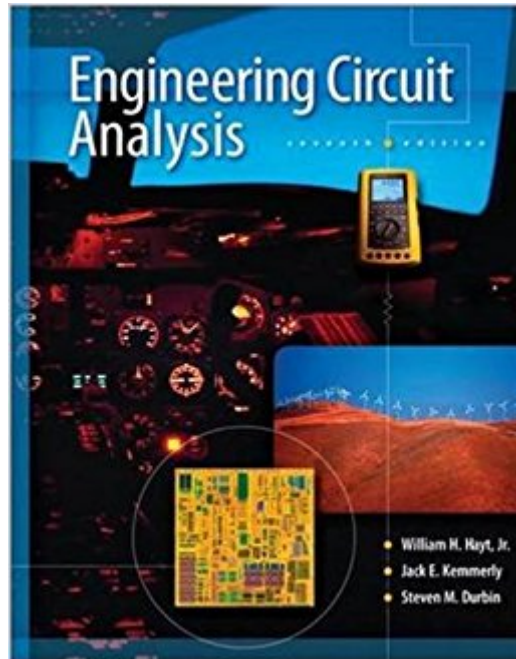




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Engineering Circuit Analysis



Synopsis

The hallmark feature of this classic text is its focus on the student â “ it is written so that students may teach the science of circuit analysis to themselves. Terms are clearly defined when they are introduced, basic material appears toward the beginning of each chapter and is explained carefully and in detail, and numerical examples are used to introduce and suggest general results. Simple practice problems appear throughout each chapter, while more difficult problems appear at the ends of chapters, following the order of presentation of text material. This introduction and resulting repetition provide an important boost to the learning process. Hayt's rich pedagogy supports and encourages the student throughout by offering tips and warnings, using design to highlight key material, and providing lots of opportunities for hands-on learning. The thorough exposition of topics is delivered in an informal way that underscores the authorsâ™ conviction that circuit analysis can and should be fun.

Book Information

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Customer Reviews

If you have any choice in the matter find a different E&M book. Most of the reviews here are spot on. I get that E&M is hard and you would have to search long and hard to find a well reviewed E&M book, but that doesn't excuse this books failings. To start with this book is poorly written in many respects. Explanations are often quite hand-wavy and the examples often do not go into enough depth to be followed. Physical descriptions are butchered numerous times throughout the text, and analogies that should make things easier to understand often only add to the overall confusion. This

is not coming from someone who was ill prepared for this course. I had a solid math background including vector calculus, and I had taken a previous physics course in E&M. In general I found myself reading this book, getting frustrated and confused, and then realizing I already had learned how to do this before and looking up the topic online. I accept being confused about new things, but a book should not confuse me on a topic I already know. This problem sets in this book hardly deserve a single star. The problems deviate a bit further from what was presented in the text than I would think proper. This makes an external resource necessary to solve many problems. Many questions are so poorly worded that the problem can be interpreted in multiple ways each with a unique solution, and the student is left to guess how they should interpret the problem. Even if you do guess the right interpretation you will often find you have been marked wrong by the grader because either the instructor solution manual was wrong, or the problem in the book was wrong.

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