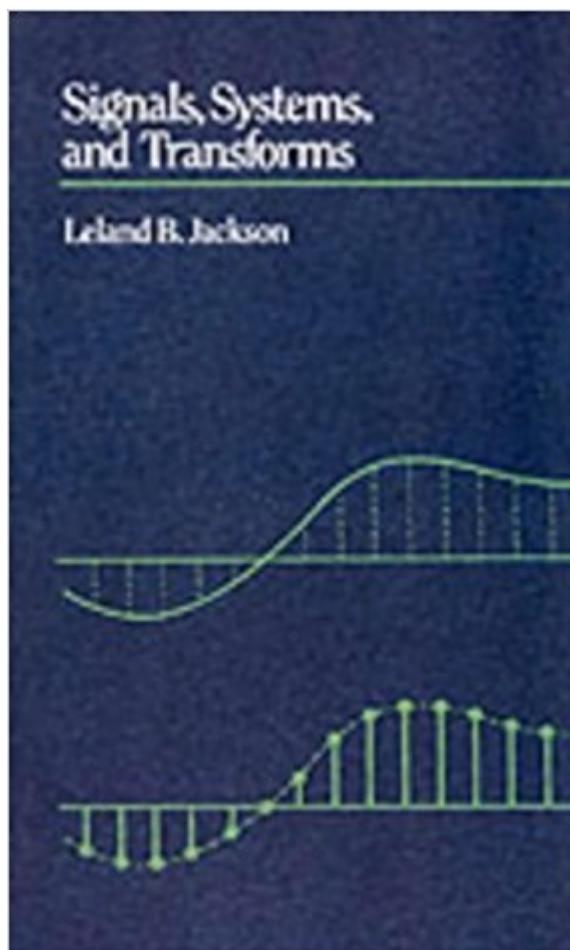


The book was found

Signals, Systems, And Transforms



Synopsis

This textbook provides a modern treatment of signals and systems. It presents the basic concepts and analytical tools in an exceptionally well-written and organized format. Its unique feature is the clearly marked modular structure, which gives the instructor superior flexibility when choosing sequential or integrated coverage.

Book Information

Paperback: 496 pages

Publisher: Addison-Wesley Publishing Company; 1 edition (July 11, 1991)

Language: English

ISBN-10: 0201095890

ISBN-13: 978-0201095890

Product Dimensions: 6 x 1.2 x 9 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 2.9 out of 5 stars 6 customer reviews

Best Sellers Rank: #74,717 in Books (See Top 100 in Books) #10 in Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Signal Processing #65 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits #118 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics

Customer Reviews

This textbook provides a modern treatment of signals and systems with Fourier, Laplace and z transforms. Intended for an introductory course in the theory of signals and linear systems, it presents the basic concepts and analytical tools in an exceptionally well-written and organized format. Its unique feature is the clearly marked modular structure, which gives the instructor superior flexibility when choosing between sequential coverage and integrated coverage. Chapter outlines highlight specific real-world applications. Supplements Solutions Manual: Available only through your Addison-Wesley Sales Specialist. Matlab M-Files: Available through the Math Works ftp site.

Jackson's clear and concise text is the best example I know of of what an EE textbook can be, given the varied (and poor) backgrounds of junior EE students in the 2000's. He manages to get right to the main points, by introducing the pertinent theoretical and physical concepts with a minimum of distracting (and irrelevant) algebraic details. There is a perfect balance of 'theory' and 'examples' to enable any serious and literate EE undergraduate to master the basic concepts and

ideas of Fourier transforms, Fourier series, Laplace transforms, and related continuous-time systems. Jackson's treatment of the DFT and its variants, as well as its relationship to the continuous-time transforms, is superior to all of the competing EE texts, and there are MANY!, that I have seen over the past 15 years. The book is a good size to actually USE, in stark contrast to the voluminous, inflated cartoon picture books/encyclopedias that try to pass as student 'textbooks'.

This book was very hard to understand. It had sections that were poorly organized with a total disregard for extensive examples. Examples that were shown were not only short, but were unrepresentative of problems that were shown in the Problem section at the end of each chapter. I also found it extremely frustrating that the author insisted on including problems in the problem section that required him to basically add full explanations and include indepth lessons for each. The author of this book clearly overestimates the knowledge held by most beginner Signal students.

At under 500 pages, this is a concise book on Transforms and Signal Processing. It makes an excellent reference for those beginning DSP or Telecommunications courses. I particularly find the tables within the book helpful when remembering transform rules. Make no mistake, this is a hard subject, but having studied under Leland Jackson, and having moved on to graduate courses in probability and DSP, I've found this text exceedingly useful.

Homework problems are very difficult with only the reading in the book

This book was given a poor rating by me because it has very few, and very poor examples. It is not a good book to learn from

Condition was described as being good. However, the cover is very bent up and folded and quite a few pages are trying to fall out. The book itself is exactly what I wanted though so no complaints there. I just think it shouldn't have been labeled good.

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

Signals and Systems using MATLAB, Second Edition (Signals and Systems Using MATLAB w/ Online Testing) Signals and Systems: Analysis of Signals Through Linear Systems Signals, Systems, and Transforms Signals, Systems, & Transforms (5th Edition) Signals and Systems: Continuous and Discrete (4th Edition) Medical Imaging Signals and Systems Schaumâ™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) Linear Systems and Signals, 2nd Edition Signals and Linear Systems 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 Distributions in the Physical and Engineering Sciences: Distributional and Fractal Calculus, Integral Transforms and Wavelets (Applied and Numerical Harmonic Analysis) Fundamentals Of Information Systems Security (Information Systems Security & Assurance) - Standalone book (Jones & Bartlett Learning Information Systems Security & Assurance) Daring Greatly: How the Courage to Be Vulnerable Transforms the Way We Live, Love, Parent, and Lead The Sonic Boom: How Sound Transforms the Way We Think, Feel, and Buy

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)