

## **Table of contents provided by Syndetics**

- **1 Introduction-Concept of Stress**
- **2 Stress and Strain-Axial Loading**
- **3 Torsion**
- **4 Pure Bending**
- **5 Analysis and Design of Beams for Bending**
- **6 Shearing Stresses in Beams and Thin-Walled Members**
- **7 Transformation of Stress and Strain**
- **8 Principal Stresses under given loading conditions**
- **9 Deflection of Beams**
- **10 Columns**
- **11 Energy Methods**