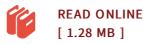# Dynamics for Engineers

By Bichara B. Muvdi

Springer. Hardcover. Book Condition: New. This item is printed on demand. Hardcover. 918 pages. This is the second volume of a comprehensive two-volume treatment of mechanics intended for students of civil and mechanical engineering. Used for several years in courses at Bradley university, the text presents dynamics in a clear and straightforward way and emphasizes problem solving. More than 350 examples clarify the discussion. The diskette included with the book contains EnSolve, a program written by the authors for solving problems in engineering mechanics. The program runs on Macintosh and PC-DOS computers and includes the following: - a unit converter for SI to US units and vice versa - a graphics program for plotting functions and data - a set of numerical subroutines The graphics module will, among other features, fit smooth splines between data, plot regression lines and curves, and change scales including from arithmetic to log and log-log. The numerical routines will, for example, find roots of polynomials, solve systems of equations, invert matrices, differentiate and integrate, and solve boundary-value problems. This item ships from La Vergne,TN. Hardcover.

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