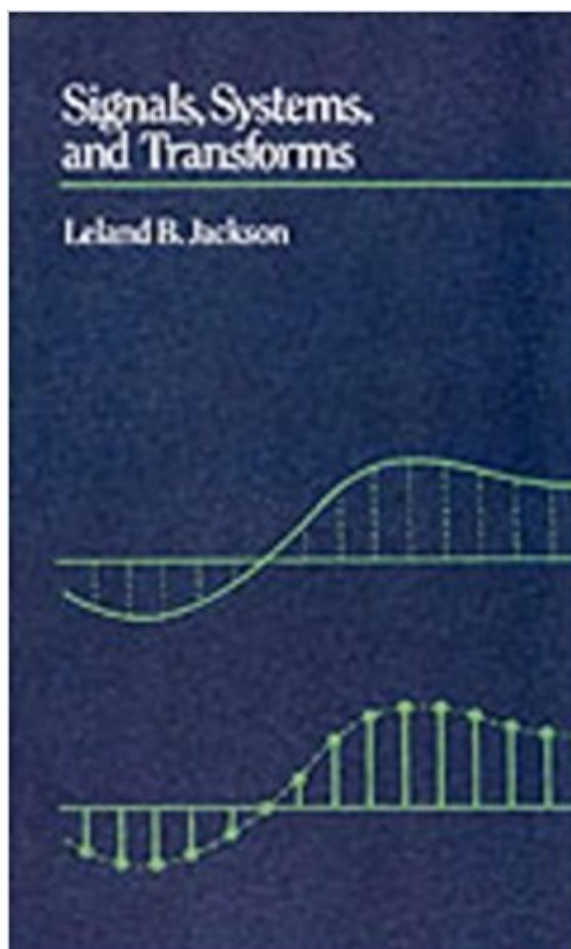# The book was found

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

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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.

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 SchaumÃ¢ ¬â„¢s

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