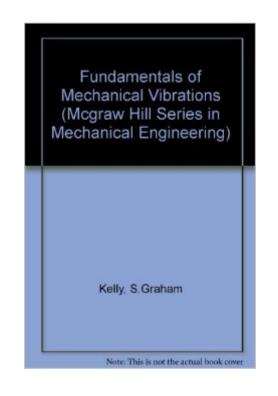
The book was found

Fundamentals Of Mechanical Vibrations: IBM PC 3.5 Version (Mcgraw Hill Series In Mechanical Engineering)





Synopsis

This book covers free and forced vibrations of one- and multi-degree-of-freedom-systems-devoting over one half to one-degree. The text also contains many unique topics, such as shock isolation for short and long duration pulses, chaos, and discrete modeling of continuous systems. Brief chapters on continuous systems and nonlinear systems are included for reference. The first two chapters allow students to sharpen their skills in modeling physical systems for engineering applications, especially applied to dynamic systems. The principles of dynamics are applied consistently to model physical systems. Emphasis is placed on applications, energy methods and the equivalent systems method. In addition, an entire chapter is devoted to vibration control. The text is accompanied by a software disk. The programs include simulation of vibrating systems, numerical methods used to solve vibrations problems, and a variety of other types of problems to solve.

Book Information

Series: Mcgraw Hill Series in Mechanical Engineering Hardcover: 643 pages Publisher: Mcgraw-Hill College; Har/Dsk edition (June 1993) Language: English ISBN-10: 0079116612 ISBN-13: 978-0079116611 Product Dimensions: 1.2 x 6.8 x 9.5 inches Shipping Weight: 2.4 pounds Average Customer Review: Be the first to review this item Best Sellers Rank: #2,191,122 in Books (See Top 100 in Books) #439 in Books > Science & Math > Physics > Waves & Wave Mechanics #57731 in Books > Textbooks > Science & Mathematics

Download to continue reading...

Fundamentals of Mechanical Vibrations: IBM PC 3.5 Version (Mcgraw Hill Series in Mechanical Engineering) Shigley's Mechanical Engineering Design (McGraw-Hill Series in Mechanical Engineering) Mechanical Engineering Design (McGraw-Hill Mechanical Engineering) Fundamentals of Engineering Thermodynamics/Book and Disk (Mcgraw Hill Series in Mechanical Engineering) The Mechanical Design Process (Mcgraw-Hill Series in Mechanical Engineering) McGraw-Hill's National Electrical Safety Code 2017 Handbook (Mcgraw Hill's National Electrical Safety Code Handbook) McGraw-Hill's 500 ACT English and Reading Questions to Know by Test Day (Mcgraw Hill's 500 Questions to Know By Test Day) McGraw-Hill Nurses Drug Handbook, Seventh Edition (McGraw-Hill's Nurses Drug Handbook) McGraw-Hill's Conversational American English: The Illustrated Guide to Everyday Expressions of American English (McGraw-Hill ESL References) McGraw-Hill's I.V. Drug Handbook (McGraw-Hill Handbooks) Graphics Gems IV (IBM Version) (Graphics Gems - IBM) (No. 4) Flow-Induced Vibrations: An Engineering Guide (Dover Civil and Mechanical Engineering) Design of Machinery with Student Resource DVD (McGraw-Hill Series in Mechanical Engineering) Experimental Methods for Engineers (McGraw-Hill Mechanical Engineering) An Introduction to the Finite Element Method (McGraw-Hill Mechanical Engineering) Nuclear Chemical Engineering (1957) (McGraw-Hill Series in Nuclear Engineering) Fundamentals of Radar Signal Processing, Second Edition (McGraw-Hill Professional Engineering) Building Construction Estimating (Mcgraw-Hill Series in Construction Engineering and Project Management) Hydrology for Engineers (McGraw-Hill Series in Water Resources & Environmental Engineering) Design With Operational Amplifiers And Analog Integrated Circuits (McGraw-Hill Series in Electrical and Computer Engineering)

<u>Dmca</u>