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KEY=SYSTEMS - DOYLE CANTRELL

Signals & Systems Pearson Educación New edition of a text intended primarily for the undergraduate courses on the subject which are frequently found in electrical engineering curricula--but the concepts and techniques it covers are also of fundamental importance in other engineering disciplines. The book is structured to develop in parallel the methods of analysis for continuous-time and discrete-time signals and systems, thus allowing exploration of their similarities and differences. Discussion of applications is emphasized, and numerous worked examples are included. Annotation copyrighted by Book News, Inc., Portland, OR **Signals & Systems Signals, Systems and Inference, Global Edition** For upper-level undergraduate courses in deterministic and stochastic signals and system engineering An Integrative Approach to Signals, Systems and Inference Signals, Systems and Inference is a comprehensive text that builds on introductory courses in time- and frequency-domain analysis of signals and systems, and in probability. Directed primarily to upper-level undergraduates and beginning graduate students in engineering and applied science branches, this new textbook pioneers a novel course of study. Instead of the usual leap from broad introductory subjects to highly specialized advanced subjects, this engaging and inclusive text creates a study track for a transitional course. Properties and representations of deterministic signals and systems are reviewed and elaborated on, including group delay and the structure and behavior of state-space models. The text also introduces and interprets correlation functions and power spectral densities for describing and processing random signals. Application contexts include pulse amplitude modulation, observer-based feedback control, optimum linear filters for minimum mean-square-error estimation, and matched filtering for signal detection. Model-based approaches to inference are emphasized, in particular for state estimation, signal estimation, and signal detection. The text explores ideas, methods and tools common to numerous fields involving signals, systems and inference: signal processing, control, communication, time-series analysis, financial engineering, biomedicine, and many others. Signals, Systems and Inference is a long-awaited and flexible text that can be used for a rigorous course in a broad range of engineering and applied science curricula. **Signals and Systems** "More than half of the 600+ problems in the second edition of Signals & Systems are new, while the remainder are the same as in the first edition. This manual contains solutions to the new problems, as well as updated solutions for the problems from the first edition."--Pref. **Discrete-Time Signal Processing** Pearson Education India **Signals and Systems** John Wiley & Sons Incorporated Design and MATLAB concepts have been integrated in text. * Integrates applications as it relates signals to a remote sensing system, a controls system, radio astronomy, a biomedical system and seismology. **Signals and Systems Theory and Applications** "This is a signals and systems textbook with a difference: Engineering applications of signals and systems are integrated into the presentation as equal partners with concepts and mathematical models, instead of just presenting the concepts and models and leaving the student to wonder how it all relates to engineering."--Preface. **The Art of Writing Reasonable Organic Reaction Mechanisms** Springer Science & Business Media Intended for students of intermediate organic chemistry, this text shows how to write a reasonable mechanism for an organic chemical transformation. The discussion is organized by types of mechanisms and the conditions under which the reaction is executed, rather than by the overall reaction as is the case in most textbooks. Each chapter discusses common mechanistic pathways and suggests practical tips for drawing them. Worked problems are included in the discussion of each mechanism, and "common error alerts" are scattered throughout the text to warn readers about pitfalls and misconceptions that bedevil students. Each chapter is capped by a large problem set. **Signal Processing and Linear Systems** Oxford University Press, USA "This text presents a comprehensive treatment of signal processing and linear systems suitable for undergraduate students in electrical engineering. It is based on Lathi's widely used book, Linear Systems and Signals, with additional applications to communications, controls, and filtering as well as new chapters on analog and digital filters and digital signal processing. This volume's organization is different from the earlier book. Here, the Laplace transform follows Fourier, rather than the reverse; continuous-time and discrete-time systems are treated sequentially, rather than interwoven. Additionally, the text contains enough material in discrete-time systems to be used not only for a traditional course in signals and systems but also for an introductory course in digital signal processing. In Signal Processing and Linear Systems Lathi emphasizes the physical appreciation of concepts rather than the mere mathematical manipulation of symbols. Avoiding the tendency to treat engineering as a branch of applied mathematics, he uses mathematics not so much to prove an axiomatic theory as to enhance physical and intuitive understanding of concepts. Wherever possible, theoretical results are supported by carefully chosen examples and analogies, allowing students