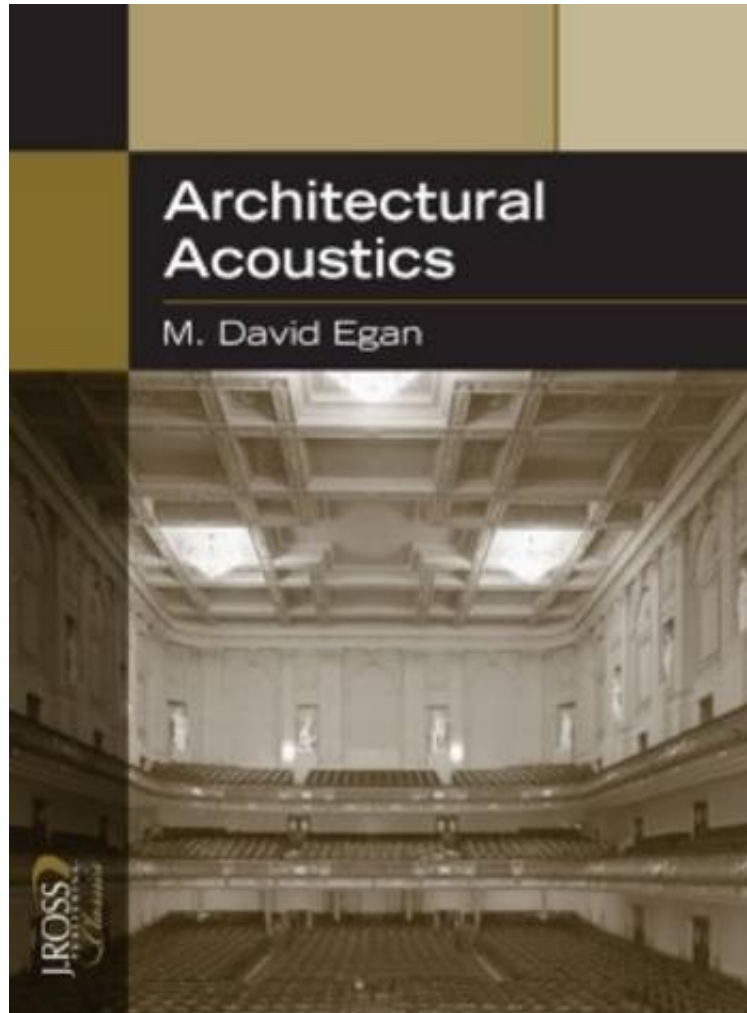


[Download free ebook] Architectural Acoustics (J Ross Publishing Classics)

## Architectural Acoustics (J Ross Publishing Classics)

*M. David Egan*

*ebooks | Download PDF | \*ePub | DOC | audiobook*



DOWNLOAD



READ ONLINE

#237034 in Books J. Ross Publishing 2007-01-30 2007-01-23Original language:EnglishPDF # 1 10.94 x .90 x 8.64l, 2.21 #File Name: 1932159789448 pages | File size: 53.Mb

**M. David Egan : Architectural Acoustics (J Ross Publishing Classics)** before purchasing it in order to gage whether or not it would be worth my time, and all praised Architectural Acoustics (J Ross Publishing Classics):

2 of 2 people found the following review helpful. Clear and ConciseBy Martin GreenwoodThis book tells you what you need to know. As an engineer designing difficult A/V installations (among other things) I found this book very helpful. There is a good balance between the theoretical and the practical. The various topics are treated in a self-contained manner, chapter by chapter (e.g. echo and reverberation within a performance room, machinery noise isolation and so on). If you have a specific requirement or problem to solve, having to do with Architectural Acoustics, this book will get you from A to B quickly and efficiently, and leave you with the feeling that (a) there is no mystery,

there are no black arts involved and (b) with application of the correct techniques and calculations, you can take on straightforward assignments with some confidence. I would regard this as an excellent reference guide for the practitioner of, well, Architectural Acoustics. If your aim is to go build a sound studio, then there are more specific how-to guides out there. Although the book explains the background (and some of the mathematics) of wave propagation theory quite well, and even though the topics are laid out with minimal reliance on mathematics, the book is still going to be more helpful to those who have a reasonable grasp of basic theory and a good grounding in physics and maths. 1 of 1 people found the following review helpful. Good basic book By careful consumer in CAI purchased this volume because I do writing about acoustics and sometimes want to see terminology and style used by others in the field. As advertised, the writing in this book is clear. One note - this seems to be a reprint of a book last edited more years ago than one would think from the metadata on . If you're looking for the latest technical info on the subject, you may wish to look elsewhere. 0 of 0 people found the following review helpful. Five Stars By Customer everything we needed.

Authored by David Egan, one of the foremost authorities in the field of architectural acoustics, this architecture classic presents in a highly illustrated format the principles of design for good hearing and freedom from noise in and around buildings. The more than 540 illustrations are not merely supplements to the text but serve as the core of the basic principles of sound and hearing, sound absorption and noise reduction, sound isolation and criteria for noise, control of HVAC systems noise and vibrations, auditorium acoustics design, and electronic sound systems. Architectural Acoustics is a must have for architects, interior designers, engineers, consultants, students and all others concerned with the design and construction of buildings. An unabridged J. Ross Publishing republication of the edition published by McGraw-Hill, New York, 1988, 448pp. Key Features - Offers more than 540 illustrations to visually explain basic acoustic engineering principles with complete clarity and tables of engineering data that further enhance understanding and the usefulness of the text - Contains many valuable checklists of design aids, data tables of sound absorption and sound isolation properties for a wide variety of building materials - Presents case study examples of common problems and step-by-step practical solutions - Provides handy access to useful formulas, a metric system conversion table, a summary of common building acoustics terms, and extensive references

It would take a library of a dozen titles to duplicate what is in this one book. Architectural Acoustics is for the intelligent, college-level beginner, with a desire to learn basic concepts, as well as practical computation and design methods. There is nothing else in print that covers as broad an area of acoustics, and covers it in as much depth. --Ted Uzzle, Sound Communications Architectural Acoustics is another important work on our shelf, and is a must for all libraries. --Glen Ballou, SVC About the Author M. David Egan, Hon. AIA, is a consultant in acoustics and Professor Emeritus at the College of Architecture, Clemson University. He has been principal consultant of Egan Acoustics in Anderson, South Carolina for more than 35 years. A graduate of Lafayette College (B.S.) and MIT (M.S.), Professor Egan also has taught at Tulane University, Georgia Institute of Technology, University of North Carolina at Charlotte, and Washington University. He is the author of Concepts in Architectural Acoustics, Concepts in Thermal Comfort, Concepts in Building Firesafety, and Concepts in Architectural Lighting (two editions). In addition to consulting, teaching, and writing, Professor Egan is a fellow of the Acoustical Society of America, member of the National Council of Acoustical Consultants, and an Association of Collegiate Schools of Architecture (ACSA) Distinguished Professor.