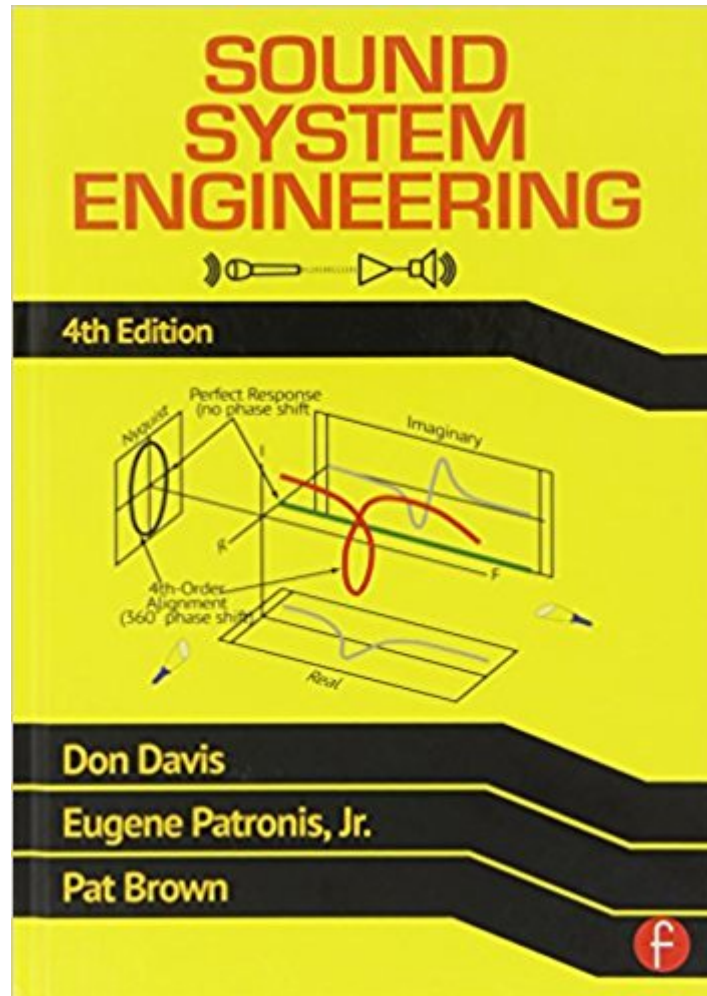




Ebook Directory
the best source of ebook

The book was found

Sound System Engineering



Synopsis

Long considered one of the key books on the well-informed audio engineer's shelf, *Sound System Engineering* provides an accurate, complete, and concise tool for all those involved in designing, implementing, and testing sound reinforcement systems. This new fourth edition includes eight new chapters leading the reader through both cutting-edge topics (e.g., IBM's proposed thought-controlled sound system) and solid basics, such as loudspeaker specifications, wave equations, and digital audio. Topics covered include:

- Psychoacoustics and how the brain processes sound
- Digital theory
- Mathematics for audio systems
- Using the decibel
- Interfacing electrical and acoustical systems
- Audio and acoustic measurements
- Large room and small room acoustics
- Designing for acoustic gain
- Designing for speech intelligibility
- Wave equations
- Microphones
- Loudspeakers, loudspeaker arrays, and loudspeaker directivity
- Power ratings for amplifiers and loudspeakers
- Computer-aided system design
- Signal delay, signal synchronization, and signal processing
- Sound system equalization

Packed with numerous illustrations and useful appendices, this is a concentrated capsule of industry standards and knowledge that spans the complete range of sound systems, from the simplest all-analog paging systems to the largest multi-purpose digital systems.

Book Information

Hardcover: 648 pages

Publisher: Focal Press; 4 edition (March 8, 2013)

Language: English

ISBN-10: 0240818466

ISBN-13: 978-0240818467

Product Dimensions: 7 x 1.4 x 10.1 inches

Shipping Weight: 2.8 pounds (View shipping rates and policies)

Average Customer Review: 4.6 out of 5 stars 5 customer reviews

Best Sellers Rank: #391,127 in Books (See Top 100 in Books) #58 in Books > Arts &

Photography > Music > Theory, Composition & Performance > MIDI, Mixers, etc. #152

in Books > Engineering & Transportation > Engineering > Civil & Environmental > Acoustics

#242 in Books > Arts & Photography > Music > Theory, Composition & Performance >

Composition

Customer Reviews

Long considered the only book an audio engineer needs on their shelf, *Sound System Engineering*

provides an accurate, complete and concise tool for all those involved in sound system engineering. Fully updated on the design, implementation and testing of sound reinforcement systems this great reference is a necessary addition to any audio engineering library. Packed with revised material, numerous illustrations and useful appendices, this is a concentrated capsule of knowledge and industry standard that runs the complete range of sound system design from the simplest all-analog paging systems to the largest multipurpose digital systems. Written by two leading authorities in the field of audio engineering, this highly respected guide covers the basic principals necessary for the understanding of today's systems as well as for those systems yet to come.