to intuitively discover meaning for themselves"-- **Signals Systems Pie and Computer Explorations in Signals** Prentice Hall This is a valuepack for undergraduate-level courses in Signals and Systems. Signals and Systems: International Edition, 2/E is a 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. This is packed with Computer Explorations in Signals and Systems Using MATLAB, 2/E which contains a comprehensive set of computer exercises of varying levels of difficulty covering the fundamentals of signals and systems. The exercises require the reader to compare answers they compute in MATLAB(r) with results and predictions made based on their understanding of the material. The book is compatible with any introductory course or text on signals and systems. **Signals & Systems Demystified** McGraw Hill Professional The fast and easy way to learn signals and systems Get a working knowledge of signal processing and systems--even if you don't have formal training, unlimited time, or a genius IQ. Signals and Systems Demystified offers an effective, illuminating, and entertaining way to learn this essential electrical engineering subject. First, you'll learn methods used to calculate energy and power in signals. Next, you'll study signals in the frequency domain using Fourier analysis. Other topics covered include amplitude, frequency, and phase modulation, spectral analysis, convolution, the Laplace transform, and the z-transform. Packed with hundreds of sample equations and explained solutions, and featuring end-of-chapter quizzes and a final exam, this book will teach you the fundamentals of signals and systems in no time at all. Simple enough for a beginner, but challenging enough for an advanced student, Signals and Systems Demystified is your shortcut to mastering this complex subject. This hands-on, self-teaching text offers: An easy way to understand signal processing and systems Hundreds of worked examples with solutions A quiz at the end of each chapter to reinforce learning and pinpoint weaknesses A final exam at the end of the book No unnecessary technical jargon A time-saving approach to performing better on an exam or at work! **SIGNALS AND SYSTEMS, 2ND ED** John Wiley & Sons Market_Desc: Electrical Engineers Special Features: · Design and MATLAB concepts have been integrated in the text· Integrates applications as it relates signals to a remote sensing system, a controls system, radio astronomy, a biomedical system and seismology About The Book: The text provides a balanced and integrated treatment of continuous-time and discrete-time forms of signals and systems intended to reflect their roles in engineering practice. This approach has the pedagogical advantage of helping the reader see the fundamental similarities and differences between discrete-time and continuous-time representations. It includes a discussion of filtering, modulation and feedback by building on the fundamentals of signals and systems covered in earlier chapters of the book. **Medical Imaging Signals and Systems** Prentice Hall Covers the most important imaging modalities in radiology: projection radiography, x-ray computed tomography, nuclear medicine, ultrasound imaging, and magnetic resonance imaging. Organized into parts to emphasize key overall conceptual divisions. **Continuous and Discrete Signals and Systems** This introductory text assists students in developing the ability to understand and analyze both continuous and discrete-time systems. The authors present the most widely used techniques of signal and system analysis in a highly readable and understandable fashion. *Covers the most widely used techniques of signal and system analysis. *Separate treatment of continuous-time and discrete-time signals and systems. *Extensive treatment of Fourier analysis. *A flexible structure making the text accessible to a variety of courses. *Makes extensive use of mathematics in an engineering context. *Uses an abundance of examples to illustrate ideas and apply the theoretical results. **Introduction to Probability Models** Elsevier Rosss classic bestseller has been used extensively by professionals and as the primary text for a first undergraduate course in applied probability. With the addition of several new sections relating to actuaries, this text is highly recommended by the Society of Actuaries. **Linear Systems and Signals** Oxford Series in Electrical an Linear Systems and Signals, Third Edition, has been refined and streamlined to deliver unparalleled coverage and clarity. It emphasizes a physical appreciation of concepts through heuristic reasoning and the use of metaphors, analogies, and creative explanations. The text uses mathematics not only to prove axiomatic theory but also to enhance physical and intuitive understanding. Hundreds of fully worked examples provide a hands-on, practical grounding of concepts and theory. Its thorough content, practical approach, and structural adaptability make Linear Systems and Signals, Third Edition, the ideal text for undergraduates. **Measurement and Instrumentation Theory and Application** Academic Press Measurement and Instrumentation: Theory and Application, Second Edition, introduces undergraduate engineering students to measurement principles and the range of sensors and instruments used for measuring physical variables. This updated edition provides new coverage of the latest developments in measurement technologies, including smart sensors, intelligent instruments, microsensors, digital recorders, displays, and interfaces, also featuring chapters on data acquisition and signal processing