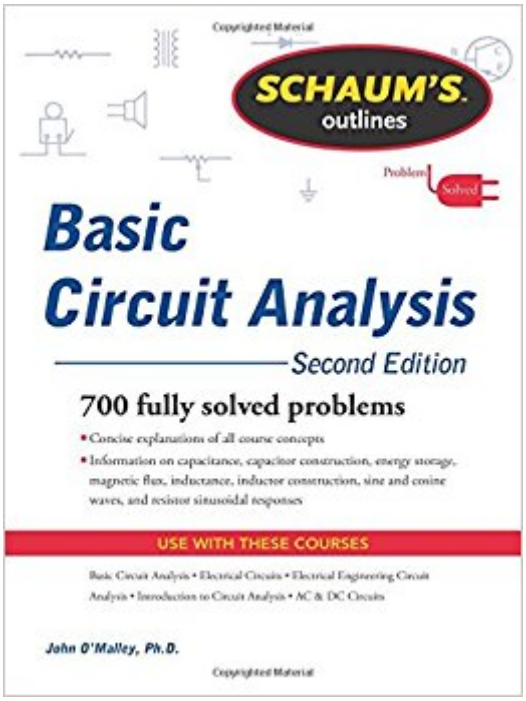
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Schaum's Outline Of Basic Circuit Analysis, Second Edition (Schaum's Outlines)



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Synopsis

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Book Information

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Customer Reviews

John R. O'Malley is a professor of electrical engineering at the University of Florida. He is the author of two books on circuit analysis and two on the digital computer. He has been teaching courses in electric circuit analysis since 1959.

This book is exactly what I was looking for! It goes over all the basics such as Ohm's Law, KVL, and

KCL to more complex concepts such as sinusoidal voltage and current to transformers. It is a great cheat sheet to look up key information instead of hunting down old notes or digging through the index of a text book. The explanations are extremely clear and much better than what my professor can even offer. O'Malley has a great way of dumbing down complex material.Here's what lies in the table of contents:1. Basic Concepts2. Resistance3. Series and Parallel DC Circuits4. DC Circuit Analysis5. DC Equivalent Circuits, Network Theorems, and Bridge Circuits6. Operational-Amplifier Circuits7. PSPICE DC Circuit Analysis8. Capacitors and Capacitance9. Inductors, Inductance, and PSPICE Transient Analysis10. Sinusoidal Alternating Voltage and Current11. Complex Algebra and Phasors12. Basic AC Circuit Analysis, Impedance, and Admittance13. Mesh, Loop, Nodal, and PSPICE analyses of AC Circuits14. AC Equivalent Circuits, Network Theorems, and Bridge Circuits15. Power in AC Circuits16. Transformers17. Three-Phase Circuits

When I purchased this book, I wanted to train on the most basic Circuit Analysis concepts around. This book did not disappoint. It is probably one of the best books I've ever studied from, on the subject.One thing that occasionally irritated was the formatting options (the organization of study areas within a few chapters). These were divided in ways that sometimes made it difficult to follow the general logical progression of increasing knowledge. On the other hand, in most instances, the practice problems -were- very well done. These followed a gradual build up of complexity in each subject matter, from the most basic, to the most complex.The material the book is built from feels slightly above newspaper quality. That I did not like at all, but I was careful with the book and learned to deal with it.Despite the difficulties, I found this book one of the easiest to follow self study books around.

This book was very helpful for my first circuit analysis class in college. To anyone looking for advice, I recommend this book and I also recommend purchasing a chegg monthly homework membership to work various problems with solutions.

I purchased this book to continue to learn to work with written layouts of circuits and practice my ability to analyze these circuits on paper. I wanted to review and study basic circuits as I am not an engineer or a student at this time. This outline analysis is right for my needs as the concepts are kept simple and direct. This book provides me with a basic starting review of the fundamentals of identification and measurement and progresses into applied use of these basics.. It is probably one of the better books I've used for review or have studied from, on any subject. I combines a thorough

basic presentation with examples that are explained well enough for the dullest tack to comprehend, well almost. This book provides the student with study and working examples in some of the chapters and it is presented in the format that allows you to progress as you gain knowledge. Concerning the subject matter of electrical circuits, in most instances, the lessons and practice problems are well laid out. Easy at first, then it begins to get more complicated. If you are not ready to proceed, the subject matter, will tell you that more study and thought is needed. I found this book easy to follow along the study line and testing of knowledge and is a good self study of this subject. I like it.

Husband loves it.

Good workbook - explanations were at times better than the textbook. Problems were also better than the textbook.

Accurate, easy to understand, many example problems with solutions provided.

came in a soft package. I don't like that but the book was perfectly fine so no harm no foul, I guess.

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