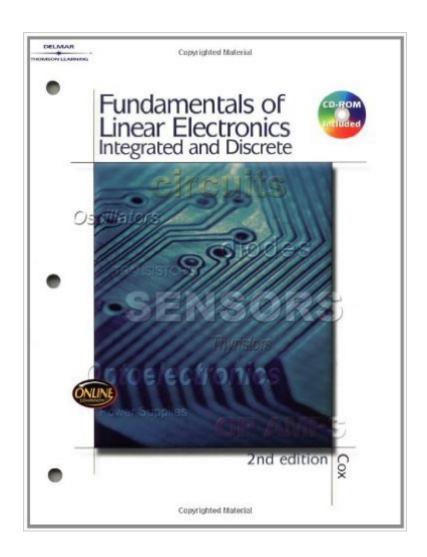
The book was found

Fundamentals Of Linear Electronics





Synopsis

Keeping pace with the electronics industry, this edition of our popular Fundamentals of Linear Electronics combination text/lab manual now features reduced coverage of discrete circuitry to allow readers more time to focus on integrated circuits. The first section of book introduces the building blocks - that is, the components used to build electronics circuits - such as the op-amp that provides the foundation for much of today's modern circuitry. The second section progresses logically into an exploration of the circuitry used to construct electronics systems, including: active filters, oscillators, differential amplifiers, voltage regulators, analog-to-digital converters, digital-to-analog converters, power amplifiers, and phase-control circuits using SCRs and Triacs. Pre-labs at the end of each chapter simulate the hardware lab experiments while requiring use of a calculator and, if possible, verification of results using MultiSIM or other electronic analysis software.

Book Information

Paperback: 896 pages

Publisher: Cengage Learning; 2 edition (June 26, 2001)

Language: English

ISBN-10: 0766830187

ISBN-13: 978-0766830189

Product Dimensions: 1.2 x 8.2 x 10.5 inches

Shipping Weight: 4 pounds (View shipping rates and policies)

Average Customer Review: 2.9 out of 5 stars Â See all reviews (8 customer reviews)

Best Sellers Rank: #1,097,897 in Books (See Top 100 in Books) #147 in Books > Engineering &

Transportation > Engineering > Electrical & Electronics > Circuits > Integrated #284 in Books >

Textbooks > Engineering > Electrical & Electronic Engineering #2305 in Books > Engineering &

Transportation > Engineering > Electrical & Electronics > Electronics

Customer Reviews

I am an avionics student and we are studying this book and it is very hard to understand. Could someone answer some questions that I have?

I agree with Ryan Eggen's description of the book, especially since I am in his class. I, too, am an avionics student and this book is extremely hard to understand. I feel lucky if I can go one page without having problems understanding the text.

I agree this book is hard to follow at times yet it has many labs and diagrams which to follow. I am looking for the labs to this book online, if anyone has know of them it would be helpfull. Thanks!

As for applying knowledge about electronc components though, it is lacking in some major areas. The author depends too heavily on Multisim for explaining his work. This is most definately not a beginner's book on components. There are not enough pictures, formulas, and background information for a student to proactively learn. You had better have agood understanding of electronics before attempting this text.

Download to continue reading...

Fundamentals of Linear Electronics Studies in linear and non-linear programming, (Stanford mathematical studies in the social sciences) Linear Algebra and Its Applications plus New MyMathLab with Pearson eText -- Access Card Package (5th Edition) (Featured Titles for Linear Algebra (Introductory)) Linear Algebra with Applications (9th Edition) (Featured Titles for Linear Algebra (Introductory)) Linear Algebra With Applications (Jones and Bartlett Publishers Series in Mathematics. Linear) Digital Electronics: A Primer: Introductory Logic Circuit Design (Icp Primers in Electronics and Computer Science) Mosfet Modeling for VLSI Simulation: Theory And Practice (International Series on Advances in Solid State Electronics) (International Series on Advances in Solid State Electronics and Technology) All-in-One Electronics Guide: Your complete ultimate guide to understanding and utilizing electronics! The Physics And Modeling of Mosfets (International Series on Advances in Solid State Electronics) (International Series on Advances in Solid State Electronics and Technology (Unnumbered)) Teach Yourself Electricity and Electronics, 5th Edition (Teach Yourself Electricity & Electronics) Fundamentals of Nursing: Human Health and Function (Craven, Fundamentals of Nursing: Human Health and Functionraven, Fundamentals of Nurs) Direct Methods for Sparse Linear Systems (Fundamentals of Algorithms) Fundamentals of Solid-State Electronics: Solution Manual Fundamentals of Solid State Electronics Fundamentals of Network Analysis and Synthesis (Prentice-Hall electrical engineering series. Solid state physical electronics series. Prentice-Hall networks series) Fundamentals of Quantum Mechanics: For Solid State Electronics and Optics Fundamentals of Power Electronics Fundamentals of Office 365: 2016 Edition (Computer Fundamentals) Fundamentals of Hydrology (Routledge Fundamentals of Physical Geography) Tietz Fundamentals of Clinical Chemistry and Molecular Diagnostics, 7e (Fundamentals of Clinical Chemistry (Tietz))

Dmca