with LabVIEW from Dr. Reza Langari. Written clearly and comprehensively, this text provides students and recently graduated engineers with the knowledge and tools to design and build measurement systems for virtually any engineering application. Provides early coverage of measurement system design to facilitate a better framework for understanding the importance of studying measurement and instrumentation Covers the latest developments in measurement technologies, including smart sensors, intelligent instruments, microsensors, digital recorders, displays, and interfaces Includes significant material on data acquisition and signal processing with LabVIEW Extensive coverage of measurement uncertainty aids students' ability to determine the accuracy of instruments and measurement systems **Digital Signal Processing Using MATLAB** Nelson Books This supplement to any standard DSP text is one of the first books to successfully integrate the use of MATLAB® in the study of DSP concepts. In this book, MATLAB® is used as a computing tool to explore traditional DSP topics, and solve problems to gain insight. This greatly expands the range and complexity of problems that students can effectively study in the course. Since DSP applications are primarily algorithms implemented on a DSP processor or software, a fair amount of programming is required. Using interactive software such as MATLAB® makes it possible to place more emphasis on learning new and difficult concepts than on programming algorithms. Interesting practical examples are discussed and useful problems are explored. This updated second edition includes new homework problems and revises the scripts in the book, available functions, and m-files to MATLAB® V7. **Signals, Systems, and Transforms** Pearson Higher Ed This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. For sophomore/junior-level signals and systems courses in

Electrical and Computer Engineering departments. Signals, Systems, and Transforms, Fourth Edition is ideal for electrical and computer engineers. The text provides a clear, comprehensive presentation of both the theory and applications in signals, systems, and transforms. It presents the mathematical background of signals and systems, including the Fourier transform, the Fourier series, the Laplace transform, the discrete-time and the discrete Fourier transforms, and the z-transform. The text integrates MATLAB examples into the presentation of signal and system theory and applications. **Signals and Systems Made Ridiculously Simple** Zizi Press Signals and Systems Made Ridiculously Simple presents the core concepts and applications of signal processing and linear system theory in a clear and concise format. Each chapter provides carefully selected illustrations and examples to make learning or relearning the material as simple as possible. This book is designed to serve as both a study guide and reference book on this fundamental subject. -- Back cover. **Supplement: Introduction to Signal Processing & Computer Based Exercise Signal Processing Using MATLAB Version 5 Pkg. - Introducti** Addison Wesley Longman **Schaum's Outline of Signals and Systems** McGraw-Hill Confusing Textbooks? Missed Lectures? Tough Test Questions? Fortunately for you, there's Schaum's Outlines. More than 40 million students have trusted Schaum's to help them succeed in the classroom and on exams. Schaum's is the key to faster learning and higher grades in every subject. Each Outline presents all the essential course information in an easy-to-follow, topic-by-topic format. You also get hundreds of examples, solved problems, and practice exercises to test your skills. This Schaum's Outline gives you Practice problems with full explanations that reinforce knowledge Coverage of the most up-to-date developments in your course field In-depth review of practices and applications Fully compatible with your classroom text, Schaum's highlights all the important facts you need to know. Use Schaum's to shorten your study time-and get your best test scores! Schaum's Outlines-Problem Solved. **Digital Signal Processing Handbook on CD-ROM** CRC Press A best-seller in its print version, this comprehensive CD-ROM reference contains unique, fully searchable coverage of all major topics in digital signal processing (DSP), establishing an invaluable, time-saving resource for the engineering community. Its unique and broad scope includes contributions from all DSP specialties, including: telecommunications, computer engineering, acoustics, seismic data analysis, DSP software and hardware, image and video processing, remote sensing, multimedia applications, medical technology, radar and sonar applications **Continuous and Discrete Time Signals and Systems International Student Edition** This textbook presents an introduction to fundamental concepts of continuous-time and discrete-time signals and systems, in a self-contained manner. **Signal Processing First** Pearson College Division For introductory courses (freshman and sophomore courses) in Digital Signal Processing and Signals and Systems. Text may be used before the student has taken a course in circuits. DSP First and it's accompanying digital assets are the result of more than 20 years of work that originated from, and was guided by, the premise that signal processing is the best starting point for the study of electrical and computer engineering. The "DSP First" approach introduces the use of mathematics as the language for thinking about engineering problems, lays the groundwork for subsequent courses, and gives students hands-on experiences