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Theorems of Plastic Theory; 4.1. Lower and upper bounds on collapse loads; 4.2. The lower-bound ("safe") theorem; 4.3. Proof of the lower-bound theorem; 4.4. Loads other than point loads; 4.5. The upper-bound theorem; 4.6. Calculation of dissipation of energy; 4.7. Simpler form of the proofs
4.8. Corollaries of the bound theorems
4.9. Problems solved in terms of stress resultants; Chapter V. Rotating Discs; 5.1. The rotating hoop; 5.2. The flat disc with no central hole; 5.3. A physical interpretation; 5.4. Discs with central holes; 5.5. Mechanisms of collapse; 5.6. Discs with edge loading; 5.7. Analysis of mass; 5.8. Discs of variable thickness; 5.9. Reinforcement of central holes; Chapter VI. Torsion; 6.1. Torsion of thin-walled tubes of arbitrary cross-section; 6.2. Lower-bound analysis of thick-walled tubes and solid cross-sections; 6.3. The sand-hill analogy
6.4. Re-entrant corners
6.5. Other aspects of plastic torsion; 6.6. Combined torsion and tension; 6.7. Combined torsion, bending and tension; Chapter VII. Indentation Problems; 7.1. Upper-bound approach; 7.2. Lower-bound approach; 7.5. A simpler problem; 7.4. Experimental confirmation: the hardness test; 7.5. Indentation of finite blocks of plastic material; 7.6. The effects of friction; 7.7. Compression of a sheet between broad dies; Chapter VIII. Introduction to Slip-line Fields; 8.1. Equilibrium equations; 8.2. Geometry of nets; 8.3. Hyperbolic equations; 8.4. Extension of nets
8.5. The indentation problem

Sommario/riassunto

Engineering Plasticity deals with certain features of the theory of plasticity that can be applied to engineering design. Topics covered range from specification of an ideal plastic material to the behavior of structures made of idealized elastic-plastic material, theorems of plastic theory, and rotating discs, along with torsion, indentation problems, and slip-line fields. This book consists of 12 chapters and begins by providing an engineering background for the theory of plasticity, with emphasis on the use of metals in structural engineering; the nature of physical theories; and the conce