Don Davis and his wife, Carolyn, founded Synergetic Audio Concepts in 1972. Don and Carolyn are both Fellows of the Audio Engineering Society. Don is a senior member of the IEEE and a gold member of the Acoustical Society of America. Don and Carolyn received dual lifetime achievement awards from NSCA, the Adele De Berri Pioneers of Audio award from InfoComm International, and the USITT Harold Burris-Myer Distinguished Career in Sound Design Award. Both Don and Carolyn were recipients of Indiana's highest citizen award from the Governor when they were made Sagamore of the Wabash for their contributions to education. Eugene Patronis, Jr., taught in the School of Physics of the Georgia Institute of Technology for over fifty years. Throughout his tenure he participated in academic research and industrial consulting in the fields of experimental nuclear physics, acoustics, and electronics. He is the author of several patents in audio related topics. Pat Brown is the president of Synergetic Audio Concepts, Inc., and of Electro-acoustic Testing Company, Inc., both of Greenville, Indiana. He teaches audio engineering seminars worldwide, and develops web-based audio training programs. His background as a musician, sound contractor, and electronics technician and consultant has forged his practical approach to solving audio and acoustic problems.

This is a great reference book with practical information along with formulas & technical information. I made the mistake of buying the Kindle edition first, but it just reinforced that Kindle editions of technical books that have charts, formulas, and cross references that you need to refer back and forth to are not a good idea. I then bought the hardbound edition and I love it. If you're serious about using this book to learn from and keep as a reference, then buy the hardbound version, not the Kindle version.

Excellent! Period!

A very comprehensive book.

Excellent resource.

Seems to be very nice and different style to approach to matter. More concrete examples of practical things and calculations. Sometimes confusing with mislabeling of figures and stuff. Very good overall.

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

Sound Innovations for String Orchestra: Sound Development (Intermediate) for Violin: Warm up Exercises for Tone and Technique for Intermediate String Orchestra (Sound Innovations Series for Strings) ABC & 123 Learning Songs: Interactive Children's Sound Book (11 Button Sound) (11 Button Sound Book) Making Waves: Sound : Sound (Everyday Science): Sound (Everyday Science) The SOS Guide to Live Sound: Optimising Your Band's Live-Performance Audio (Sound On Sound Presents...) Sound Systems: Design and Optimization: Modern Techniques and Tools for Sound System Design and Alignment Sound System Engineering System Engineering Analysis, Design, and Development: Concepts, Principles, and Practices (Wiley Series in Systems Engineering and Management) Gravity Sanitary Sewer Design and Construction (ASCE Manuals and Reports on Engineering Practice No. 60) (Asce Manuals and Reports on Engineering ... Manual and Reports on Engineering Practice) Earthquake Engineering: From Engineering Seismology to Performance-Based Engineering G.Dieter's Li.Schmidt's Engineering 4th (Fourth) edition(Engineering Design (Engineering Series) [Hardcover])(2008) Introduction to Coastal Engineering and Management (Advanced Series on Ocean Engineering) (Advanced Series on Ocean Engineering (Paperback)) Tissue Engineering II: Basics of Tissue Engineering and Tissue Applications (Advances in Biochemical Engineering/Biotechnology) Tissue Engineering I: Scaffold Systems for Tissue Engineering (Advances in Biochemical Engineering/Biotechnology) (v. 1) Engineering Fundamentals: An Introduction to Engineering (Activate Learning with these NEW titles from Engineering!) Biomedical Engineering Principles Of The Bionic Man (Series on Bioengineering & Biomedical Engineering) (Bioengineering & Biomedical Engineering (Paperback)) The Healing Power of Sound: Recovery from Life-Threatening Illness Using Sound, Voice, and Music Sound Innovations for Concert Band -- Ensemble Development for Intermediate Concert Band: B-flat Trumpet 1 (Sound Innovations Series for Band) Sound Innovations for Concert Band -- Ensemble Development for Intermediate Concert Band: Trombone 1 (Sound Innovations Series for Band)

Sound Innovations for Concert Band -- Ensemble Development for Intermediate Concert Band:
B-flat Trumpet 2 (Sound Innovations Series for Band) Sound Innovations for String Orchestra --
Sound Development: Violin

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)