with MATLAB. The Second Edition features three new chapters on the Fourier Series, Discrete-Time Fourier Transform, and the The Discrete Fourier Transform as well as updated labs, visual demos, an update to the existing chapters, and hundreds of new homework problems and solutions. **Understanding Digital Signal Processing Unders Digita Signal Proces_3** Pearson Education Amazon.com's Top-Selling DSP Book for Seven Straight Years—Now Fully Updated! Understanding Digital Signal Processing, Third Edition, is quite simply the best resource for engineers and other technical professionals who want to master and apply today's latest DSP techniques. Richard G. Lyons has updated and expanded his best-selling second edition to reflect the newest technologies, building on the exceptionally readable coverage that made it the favorite of DSP professionals worldwide. He has also added hands-on problems to every chapter, giving students even more of the practical experience they need to succeed. Comprehensive in scope and clear in approach, this book achieves the perfect balance between theory and practice, keeps math at a tolerable level, and makes DSP exceptionally accessible to beginners without ever oversimplifying it. Readers can thoroughly grasp the basics and quickly move on to more sophisticated techniques. This edition adds extensive new coverage of FIR and IIR filter analysis techniques, digital differentiators, integrators, and matched filters. Lyons has significantly updated and expanded his discussions of multirate processing techniques, which are crucial to modern wireless and satellite communications. He also presents nearly twice as many DSP Tricks as in the second edition—including techniques even seasoned DSP professionals may have overlooked. Coverage includes New homework problems that deepen your understanding and help you apply what you've learned Practical, day-to-day DSP implementations and problem-solving throughout Useful new guidance on generalized digital networks, including discrete differentiators, integrators, and matched filters Clear descriptions of statistical measures of signals, variance reduction by averaging, and real-world signal-to-noise ratio (SNR) computation A significantly expanded chapter on sample rate conversion (multirate systems) and associated filtering techniques New guidance on implementing fast convolution, IIR filter scaling, and more Enhanced coverage of analyzing digital filter behavior and performance for diverse communications and biomedical applications Discrete sequences/systems, periodic sampling, DFT, FFT, finite/infinite impulse response filters, quadrature (I/Q) processing, discrete Hilbert transforms, binary number formats, and much more **Signals and Systems** Birkhäuser This textbook covers the fundamental theories of signals and systems analysis, while incorporating recent developments from integrated circuits technology into its examples. Starting with basic definitions in signal theory, the text explains the properties of continuous-time and discrete-time systems and their representation by differential equations and state space. From those tools, explanations for the processes of Fourier analysis, the Laplace transform, and the z-Transform provide new ways of experimenting with different kinds of time systems. The text also covers the separate classes of analog filters and their uses in signal processing applications. Intended for undergraduate electrical engineering students, chapter sections include exercise for review and practice for the systems concepts of each chapter. Along with exercises, the text includes MATLAB-based examples to allow readers to experiment with signals and systems code on their own. An online repository of the MATLAB code from this textbook can be found at github.com/springer-math/signals-and-systems. **Signals and Systems A MATLAB® Integrated Approach** CRC Press Drawing on the author's 25+ years of teaching experience, Signals and Systems: A MATLAB® Integrated Approach presents a novel and comprehensive approach to understanding signals and systems theory. Many texts use MATLAB® as a computational tool, but Alkin's text employs MATLAB both computationally and pedagogically to provide interactive, visual reinforcement of the fundamentals, including the characteristics of signals, operations used on signals, time and frequency domain analyses of systems, continuous-time and discrete-time signals and systems, and more. In addition to 350 traditional end-of-chapter problems and 287 solved examples, the book includes hands-on MATLAB modules consisting of: 101 solved MATLAB examples, working in tandem with the contents of the text itself 98 MATLAB homework problems (coordinated with the 350 traditional end-of-chapter problems) 93 GUI-based MATLAB demo programs that animate key figures and bring core concepts to life 23 MATLAB projects, more involved than the homework problems (used by instructors in building assignments) 11 sections of standalone MATLAB exercises that increase MATLAB proficiency and enforce good coding practices Each module or application is linked to a specific segment of the text to ensure seamless integration between learning and doing. A solutions manual, all relevant MATLAB code, figures, presentation slides, and other ancillary materials are available on an author-supported website or with qualifying course adoption. By involving students directly in the process of visualization, Signals and Systems: A MATLAB® Integrated Approach affords a more interactive—thus more effective—solution for a one- or two-semester course on