



# Engineering Mechanics

By G. Ramamurty

I.K. International Publishing House Pvt. Ltd., 2011. Paperback. Book Condition: New. Second Edition. 18cm x 24cm. New to this Edition: The addition of some more problems which will enhance the contents of the existing text. Solutions to typical problems from statics and dynamics will provide the reader sufficient capability for solving the problems of mechanics. This textbook, focuses on the basic concepts of Engineering Mechanics for providing the fundamental knowledge required for understanding advanced subjects based on mechanics. Salient Features: Importance of free-body diagrams for the analysis of problems has been explained, Three important methods for dynamic problems (i) Newton's second law of motion (ii) Work-Energy method and (iii) Impulse-Momentum method, More than 150 sample problems with solutions have been provided for explaining the applications of important principles, Fundamentals of mechanical vibrations have been explained with free-body diagrams, Multiple choice questions have been included.



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