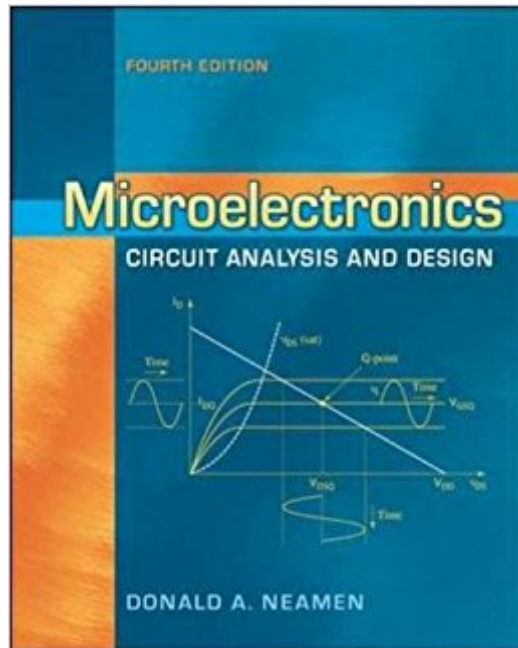




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Microelectronics Circuit Analysis And Design



Synopsis

Microelectronics: Circuit Analysis and Design is intended as a core text in electronics for undergraduate electrical and computer engineering students. The fourth edition continues to provide a foundation for analyzing and designing both analog and digital electronic circuits. The goal has always been to make this book very readable and student friendly. An accessible approach to learning through clear writing and practical pedagogy has become the hallmark of Microelectronics: Circuit Analysis and Design by Donald Neamen. Now in its fourth edition, the text builds upon its strong pedagogy and tools for student assessment with key updates as well as revisions that allow for flexible coverage of op-amps.

Book Information

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Customer Reviews

I was initially worried that the "international edition" of this book would be different from the one required by my university, but this was not the case. I used this book for the past semester and had no issues. The only difference I noticed was the cover art and that the inside illustrations seemed to lack the color variation that the other (more pricey) edition had. That didn't really matter, it's mostly an aesthetic thing. It was a great purchase and I saved a lot of money, even over renting the book.

This book unfortunately leaves some to be desired in transistor circuit analysis. It really seems to try and boil common circuits down to a set of formulas that are not universal or intuitive. The first couple of chapters are wonderful and full of information. The later chapters seem to be a great fit for

someone who is interested in research..

Its half way through the semester as I write this, and thus far I can honestly say that this is a pretty good book. Equations are made clear as day and are explained pretty well. The text is very very dense, that is, its not at all easy to skim through. Every paragraph seems to be crammed with info, and since its the subject is very technical, that same paragraph usually requires reading twice, so if your professor assigns reading its my suggestion that its started a little earlier than the student might be used to doing.

Well written explanations of the core principles of electronic instrumentation. Want to learn about MOSFETs, diodes, BJTs, and other circuit configurations? Buy. This. Textbook.

It's an okay book. Probably not the best at teaching concepts and is a pretty heavy read.

Great book. A lot to discover and learn.

I love it!

Just Right

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