signals and systems at the junior or senior level. **Mechanics of Materials** For the past forty years Beer and Johnston have been the uncontested leaders in the teaching of undergraduate engineering mechanics. Their careful presentation of content, unmatched levels of accuracy, and attention to detail have made their texts the standard for excellence. The revision of their classic Mechanics of Materials text features a new and updated design and art program; almost every homework problem is new or revised; and extensive content revisions and text reorganizations have been made. The multimedia supplement package includes an extensive strength of materials Interactive Tutorial (created by George Staab and Brooks Breedon of The Ohio State University) to provide students with additional help on key concepts, and a custom book website offers online resources for both instructors and students. **The Intellectual Devotional: Modern Culture Revive Your Mind, Complete Your Education, and Converse Confidently with the Culturati** Rodale Books In the tradition of the instant bestsellers The Intellectual Devotional and The Intellectual Devotional: American History comes the third installment in this indispensable series. In The Intellectual Devotional: Modern Culture, authors David S. Kidder and Noah D. Oppenheim explore the fascinating world of contemporary culture to offer 365 daily readings that provide the essential references needed to navigate the world today. Quench your intellectual thirst with an overview of the literature, music, film, personalities, trends, sports, and pop references that have defined the way we live. From the Slinky to Star Wars; Beatlemania to Babe Ruth; flappers to fascism—refreshing your memory and dazzling your friends has never been easier, or more fun. Whether you're a trivia genius, pop-culture buff, or avid reader, you'll be riveted by this comprehensive journey through contemporary culture. **Intermediate Accounting IFRS Edition** Wiley Global Education Intermediate Accounting: IFRS Edition provides the tools global accounting students need to understand IFRS and how it is applied in practice. The emphasis on fair value, the proper accounting for financial instruments, and the new developments related to leasing, revenue recognition, and financial statement presentation are examined in light of current practice. Global Accounting Insights highlight the important differences that remain between IFRS and U.S. GAAP, and discuss the ongoing joint convergence efforts to resolve them. Comprehensive, up-to-date, and accurate, Intermediate Accounting: IFRS Edition includes proven pedagogical tools, designed to help students learn more effectively and to answer the changing needs of this course. **Advanced Topics in Signal Processing** Prentice Hall **Modern Control Engineering** Text for a first course in control systems, revised (1st ed. was 1970) to include new subjects such as the pole placement approach to the design of control systems, design of observers, and computer simulation of control systems. For senior engineering students. Annotation copyright Book News, Inc. **Active Noise Cancellation (ANC) System Design Engineering** The authors' practical design is based on the concept of a continuously operating microphone (or group of microphones) sampling the environment and a speaker (or group of speakers) producing interfering waves that will cancel unwanted noise. (Technology & Industrial Arts) **Field and Wave Electromagnetics** Pearson Education India **Schaum's Outline of Signals and Systems 3ed.** McGraw Hill Professional Tough Test Questions? Missed Lectures? Not Enough Time? Fortunately, there's Schaum's. This all-in-one-package includes more than 550 fully solved problems, examples, and practice exercises to sharpen your problem-solving skills. Plus, you will have access to 20 detailed videos featuring instructors who explain the most commonly tested problems--it's just like having your own virtual tutor! You'll find everything you need to build confidence, skills, and knowledge for the highest score possible. More than 40 million students have trusted Schaum's to help them succeed in the classroom and on exams. Schaum's is the key to faster learning and higher grades in every subject. Each Outline presents all the essential course information in an easy-to-follow, topic-by-topic format. You also get hundreds of examples, solved problems, and practice exercises to test your skills. This Schaum's Outline gives you 571 fully solved problems Bonus material on matrix theory and complex numbers Support for all the major textbooks for signals and systems courses Fully compatible with your classroom text, Schaum's highlights all the important facts you need to know. Use Schaum's to shorten your study time--and get your best test scores! Schaum's Outlines--Problem Solved. **Signals and Systems** John Wiley & Sons Incorporated This book provides a comprehensive, modern approach to signals and systems, concentrating on those aspects that are most relevant for applications such as communication systems and signal processing. Emphasis is placed on building the reader's intuition and problem-solving ability, rather than formal theorems and proofs. "The coverage of the book is comprehensive, providing a broad overview, using a whole host of exercises. The wealth of the worked examples and problems complemented by solutions is particularly attractive. The level of mathematics is not too daunting for the good average student and the authors do their utmost to mitigate the difficulties, skilfully using worked