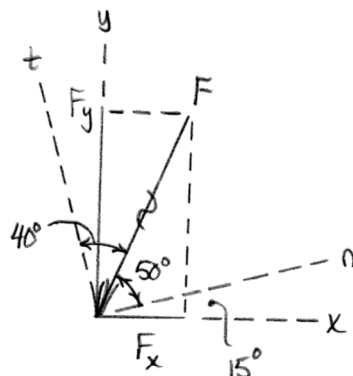
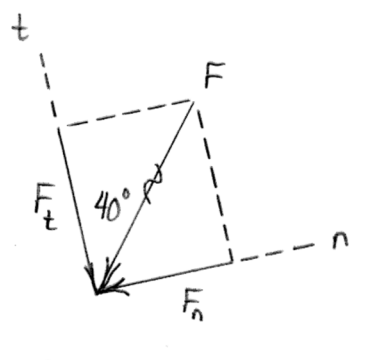


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$$F = 65 \text{ kN}$$



$$\begin{cases} F_x = -F \cos 65^\circ = -65 \cos 65^\circ \\ F_x = -27.5 \text{ kN} \\ F_y = -F \sin 65^\circ = -65 \sin 65^\circ \\ F_y = -58.9 \text{ kN} \end{cases}$$



$$\begin{cases} F_n = -F \sin 40^\circ = -65 \sin 40^\circ \\ F_n = -41.8 \text{ kN} \\ F_t = -F \cos 40^\circ = -65 \cos 40^\circ \\ F_t = -49.8 \text{ kN} \end{cases}$$

WILEY