

Torsion

3.142 A $5.6 \text{ kN} \cdot \text{m}$ -torque is applied to a hollow shaft having the cross section shown. Neglecting the effect of stress concentrations, determine the shearing stress at points a and b .

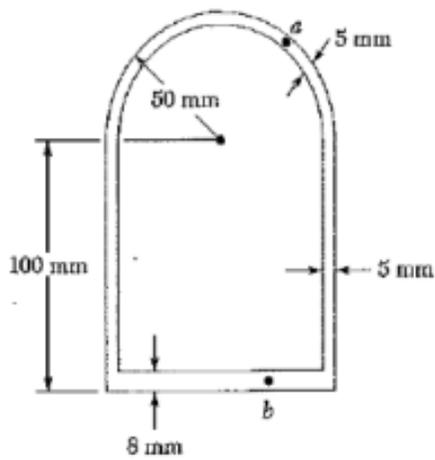


Fig. P3.142