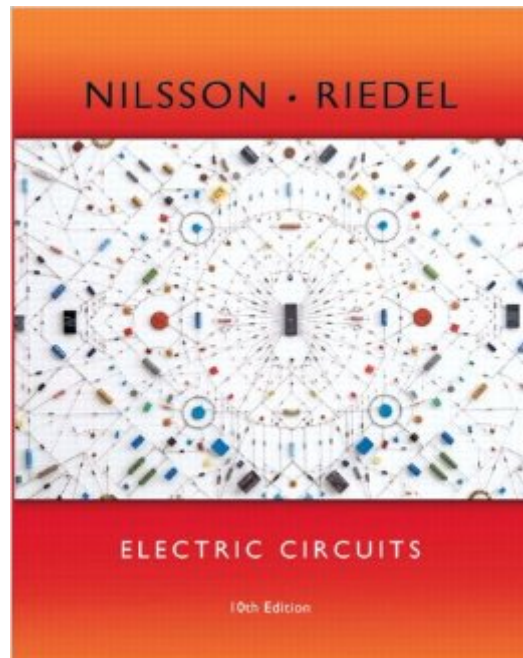


The book was found

Electric Circuits (10th Edition)



Synopsis

Electric Circuits, Tenth Edition, is designed for use in a one or two-semester Introductory Circuit Analysis or Circuit Theory Course taught in Electrical or Computer Engineering Departments. This title is also suitable for readers seeking an introduction to electric circuits. Electric Circuits is the most widely used introductory circuits textbook of the past 25 years. As this book has evolved to meet the changing learning styles of students, the underlying teaching approaches and philosophies remain unchanged. MasteringEngineering for Electric Circuits is a total learning package that is designed to improve results through personalized learning. This innovative online program emulates the instructor's office-hour environment, guiding students through engineering concepts from Electric Circuits with self-paced individualized coaching. Teaching and Learning Experience This program will provide a better teaching and learning experience for you and your students. Personalize Learning with Individualized Coaching: MasteringEngineering provides students with wrong-answer specific feedback and hints as they work through tutorial homework problems. Emphasize the Relationship between Conceptual Understanding and Problem Solving Approaches: Chapter Problems and Practical Perspectives illustrate how the generalized techniques presented in a first-year circuit analysis course relate to problems faced by practicing engineers. Build an Understanding of Concepts and Ideas Explicitly in Terms of Previous Learning: Assessment Problems and Fundamental Equations and Concepts help students focus on the key principles in electric circuits. Provide Students with a Strong Foundation of Engineering Practices: Computer tools, examples, and supplementary workbooks assist students in the learning process. Note: You are purchasing a standalone product; MasteringEngineering does not come packaged with this content. If you would like to purchase both the physical text and MasteringEngineering search for ISBN-10: 0133875903/ISBN-13: 9780133875904. That package includes ISBN-10: 0133760030/ISBN-13: 9780133760033 and ISBN-10: 013380173X /ISBN-13: 9780133801736. MasteringEngineering is not a self-paced technology and should only be purchased when required by an instructor.

Book Information

Hardcover: 816 pages

Publisher: Pearson; 10 edition (January 19, 2014)

Language: English

ISBN-10: 0133760030

ISBN-13: 978-0133760033

Product Dimensions: 8.7 x 1.3 x 10.8 inches

Shipping Weight: 3.7 pounds (View shipping rates and policies)

Average Customer Review: 3.4 out of 5 stars [See all reviews](#) (157 customer reviews)

Best Sellers Rank: #34,847 in Books (See Top 100 in Books) #47 in [Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics](#) #5776 in [Books > Textbooks](#) #9927 in [Books > Reference](#)

Customer Reviews

Background: I've used this text for 5 years now, beginning with the 7th Ed, and now probably moving to the 9th. Before my teaching career I was a circuit designer for HP for about 12 years. I teach at a community college, and we use this text because most of the universities to which my students transfer use it. I've never had a student complain about this text, either personally or in a student evaluation. The good: I think the text is well-written, the explanations are clear and concise and at exactly the level that sophomore EE/ECE students need. The examples are well-chosen and sufficient in number to effectively present the fundamental concepts. What could be improved: 1. More general problems are needed that require the student to solve the circuits using generic components (R, L, C) instead of giving numeric values for all components. The purely numeric approach leads to a "sea of numbers" plug-and-chug solution that has little meaning to the student and even less value in terms of understanding circuit behaviour. Students need to get used to working their solutions into the standard algebraic forms that provide insight into the behaviour of the circuit. (I have designed my labs to make up for this.) 2. The order of the topics assumes the student is taking their first course in differential equations concurrently, and so postpones the introduction of the Laplace transform until near the end of the semester. Too much time is spent solving 1st and 2nd order linear, constant coefficient ODEs by methods engineers will never use again. This makes Laplace methods look like an afterthought, when in fact it is how EEs actually work in the field. All in all, I view this book as a very positive text, and will probably continue to use it.

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

Cooking Under Pressure -The Ultimate Electric Pressure Recipe Cookbook and Guide for Electric Pressure Cookers.: New 2016 Edition - Now Contains 250 Electric Pressure Cooker Recipes.
Electric Circuits (10th Edition) Principles of Transistor Circuits, Eighth Edition: Introduction and guide to the design of amplifiers, function generators, receivers and digital circuits Introduction to Electric Circuits, 9th Edition Circuitos Electricos / Electric Circuits (Spanish Edition) Electronic Circuits: The Definitive Guide to Circuit Boards, Testing Circuits and Electricity Principles

Low-Voltage/Low-Power Integrated Circuits and Systems: Low-Voltage Mixed-Signal Circuits (IEEE Press Series on Microelectronic Systems) Advances in 3D Integrated Circuits and Systems (Series on Emerging Technologies in Circuits and Systems) Design of 3D Integrated Circuits and Systems (Devices, Circuits, and Systems) Contemporary Electric Circuits: Insights and Analysis Circuit: Engineering Concepts and Analysis of Linear Electric Circuits The Unofficial Power Pressure Cooker XL® Cookbook: Over 120 Incredible Electric Pressure Cooker Recipes For Busy Families (Electric Pressure Cooker Recipes Series) Instant Pot Cookbook: Quick And Very Easy Electric Pressure Cooker Recipes For Every Taste (Instant Pot Recipes, Instant Pot Electric, Pressure Cooker, Slow Cooker Book 1) Electric Eats (Electric Eats: Putting your Cooking Tools to Work! Book 1) Pressure Cooker: 365 Days of Electric Pressure Cooker Recipes (Pressure Cooker, Pressure Cooker Recipes, Pressure Cooker Cookbook, Electric Pressure Cooker ... Instant Pot Pressure Cooker Cookbook) Electric Pressure Cooker Cookbook: Delicious, Quick And Easy To Prepare Electric Pressure Cooker Cookbook Recipes You Can Cook Tonight! Electric pressure cooker: top 40 easy recipes for your health: pressure cooker cookbook, healthy recipes, slow cooker, electric pressure cookbook Electric Motors in the Home Workshop: A Practical Guide to Methods of Utilizing Readily Available Electric Motors in Typical Small Workshop Applications (Workshop Practice Series) Manter and Gatz's Essentials of Clinical Neuroanatomy and Neurophysiology, 10th Edition by Sid Gilman Published by F. A. Davis Company 10th (tenth) edition (2002) Paperback CMOS VLSI Design: A Circuits and Systems Perspective (3rd Edition)

[Dmca](#)