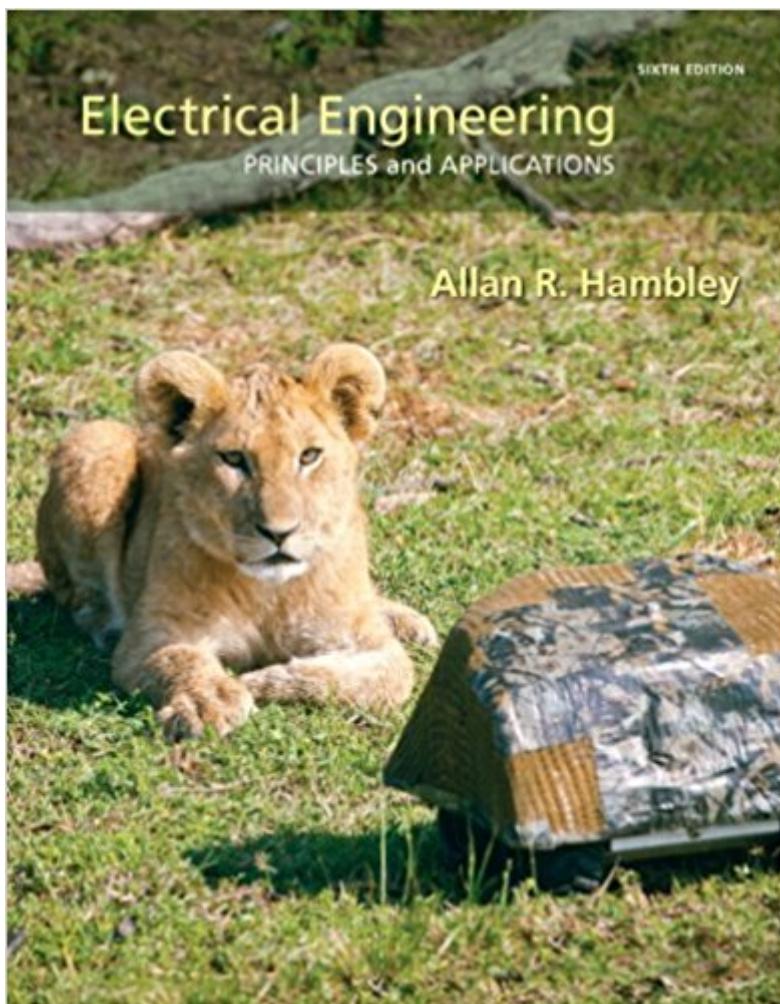


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Electrical Engineering: Principles & Applications (6th Edition)



Synopsis

For undergraduate introductory or survey courses in electrical engineering A clear introduction to electrical engineering fundamentals Electrical Engineering: Principles and Applications, 6e helps students learn electrical-engineering fundamentals with minimal frustration. Its goals are to present basic concepts in a general setting, to show students how the principles of electrical engineering apply to specific problems in their own fields, and to enhance the overall learning process. Circuit analysis, digital systems, electronics, and electromechanics are covered. A wide variety of pedagogical features stimulate student interest and engender awareness of the material's relevance to their chosen profession. NEW: This edition is now available with MasteringEngineering, an innovative online program created to emulate the instructor's office-hour environment, guiding students through engineering concepts from Electrical Engineering with self-paced individualized coaching. Note: If you are purchasing the standalone text or electronic version, MasteringEngineering does not come automatically packaged with the text. To purchase MasteringEngineering, please visit: masteringengineering.com or you can purchase a package of the physical text + MasteringEngineering by searching the Pearson Higher Education website. Mastering is not a self-paced technology and should only be purchased when required by an instructor.

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Customer Reviews

Allan R. Hambley received his B.S. degree from Michigan Technological University, his M.S. degree from Illinois Institute of Technology, and his Ph.D. from Worcester Polytechnic Institute. He has worked in industry for Hazeltine Research Inc., Warwick Electronics, and Harris Government

Systems. He is currently Professor of Electrical Engineering at Michigan Tech. The Michigan Tech chapter of Eta Kappa Nu named him the Outstanding Electrical Engineering Teacher of the Year in 1995. He has won the National Technological University Outstanding Instructor Award six times for his courses in communication systems. The American Society for Engineering Education presented him with the 1998 Meriam Wiley Distinguished Author Award for the first edition of his book, Electronics. His hobbies include fishing, boating in remote areas of Lake Superior, and gardening.

The International edition's problems are different from the normal edition's problems. The actual content in the chapters is seemingly identical to the normal 5th edition. If the author made any changes to the chapters from edition to edition, it is hardly noticeable. There are also no solutions to problems in the back, but there are solutions to the 'practice tests' at the end of each chapter. There are a few examples in the chapters and it seems to be about 1 example per section. The chapters seem to focus more on the conceptual aspects and deriving equations. A problem/solution book would be a great supplement to this text (check out the Schaum's series).

Very good book. That means a lot coming from me... since I hate everything to do with circuits. Electrical Engineering is a bold title for the book. It should be titled "Introductory Circuits" or something similar. The content isn't too hard, and the problems given in the book are actually quite useful. If I remember correctly, there are no answers in the back of the book. This would be helpful. What use is homework if you don't even know if you are doing it correctly? The book has a lot of illustrations and demonstrations on how to solve the problems using MatLab. The only reason it got four stars was because some of the given problems seemed to be out of the blue. You would start on a problem and it would have concepts that weren't even touched on anywhere in the book. There are only a few of these each chapter though.

This book is barely ok...with so many good books on introductory electrical engineering, I wouldn't use this one. The explanations in the book are very superficial. I also do not like how it's laid out. It explains FETs *before* describing BJT's.

The book was in great condition as expected. I got it used but looks almost like new. I got it for school and it still had the instructional CD attached to it untouched. So far for school it has been very helpful. Has lots of good material and the CD contain more examples. Also the answer to the problems in the book are not in the back of the textbook like others, they are actually in the CDs that

it comes with. And its not all problems just some.

I am an engineer brushing up on my electric skills to design robots around my house. I haven't taken electrical engineering in some time, but have found this book a great substitute to the pricey Principles and Applications of Electrical Engineering Dec 13, 2005 by Giorgio Rizzoni, which I used during college, but alas cannot find the book anywhere in my house. Anyways, this book covers the same topics and is as well organized as Rizzoni's. Save the money and get this, you won't be disappointed.

Just what you would expect from a textbook. Thats why its only getting three stars lol. All the questions are worked out on chegg so its helpful if you get stuck. This is probably the best book for the class that I had to take.

Hambley's stuff is great, examples and explanations are straightforward. Summary captions in the margins are cool, too. But what's with the binding??? Fell apart in literally 4 months of simply taking it to school in my backpack each day. There are multiple cracks in the binding, and the cover moves all around. My professor here at Michigan Tech said the same thing's happened to him. Now I probably can't make \$10 off a \$160 book...what a ripoff, Pearson.

There seemed to be significant gaps between the material taught and the study questions. They often made too many assumptions without stating them. For those with a poor memory (or those who could care little about electrical engineering), remembering all the assumptions is difficult.

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