Record Nr. UNINA9910832965103321 Autore Cain Jack Titolo Structural Mechanics / / by Jack Cain, Ray Hulse Pubbl/distr/stampa London:,: Macmillan Education UK:,: Imprint: Red Globe Press,, 1990 **ISBN** 9781349105427 1349105422 Edizione [1st ed. 1990.] Descrizione fisica 1 online resource (XI, 436 p.) Foundations of Engineering Series Collana Disciplina 620.1 Soggetti Mechanics Mechanics, Applied Solid Mechanics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Statics Revision -- Simple Structures (Loads and Reactions) -- Framed Structures -- Shearing Forces and Bending Moments -- Stress Analysis (Direct Stresses) -- Bending Stresses -- Combined Bending and Direct Stresses -- Shear Stresses -- Torsional Stresses -- Combined Stresses -- Composites -- Beam Deflection and Rotation -- Strain Energy --Virtual Work. Sommario/riassunto One of a new series of first year undergraduate engineering texts, this book covers all of the structural mechanics required by most Civil and Mechanical Engineering courses at first year level. Its programmed structure makes it suitable for use as a self-paced learning text. For series details see Foundations of Engineering section. 'This is an excellent textbook which achieves its teaching objectives superbly well....It is so attractive in layout and helpful with its questions and commentaries that even a hardened lecturer in the subject might be tempted to work it through! Strongly recommended.' E. Lightfoot,

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