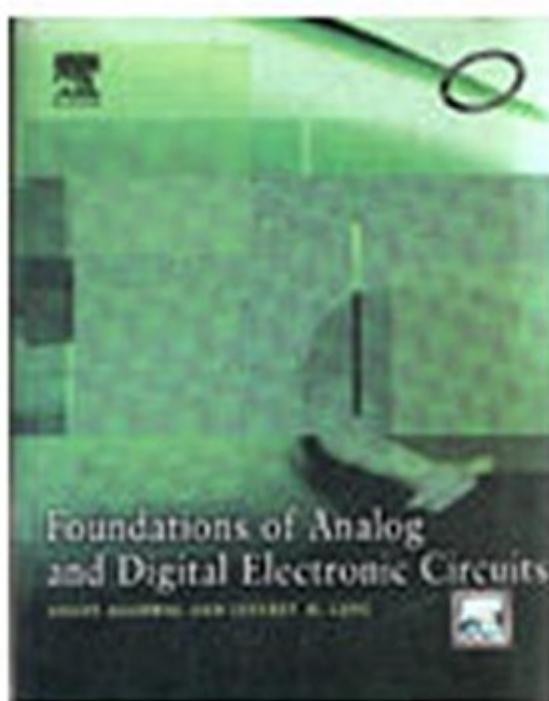


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Foundations Of Analog And Digital Electronic Circuits



Synopsis

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Book Information

Paperback: 984 pages

Publisher: EI; 1 edition (2009)

Language: English

ISBN-10: 8131200892

ISBN-13: 978-8131200896

Package Dimensions: 9.5 x 7.2 x 1.4 inches

Shipping Weight: 2.8 pounds

Average Customer Review: 4.5 out of 5 stars 44 customer reviews

Best Sellers Rank: #277,506 in Books (See Top 100 in Books) #86 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics > Microelectronics

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I took an online course through MIT on circuit analysis because it is a hobby of mine (I'm an engineer/full time nerd). The professor who taught the class wrote this book. The guy was very knowledgeable and funny. I had the eBook version of this but I can't stand reading eBook's for Textbooks. I bought this and have really enjoyed the knowledge gained from it. It teaches you about how circuits really work in the real world and what happens at failure etc. When I took physics in college it was all theoretical which is necessary but isn't as useful when building your own circuits. This touches on the theoretical backgrounds of the theories and then gets into what it actually means and does. It teaches you about the differences in analog and digital (I really enjoyed the section about digital signals). I recommend this book to hobbyists and academics alike. I initially bought a physics textbook to help me with my circuit design but it lacked in material. This was perfect and I still use it.

I agree with most of the positive reviews about this book. It is well written, comprehensive and understandable. I especially want to add that this book works great on a Kindle Fire HD, or using a Kindle PC app. This is one of the few technical books I have purchased that looks as good on a Kindle as in print. Usually, Kindle tech books have tiny, unreadable equations and other poor quality graphics. This one is an exception: the equations read just fine, and the graphics are great. Other

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This book is so informative. I am a home schooled high school student in my senior year. I desire to pursue a degree in electronics and am able to understand this book. I have had a good background in Calculus which has been a big help. No doubt, Agarwal has a gift with teaching in a way that even a high school student can understand. It has helped to watch his videos that go along with this book.

The book is an amazing approach to physics and electronics with the engineer'eyes. Nice procedure is simplifying theory in order to get instruments that allows to build real "hardware". A good engineer's approach to complex math and physics world. Not sure all students will appreciate the teaching style.

I've bought this book because enrolled to 6.002x online MIT course ([...]). Book is really good for those who want to start exploring the world of Electronics. New information, electronics abstraction (like diode, MOSFET) is explained in detail. Though, for advanced engineers it can seem too many circumlocution.

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