



Ebook Directory
the best source of ebook

The book was found

Structure-Borne Sound: Structural Vibrations And Sound Radiation At Audio Frequencies



Synopsis

Structure-Borne Sound" is a thorough introduction to structural vibrations with emphasis on audio frequencies and the associated radiation of sound. The book presents in-depth discussions of fundamental principles and basic problems, in order to enable the reader to understand and solve his own problems. It includes chapters dealing with measurement and generation of vibrations and sound, various types of structural wave motion, structural damping and its effects, impedances and vibration responses of the important types of structures, as well as with attenuation of vibrations, and sound radiation from structures. For the third edition, the author fundamentally revised and newly organized the contents of the work. Nevertheless, the intention has been to preserve the style of the previous editions, namely to focus on the fundamentals enabling the reader to analyse further problems.

Book Information

Hardcover: 608 pages

Publisher: Springer; 3rd edition (March 14, 2005)

Language: English

ISBN-10: 3540226966

ISBN-13: 978-3540226963

Product Dimensions: 9.2 x 1.3 x 6.1 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 stars 2 customer reviews

Best Sellers Rank: #846,322 in Books (See Top 100 in Books) #21 in [Books > Science & Math > Chemistry > Nuclear Chemistry](#) #232 in [Books > Computers & Technology > Graphics & Design > Computer Modelling > Remote Sensing & GIS](#) #272 in [Books > Crafts, Hobbies & Home > Home Improvement & Design > How-to & Home Improvements > Heating, Ventilation & Air Conditioning](#)

Customer Reviews

A&V WWWVL Review: If your activities involve analytical computations for structureborne sound, then this book will become a much loved companion. It will be dog-eared and filled with 3M Post-it tabs in no time. As with many of these specialized books, the price is dear, but just think of how long it would take you to derive all the theory on your own!

Text: English, German (translation) --This text refers to an out of print or unavailable edition of this

title.

This classic text book on Structure-Borne sound transmission is a must-have for anyone in the field of noise & vibration. The book is relatively easily to follow. It is full of very useful and practical information. It is highly recommended as a reference for graduate students and practicing engineers.

This very comprehensive book is well explained and detailed, from the basic sound propagation formulae to control room treatment. It is also useful in our acoustic consulting activities and technical support for solutions, as "rain on the roof noise" and "foot-fall noise" at residential and business buildings

[Download to continue reading...](#)

Structure-Borne Sound: Structural Vibrations and Sound Radiation at Audio Frequencies Random Vibrations: Analysis of Structural and Mechanical Systems Sound and Structural Vibration, Second Edition: Radiation, Transmission and Response Sound and Structural Vibration: Radiation, Transmission and Response Infrared and Raman Characteristic Group Frequencies: Tables and Charts, 3rd Edition The Handbook of Infrared and Raman Characteristic Frequencies of Organic Molecules Sound and Vibrations (Making Sense of Science) Atoms, Radiation, and Radiation Protection Atoms, Radiation, and Radiation Protection, 2nd Edition Treatment Planning in the Radiation Therapy of Cancer (Frontiers of Radiation Therapy and Oncology, Vol. 21) (v. 21) Radiation Nation: Fallout of Modern Technology - Your Complete Guide to EMF Protection & Safety: The Proven Health Risks of Electromagnetic Radiation (EMF) & What to Do Protect Yourself & Family The SOS Guide to Live Sound: Optimising Your Band's Live-Performance Audio (Sound On Sound Presents...) Environmental Engineering: Prevention and Response to Water-, Food-, Soil-, and Air-borne Disease and Illness Structural Dynamics of Earthquake Engineering: Theory and Application Using Mathematica and Matlab (Woodhead Publishing Series in Civil and Structural Engineering) Strengthening of Reinforced Concrete Structures: Using Externally-Bonded Frp Composites in Structural and Civil Engineering (Woodhead Publishing Series in Civil and Structural Engineering) Silver Staked (The Blood Borne Series Book 1) Wolf Bite (The Blood Borne Series Book 2) Arthropod Borne Diseases Tick-Borne Ecological Dynamics of Tick-Borne Zoonoses

Contact Us

DMCA

Privacy

FAQ & Help