



Strength of Materials (Hardback)

By K. K. Shukla, Anuj Jain, Ramesh Pandey

Alpha Science International Ltd, United Kingdom, 2014. Hardback. Condition: New. Language: English . Brand New Book. STRENGTH OF MATERIALS introduces the basic concepts and their application to solve practical problems. The book covers most of the topics included in the course of Strength of Materials offered by various Universities. The fundamentals and the assumptions made in the Strength of Materials approach are explained while the basic concepts of mechanics-equilibrium, compatibility and constitutive equations are introduced. It also deals with the 3-D Elasticity approach in addition to the conventional 2-D Strength of Materials approach. Additional topics on Shear Centre, Analysis of Curved Beams, Theories Failures, and Material behaviours - Fatigue, Fracture and Creep are also presented.

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