examples." Prof. Lajos Hanzo, University of Southampton author of Mobile Radio Communications and Single- and Multi-carrier OAM Check out the companion Website for 'Systool' simulation software using Java applets to animate many of the key examples and exercises from the book. **Fundamentals of Signals and Systems** Charles River Media This book is a self-contained introduction to the theory of signals and systems, which lies at the basis of many areas of electrical and computer engineering. In the seventy short ?glectures.?h formatted to facilitate self-learning and to provide easy reference, the book covers such topics as linear time-invariant (LTI) systems, the Fourier transform, the Laplace Transform and its application to LTI differential systems, state-space systems, the z-transform, signal analysis using MATLAB, and the application of transform techniques to communication systems. A wide array of technologies, including feedback control, analog and discrete-time fi lters, modulation, and sampling systems are discussed in connection with their basis in signals and systems theory. The accompanying CD-ROM includes applets, source code, sample examinations, and exercises with selected solutions. **Applied Signal Processing Concepts, Circuits, and Systems** CRC Press Classical signal processing techniques are based primarily on the analog nature of all signals. However, the continuously improving performance of digital circuitry and processors has prompted a switch to digital signal processing techniques rather than the traditional analog ones. Applied Signal Processing recognizes the linkage between the two paradigms and presents a unified treatment of both subjects (analog and digital signal processing) in one authoritative volume. It introduces underlying principles, basic concepts, and definitions as well as classic and contemporary designs of signal processing systems. The author includes a detailed description of data converters, an interface between the real world of analog signals and the artificial world of digital signals. He provides a concise presentation of topics by limiting the number of complex equations and using lucid language.

Numerous real-world application examples are featured within each chapter including architectures from Texas Instruments, Motorola, and Analog Devices. With its compounded coverage of both analog and digital signal processing techniques, this book provides engineers with the knowledge they need to understand the analog basis of modern digital signal processing techniques and construct architectures for modern systems. **Schaum's Outline of Signals and Systems, Second Edition** McGraw Hill Professional A classic Schaum's Outline, thoroughly updated to match the latest course scope and sequence. The ideal review for the thousands of engineering students who need to know the signals and systems concepts needed in almost all electrical engineering fields and in many other scientific and engineering disciplines. About the Book This updated edition of the successful outline in signals and systems is revised to conform to the current curriculum. Schaum's Outline of Signals and Systems mirrors the standard course in scope and sequence. It helps students understand basic concepts and offers problem-solving practice in topics such as transform techniques for the analysis of LTI systems, the LaPlace transform and its application to continuous-time and discrete-time LTI systems, Fourier analysis of signals and systems, and the state space or state variable concept and analysis for both discrete-time and continuous-time systems. Key Selling Features Outline format supplies a concise guide to the standard college course in signals and systems 571 solved problems Additional material on matrix theory and complex numbers Clear, concise explanations of all signals and systems concepts Appropriate for the following courses: Basic Circuit Analysis, Electrical Circuits, Electrical Engineering and Circuit Analysis, Introduction to Circuit Analysis, AC and DC Circuits Record of Success: Schaum's Outline of Signals and Systems is a solid selling title in the series—with previous edition having sold over 33,000 copies since 1999. Easily-understood review of signals and systems Supports all the major textbooks for electrical engineering courses in electric circuits Supports the following bestselling textbooks: Oppenheim: Signals and Systems 2ed, 0138147574, \$147.00, Prentice Hall, 1996. Lathi: Linear Systems and Signals 4ed, 9780195158335, \$147.00, Oxford U. Press, 2004. McClellan, Signal Processing First, 2ed, 0130909998, \$147.00, Prentice Hall, 2003. Kamen: Fundamentals of Signals and Systems Using the Web and MATLAB 3ed, 9780131687370, \$147.00, Prentice Hall, 2006. Market / Audience Primary: For all electrical engineering students who need to learn or refresh their understanding of continuous-time and discrete-time electrical signals and systems. Secondary: Graduate students and professionals looking for a tool for review Enrollment: Basic Circuit Analysis - 1,054, Electrical Circuits - 21,921; Electrical Engineering and Circuit Analysis - 52,590; Introduction to Circuit Analysis - 2,700; AC and DC Circuits - 3,800 Author Profile Hwei P. Hsu (Audubon, PA) was Professor of Electrical Engineering at Fairleigh Dickinson University. He received his B.S. from National Taiwan University and M.S. and Ph.D. from Case Institute of Technology. He has published several books which include Schaum's Outline of Analog and Digital Communications and Schaum's Outline of Probability, Random Variables, and Random Processes.