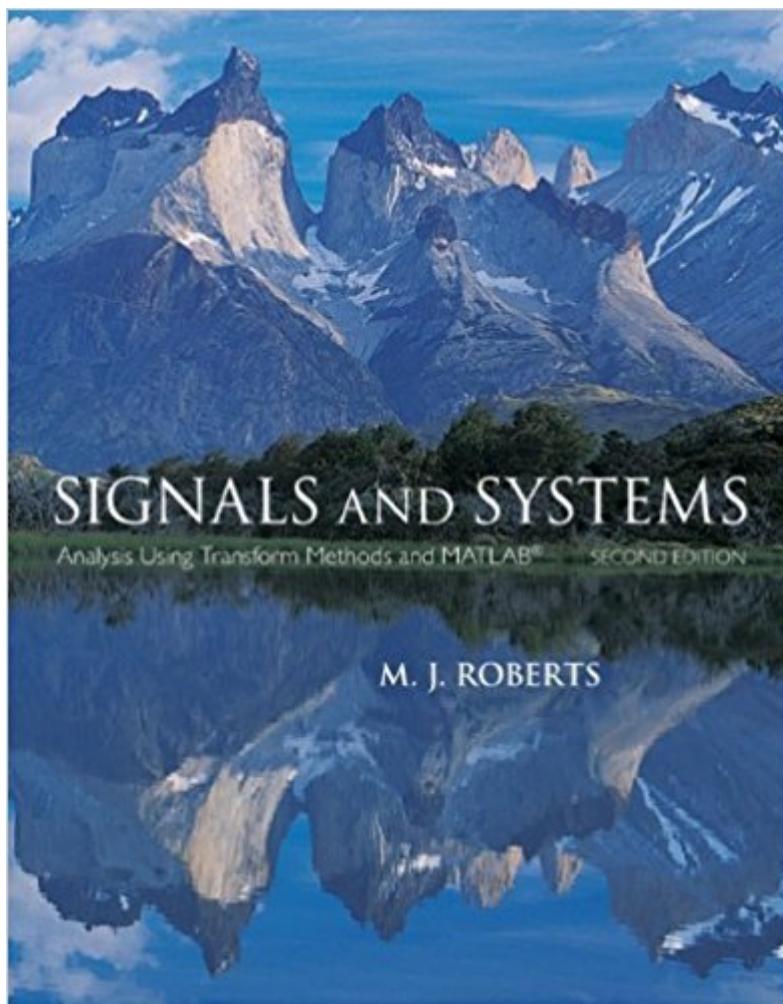**The book was found**

Signals And Systems: Analysis Using Transform Methods & MATLAB

Synopsis

The second edition of Signals and Systems: Analysis Using Transform Methods and MATLAB® has been extensively updated while retaining the emphasis on fundamental applications and theory that has been the hallmark of this popular text. The text includes a wealth of exercises, including drill exercises, and more challenging conceptual problems. The book is intended to cover a two-semester course sequence in the basics of signals and systems analysis during the junior or senior year.

Book Information

Hardcover: 816 pages

Publisher: McGraw-Hill Education; 2 edition (February 17, 2011)

Language: English

ISBN-10: 0073380687

ISBN-13: 978-0073380681

Product Dimensions: 8 x 1.4 x 10.2 inches

Shipping Weight: 3.4 pounds (View shipping rates and policies)

Average Customer Review: 3.6 out of 5 stars   14 customer reviews

Best Sellers Rank: #419,722 in Books (See Top 100 in Books)   #59 in Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Signal Processing   #74 in Books > Textbooks > Engineering > Electrical & Electronic Engineering   #235 in Books > Computers & Technology > Computer Science > Systems Analysis & Design

Customer Reviews

It is well written and rather student friendly but I will not say that it is an ideal choice. My major complaint is that the examples that the author works in the text which are scant understandable are nothing similar or very, very trivial compared to some of the homework problems (although some are quite trivial themselves). Several of the Chapter 9 z-transforms are basically just a very nasty excuse to swing the algebra hammer. I would suggest using Matlab or Mathematica before you give up in frustration.That being said this text could have been much, much worse. I did particularly like approach of presenting the Laplace Transform as a generalization of the Fourier Transform, and the Z-transform as a generalization of the DTFT, and also how sampling ties both domains together and creates the problem of aliasing in the frequency domain and unique signal reconstruction in time domain. Ideally I wonder if sampling might be presented in conjunction with the DFT however I recognize why the Roberts choose his layout as such. I also wish he had pointed out (in BOLD

