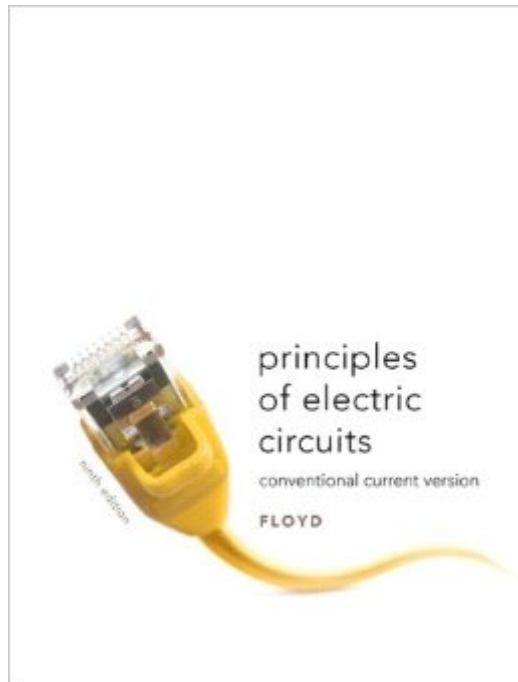


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Principles Of Electric Circuits: Conventional Current Version (9th Edition)



Synopsis

For DC/AC Circuits courses requiring a comprehensive, classroom tested text with an emphasis on troubleshooting and the practical application of DC/AC principles and concepts. This text provides an exceptionally clear introduction to DC/AC circuits supported by superior exercises, examples, and illustrations and an emphasis on troubleshooting and applications. Throughout the text's coverage, the use of mathematics is limited to only those concepts that are needed for understanding. Floyd's acclaimed troubleshooting emphasis provides students with the problem solving experience they need to step out of the classroom and into a job!

Book Information

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Customer Reviews

This book focuses on the fundamentals of electric circuits. It walks students very carefully through the basics of electric circuits. What I liked in particular was that the book provides examples of things like: "why would you place resistors in parallel" or "why would you place resistors in a series". It has a CD in the back that I haven't tried yet, but looks interesting. The CD has more experiments with circuits using a simulator or two.

This book explains in great detail every concept but when it comes to math, the author replaces it with an intuitive manner (such as: experimentally it is known that ... so ...; think of the water as being electric current ...). The only thing that can be considered as being math are formulas and some exercises (require basic calculus), nothing more. So if you want to reach that formula by yourself

then you must choose another book. The math beyond Electric Circuits in general is very simple but it seems that Floyd preferred to use those 1k pages to write additional explanations instead of demonstrations. So this book is a great deal for those who want to begin designing. This book has a target audience but I think everyone in this field must own this because no other book has so many coloured graphs, explanations, many real electric components (schematics and descriptions), experiments drawn in a real way. I'm glad that I bought this. I give it 4 stars because of no math (some portions requires it).

This book is great, it is perhaps the easiest book I've read when it comes to electric circuits, the topics are properly structured, the authors way of writing makes it easy to understand, it has a lot of practical applications as well as troubleshooting techniques, it is great to get a quick, general and easy grasp of electric circuits. However, in my opinion the author oversimplifies many topics, the math is so easy and basic that highschool algebra will suffice, several topics that are needed for an EE major are not covered in this book, in other words, if a bit more than simple math is required, then it's not covered in this book, forget about differential equations, Laplace or Fourier transforms and such. I believe this book is targeted towards technical schools rather than EE students, thus the heavy focus on troubleshooting techniques and "cut to the chase" theory. Still, I would highly recommend this book to an EE student as a companion book, not as a main text book, it's great to have around as a quick reference when you quickly need to understand the basics of certain topic without the 2 pages of formulae derivation and theorem proof, plus it's useful to know many of the troubleshooting and measurement techniques. If you are an electronics enthusiast, this is THE book to read to understand electric circuits.

I used this lab book instead of the current one and I never ran into an issue with it. The lab chapters line up right with the current edition (didn't check page numbers but who cares). So it worked out fine. Save yourself some money and get this one...your wallet will thank you ;)

The book covers everything and then some. Very easy to understand, formulas are explained, this is a no-brainer!!!! Would highly recommend for class or as a self-taught adventure. Has website links, I mean what else do you need. :)

This is quite a good book. I used this for both my DC and AC circuits classes at the University of Hartford. I rented the book but should have bought it. It has very nice diagrams and is written out

very well.

The author's approach to the concepts is very well-paced. The explanations are thought out and concise. Because of this, I've been able to speed through the book whilst mastering the content with ease. A well-grounded knowledge of algebra is of course requisite to being successful with this subject.

This book was required by the Professor to purchase per his class as Houston Community College. It was a very big help that allowed me to rent this book, as I am on a one income family and this rental allowed me to have better management of my flex spending. The professor was not very good, however, the book did help me get through the class. The book was written well and is very easy to understand,

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