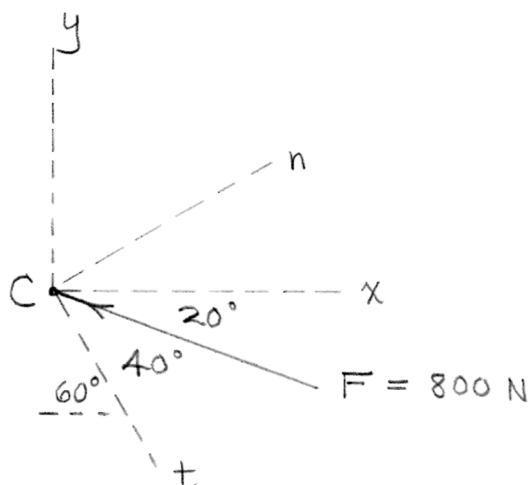


2/16



$$\begin{cases} F_x = -800 \cos 20^\circ = -752 \text{ N} \\ F_y = 800 \sin 20^\circ = \underline{274 \text{ N}} \\ F_n = -800 \sin 40^\circ = \underline{-514 \text{ N}} \\ F_t = -800 \cos 40^\circ = \underline{-613 \text{ N}} \end{cases}$$

WILEY