WORDS) that the roots of the characteristic equation of a linear, nth order differential equation are the growth factors of the exponential terms in the fundamental solution and are exactly the location of the poles in the complex s-plane of the transfer function.There are of course several other pedagogical complaints with the textbook but I differ. I will say that it much better than most of the competition though (Haykin, Poularikas, Hsu, etc.). Haven't read the Oppenheim, Willsky and Nawab book although I am aware of it. Something about having a student buy a 957 page book seems wrong.I should point out that the binding on this particular edition is well done. Great job McGraw-Hill!

Great book/product.

Great!

- Paragraphs marked with red and blue pen on several pages- several sheets ripped- The book arrived in a "bag" with damaged corners- The book came in a plastic cartridge, no protection by bubble wrap or cardboard to protect the hardcover

Everything was perfect.

Great price, fast shipment, great condition, overall a great seller!Hope to do business again.

Not terrible, but it could be better.There are strength and weakness.The strength of book is practice problems with solutions.Although it provides only the final answers,they are very helpful, because many problems ask to draw plots, and the answer is right there.Now the weakness of book.First, chapters on discrete systems are often written much briefer than equivalent chapters for continuous systems,making it impossible to understand discrete systems before continuous systems.It would be much better if chapters on both continuous and discrete systems are self-contained,so that the reader can start with either one.Second, it can lead to misunderstanding on DTFS and DFT.It compares as a continuous-discrete pair. (which is wrong, it should be pair).The DTFS is covered very briefly. (2 pages)This kind of structure can cause misunderstandings.Now, here is my suggestion.1.Â Signals and Systems (2nd Edition)The standard. Excellent structure.but weak on some topics (LTI system properties, filters, etc).2.Â Continuous and Discrete Time Signals and Systems with CD-ROMExcellent structure. Very clear explanation. Lots of Figures (helpful in

convolution). Covers filter design.3. Â Linear Systems and Signals, 2nd EditionExcellent for self-study. Very clear explanation.but the chapter order may be different from class lecture (Laplace & z comes before Fourier)

This is a pretty good book for a first time introduction to the topic, but as a reference book it is one of the worst books I have ever seen. The reason for this is that the author gives very long and fairly well written descriptions of every topic, but there are very few summary sections for future reference. So, when the reader needs a quick refresher on a particular topic they won't be to find it; they'll be forced to re-read at least one page, even for small topics. One advantage of this type of long-winded writing is that it's quite readable and you'll probably find yourself reading about 1.5 - 2 times faster than you do for most other textbooks.The book provides a fairly good amount of both solved and unsolved problems. Unfotunately, many of them have ambiguous wording, and many solved problems have useless solutions. In fact, many "solved" problems have no answer at all! Also, solved problems that require a diagram as an answer provide the proper diagram, but it's not labelled. So, when there are many parts to a particular problem, there's no way of knowing which solution diagram is for which part of the problem. This problem is also true of most other diagrams in the book.I would not recommend this book to anyone. It worked fairly well for me, but I know there are much better books available. For example, I hear that Alan Oppenheim's book on this subject is pretty good.

Signals and Systems using MATLAB, Second Edition (Signals and Systems Using MATLAB w/ Online Testing) Signals and Systems: Analysis Using Transform Methods & MATLAB Signals and Systems: Analysis of Signals Through Linear Systems Signals and Systems for Bioengineers, Second Edition: A MATLAB-Based Introduction (Biomedical Engineering) Image Processing with MATLAB: Applications in Medicine and Biology (MATLAB Examples) Accelerating MATLAB Performance: 1001 tips to speed up MATLAB programs Fast Fourier Transform - Algorithms and Applications (Signals and Communication Technology) Advanced Electric Drives: Analysis, Control, and Modeling Using MATLAB / Simulink Tolerance Analysis of Electronic Circuits Using MATLAB How to Analyze People: Read People Instantly Using Psychological Techniques, Social Skills, and Body Language Signals How to Analyze People: Analyze People Instantly Using Psychological Techniques, Social Skills, and Body Language Signals 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 (2nd Edition) Linear Systems and

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