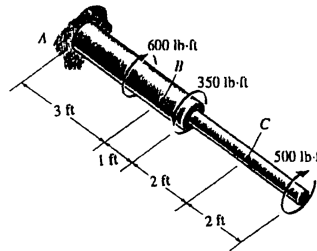


1-3 Determine the resultant internal torque acting on the cross sections through points *B* and *C*.

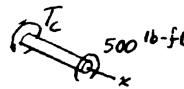
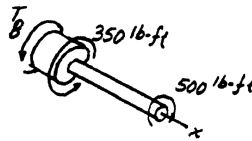


$$\Sigma M_x = 0; \quad T_B + 350 - 500 = 0$$

$$T_B = 150 \text{ lb} \cdot \text{ft} \quad \text{Ans}$$

$$\Sigma M_x = 0; \quad T_C - 500 = 0$$

$$T_C = 500 \text{ lb} \cdot \text{ft} \quad \text{Ans}$$



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