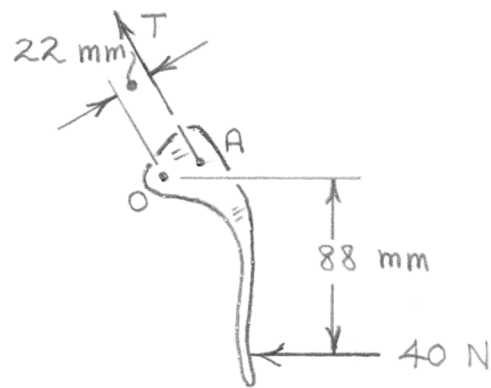


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FBD of brake lever:



$$\sum M_O = 0: T(22) - 40(88) = 0$$

$$\underline{T = 160 \text{ N}}$$

WILEY