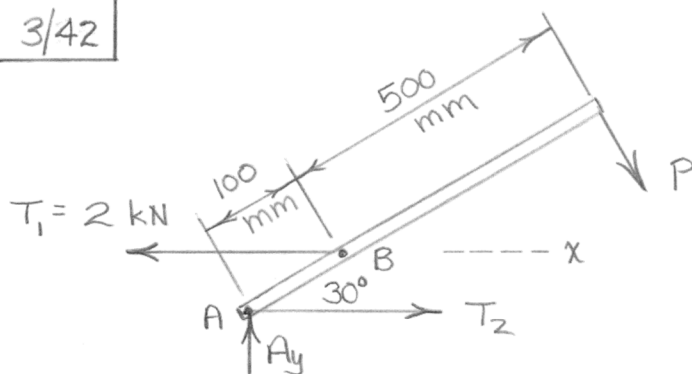


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$$+\circlearrowleft \sum M_A = 0: P(500 + 100) - 2(100 \sin 30^\circ) = 0$$

$$P = 0.1667 \text{ kN} \quad \text{or} \quad \underline{P = 166.7 \text{ N}}$$

$$\sum F_x = 0: 0.1667 \sin 30^\circ + T_2 - 2 = 0$$

$$\underline{T_2 = 1.917 \text{ kN}}$$

WILEY