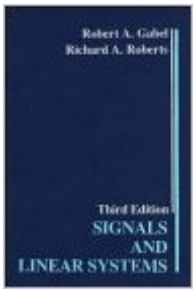
Ebook Directory
the best source of ebook

The book was found

Signals And Linear Systems



PDF
Adobe
DOWNLOAD EBOOK

Synopsis

Unifies the various approaches used to characterize the interaction of signals with systems. Stresses their commonality, and contrasts difference/differential equation models, convolution, and state variable formulations in presenting continuous- and discrete-time systems. Transform methods are also discussed as they relate to corresponding time-domain techniques. This edition expands discussion of applications of the theoretical material in physical problems, enhancing students' ability to relate this material to design activities. Material on deconvolution has also been added to the time-domain and transform-domain treatments of discrete-time systems. Contains many examples and equations.

Book Information

Hardcover: 496 pages
Publisher: Wiley; 3 edition (October 1986)
Language: English
ISBN-10: 0471825131
ISBN-13: 978-0471825135
Product Dimensions: 6.7 x 1.2 x 9.4 inches
Shipping Weight: 1.6 pounds (View shipping rates and policies)
Average Customer Review: 4.3 out of 5 stars 3 customer reviews
Best Sellers Rank: #379,555 in Books (See Top 100 in Books) #44 inÃ Â Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Power Systems #85 inÃ Â Books > Science & Math > Physics > Waves & Wave Mechanics #1075 inÃ Â Books > Engineering & Transportation > Engineering > Telecommunications & Sensors

Customer Reviews

Great product

This book, the staple of many electrical engineering undergraduates, does well in it's job of teaching you what you seek to learn- in this case, Signals and Systems. Most students in my college refer to this book as 'baap' or the Godfather! It is but natural that a book on so technical a subject must be, well, technical. However, the authors have done an excellent job in taking a relative newcomer to this subject and by the end of the book, providing enough knowledge to make one feel like they've learnt something. Although I must say that one has to know something of the subject to start here, because, unfortunately, there are a few jumps to difficult topics at a few places along the line.

However, the theory given here is the tops. If one can gather all that is said here, then I'm pretty sure, you're on your way to do well in this subject. So, for those who wish to put in some effort, and learn the subject of Signals and Systems in, most probably, the deepest and most serious fashion, this book is for you. There are a few other books which you could refer to when you use this. Two I would mention are Oppenhiem, and Zoher Karu's: Signals and Systems Made Ridiculously Simple(yes, that's the name!). These books will help to fill up any gaps, and clear any doubts you might have.

With a dozen popular books round the corner, why choose this one? Well, the book itself does the talking! The approach of the authors is quite different from other authors, in the sense that this book follows are more unified approach to the subject.The section of Z-transforms and difference equations is treated especially well.Can be used as reference and/or textbook.

Download to continue reading...

Signals and Systems: Analysis of Signals Through Linear Systems Signals and Systems using MATLAB, Second Edition (Signals and Systems Using MATLAB w/ Online Testing) Linear Systems and Signals, 2nd Edition Signals and Linear Systems Signals and Systems: Continuous and Discrete (4th Edition) Linear Algebra and Its Applications plus New MyMathLab with Pearson eText -- Access Card Package (5th Edition) (Featured Titles for Linear Algebra (Introductory)) Linear Algebra With Applications (Jones and Bartlett Publishers Series in Mathematics. Linear) Medical Imaging Signals and Systems SchaumÃ¢â ¬â„¢s Outline of Signals and Systems, 3rd Edition (Schaum's Outlines) Signals and Systems for Bioengineers, Second Edition: A MATLAB-Based Introduction (Biomedical Engineering) Signals and Systems (2nd Edition) Signals, Systems, and Transforms Analog Signals and Systems Signals and Systems (Prentice-Hall signal processing series) Signals and Systems Signals and Systems: Analysis Using Transform Methods & MATLAB Concepts in Systems and Signals Linear Algebra with Applications (9th Edition) (Featured Titles for Linear Algebra (Introductory)) Signals, Systems, & Transforms (5th Edition) Fundamentals Of Information Systems Security (Information Systems Security & Assurance) - Standalone book (Jones & Bartlett Learning Information Systems Security & Assurance)

Contact Us

DMCA

Privacy