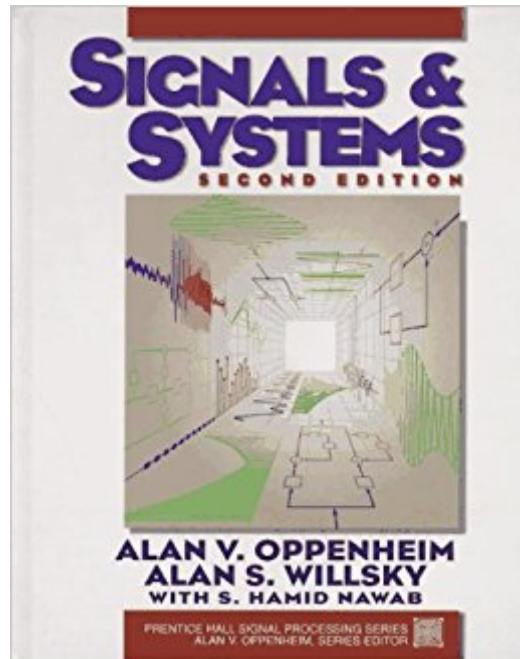




**Ebook Directory**  
the best source of ebook

The book was found

# Signals And Systems (2nd Edition)



## Synopsis

This authoritative book, highly regarded for its intellectual quality and contributions provides a solid foundation and life-long reference for anyone studying the most important methods of modern signal and system analysis. The major changes of the revision are reorganization of chapter material and the addition of a much wider range of difficulties.

## Book Information

Hardcover: 957 pages

Publisher: Pearson; 2 edition (August 16, 1996)

Language: English

ISBN-10: 0138147574

ISBN-13: 978-0138147570

Product Dimensions: 7.7 x 1.5 x 9.3 inches

Shipping Weight: 3.8 pounds (View shipping rates and policies)

Average Customer Review: 3.6 out of 5 stars 118 customer reviews

Best Sellers Rank: #6,403 in Books (See Top 100 in Books) #1 in Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Signal Processing #3 in Books > Computers & Technology > Computer Science > Systems Analysis & Design #5 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics

## Customer Reviews

The second edition of this well-known and highly regarded text can be used as the basis for a one- or two-semester undergraduate course in signals and linear systems theory and applications. Topics include basic signals and systems concepts, linear time-invariant (LTI) systems, Fourier representations of continuous-time and discrete-time signals, the CT and DT Fourier transforms, and time- and frequency-domain analysis methods. The author emphasizes applications of the theory through numerous examples in filtering, sampling, communications, and feedback. The parallel development of continuous-time and discrete-time frequency domain methods allows the reader to apply insights and intuition across the two domains. It also facilitates a deeper understanding of the material by bringing into focus the similarities and differences between the two domains. The text also includes introductory chapters on communication systems and control theory. This book assumes that you have a background in calculus as well as exposure to complex numbers and elementary differential equations. Because of its thoroughness and unhurried pace, this text is highly recommended for students and those interested in self-study.

This comprehensive exploration of signals and systems develops continuous-time and discrete-time concepts/methods in parallel -- highlighting the similarities and differences -- and features introductory treatments of the applications of these basic methods in such areas as filtering, communication, sampling, discrete-time processing of continuous-time signals, and feedback. Relatively self-contained, the text assumes no prior experience with system analysis, convolution, Fourier analysis, or Laplace and z-transforms.

just what I wanted

excellent

very good quality

Quality of book is good as new. Same covered as classroom book. Very great price.

This is probably the most excellent book on signals and systems I've come across. Also, the fact that there is an accompanying MIT open courseware course by Oppenheim that closely follows the textbook (readings are even assigned) makes this pretty much a no-brainer purchase. I'm knocking off one star for the poor writing of textbook examples. Most textbooks provide examples by defining the question or problem to be solved in its entirety, then allowing you to attempt it yourself before glancing at the solution. Oppenheim, however, elaborates the problem as he explains its solution, which doesn't allow you to get any practice from the examples themselves.

Absolute gem to go with the lectures online and even as a stand alone book. A very rigorous treatment of the subject. Principles derived from first principles.

Attractive look...arrived as advertized.

Just as its described

[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 and

Systems (2nd Edition) Linear Systems and Signals, 2nd Edition Signals and Systems: Continuous and Discrete (4th Edition) Schaum'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, Systems, & Transforms (5th Edition) Medical Imaging Signals and Systems Signals, Systems, and Transforms 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 Fundamentals Of Information Systems Security (Information Systems Security & Assurance) - Standalone book (Jones & Bartlett Learning Information Systems Security & Assurance) Global Positioning System: Signals, Measurements, and Performance (Revised Second Edition) Scuba Diving Hand Signals: Pocket Companion for Recreational Scuba Divers - Black & White Edition Fast Fourier Transform - Algorithms and Applications (Signals and Communication Technology)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)