



Ebook Directory
the best source of ebook

The book was found

A First Lab In Circuits And Electronics



Synopsis

- * Experiments are linked to real applications. Students are likely to be interested and excited to learn more and explore. Example of experiments linked to real applications can be seen in Experiment 2, steps 6, 7, 15, and 16; Experiment 5, steps 6 to 10 and Experiment 7, steps 12 to 20.
- * Self-contained background to all electronics experiments. Students will be able to follow without having taken an electronics course. Includes a self-contained introduction based on circuits only. For the instructor this provides flexibility as to when to run the lab. It can run concurrently with the first circuits analysis course.
- * Review background sections are provided. This convenient text feature provides an alternative point of view; helps provide a uniform background for students of different theoretical backgrounds.
- * A "touch-and-feel" approach helps to provide intuition and to make things "click". Rather than thinking of the lab as a set of boring procedures, students get the idea that what they are learning is real.
- * Encourages students to explore and to ask "what if" questions. Helps students become active learners.
- * Introduces students to simple design at a very early stage. Helps students see the relevance of what they are learning, and to become active learners.
- * Helps students become tinkerers and to experiment on their own. Students are encouraged to become creative, and their mind is opened to new possibilities. This also benefits their subsequent professional work and/or graduate study.

Book Information

Paperback: 140 pages

Publisher: Wiley; 1 edition (May 23, 2001)

Language: English

ISBN-10: 0471386952

ISBN-13: 978-0471386957

Product Dimensions: 7.9 x 0.4 x 10 inches

Shipping Weight: 13.4 ounces (View shipping rates and policies)

Average Customer Review: 4.3 out of 5 stars 10 customer reviews

Best Sellers Rank: #155,356 in Books (See Top 100 in Books) #129 in [Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits](#) #419 in [Books > Engineering & Transportation > Engineering > Telecommunications & Sensors](#) #43261 in [Books > Textbooks](#)

Customer Reviews

Written by my professor and it's the only textbook I kept after this year. Really approachable and a

great reference manual, even beyond the labs to more general concepts.

Just fine.

Required book for EE lab. Just a standard experiment book with questions.

cheap Caltech text books.

Nice

Well just lab text book

This was a book I needed for a class, it was much less expensive here and the quality was good.

This book was smaller and a different shade of blue compared to all my classmates . If it were pure aesthetics I could care less. All the reading material was the same as theirs. However, several drawings were different. I lost some major points on a lab quiz, because the op amp hook up schematics were incorrect. I wish I had bought this at the book store instead of online. I failed that quiz and had I purchased it from the campus bookstore I would have received a better overall lab grade.

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

Lab Values: 82 Must Know Lab Values for Nurses: Easily Pass the NCLEX with Practice Questions & Rationales Included for NCLEX Lab Values Test Success (Lab Values for Nurses, NCLEX Lab Values) A First Lab in Circuits and Electronics CMOS Digital Integrated Circuits: A First Course (Materials, Circuits and Devices) Selected Topics in RF, Analog and Mixed Signal Circuits and Systems (Tutorials in Circuits and Systems) Electronics for Kids: Play with Simple Circuits and Experiment with Electricity! PSPICE and MATLAB for Electronics: An Integrated Approach (VLSI Circuits) PSPICE and MATLAB for Electronics: An Integrated Approach, Second Edition (VLSI Circuits) Contemporary Electronics: Fundamentals, Devices, Circuits, and Systems Power Electronics: Circuits, Devices and Applications (3rd Edition) Experiments in Electronics Fundamentals and Electric Circuits Fundamentals Introductory DC/AC Electronics And Introductory DC/AC Circuits: Laboratory Manual, 6th Edition Animation Lab for Kids: Fun Projects for Visual Storytelling and Making Art Move - From cartooning and flip books to claymation and stop-motion

movie making (Lab Series) Electronics Fundamentals: Circuits, Devices & Applications (8th Edition)
Design of Analog CMOS Integrated Circuits (Irwin Electronics & Computer Engineering) Device
Electronics for Integrated Circuits Printed Circuits Handbook, Seventh Edition (Electronics)
Foundations of Electronics: Circuits & Devices Conventional Flow Make: Design Your Own Circuits:
17 Exciting Design Ideas for New Electronics Projects Clay Lab for Kids: 52 Projects to Make,
Model, and Mold with Air-Dry, Polymer, and Homemade Clay (Lab Series) 3D Art Lab for Kids: 32
Hands-on Adventures in Sculpture and Mixed Media - Including fun projects using clay, plaster,
cardboard, paper, fiber beads and more! (Lab Series)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)