.8^{\text{N}}$$