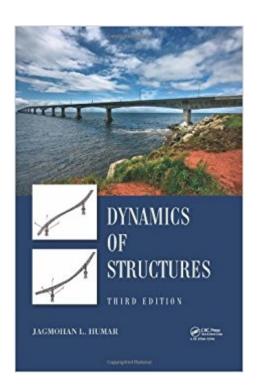
The book was found

Dynamics Of Structures, Third Edition





Synopsis

This major textbook provides comprehensive coverage of the analytical tools required to determine the dynamic response of structures. The topics covered include: formulation of the equations of motion for single- as well as multi-degree-of-freedom discrete systems using the principles of both vector mechanics and analytical mechanics; free vibration response; determination of frequencies and mode shapes; forced vibration response to harmonic and general forcing functions; dynamic analysis of continuous systems; and wave propagation analysis. The key assets of the book include comprehensive coverage of both the traditional and state-of-the-art numerical techniques of response analysis, such as the analysis by numerical integration of the equations of motion and analysis through frequency domain. The large number of illustrative examples and exercise problems are of great assistance in improving clarity and enhancing reader comprehension. The text aims to benefit students and engineers in the civil, mechanical, and aerospace sectors.

Book Information

Hardcover: 1058 pages

Publisher: CRC Press; 3 edition (February 1, 2012)

Language: English

ISBN-10: 075064799X

ISBN-13: 978-0750647991

ASIN: 0415620864

Product Dimensions: 2 x 7 x 10 inches

Shipping Weight: 4.1 pounds (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 stars Â See all reviews (4 customer reviews)

Best Sellers Rank: #814,753 in Books (See Top 100 in Books) #33 in Books > Engineering &

Transportation > Engineering > Civil & Environmental > Structural Dynamics #407 in Books >

Engineering & Transportation > Engineering > Civil & Environmental > Structural #711 in Books >

Textbooks > Engineering > Civil Engineering

Customer Reviews

Very useful

This book explains theoretical portion very well but it's hard to follow some of the examples on certain topics. The notation the author uses is confusing at times,

I give 4 stars to the content of the book. This book is very good and worth buying. I reduce 1 star because I am so disappointed about the delivery service! I spent a fortune on the new book because I really love this book. I expect a book in good condition. However, several notable scraches were made and the corners of the cover were damaged during the delivery! This is not acceptable!

Download to continue reading...

Third Eye: Awakening Your Third Eye Chakra: Beginner's Guide (Third Eye, Third Eye Chakra, Third Eye Awakening, Chakras) Third Eye: Third Eye Activation Secrets (Third Eye Awakening, Pineal Gland, Third Eye Chakra, Open Third Eye) Dynamics of Structures, Third Edition Dynamics of Structures (4th Edition) (Prentice-Hall International Series in Civil Engineering and Engineering Mechanics) Dynamics of Structures (5th Edition) (Prentice-Hall International Series I Civil Engineering and Engineering Mechanics) Dynamics of Structures: Theory and Applications to Earthquake Engineering (2nd Edition) Dynamics of Structures (3rd Edition) Dynamics of Structures (Prentice-Hall International Series in Civil Engineering and Engineering Mechanics) Dynamics of Structures: Theory and Applications to Earthquake Engineering Dynamics of Structures Stochastic Dynamics of Marine Structures Introduction to Dynamics and Control of Flexible Structures (Aiaa Education Series) Third Eye Awakening: The Ultimate Guide on How to Open Your Third Eye Chakra to Experience Higher Consciousness and a State of Enlightenment (Third Eye, Pineal Gland, Chakra, Kundalini) Starting Out with Java: From Control Structures through Data Structures (2nd Edition) (Gaddis Series) Java Software Structures: Designing and Using Data Structures (3rd Edition) Starting Out with Java: From Control Structures through Data Structures (3rd Edition) Java Software Structures: Designing and Using Data Structures Design and Analysis of Composite Structures: With Applications to Aerospace Structures Introduction to Structures (Architect's Guidebooks to Structures) Data Structures and Algorithm Analysis in Java, Third Edition (Dover Books on Computer Science)

Dmca