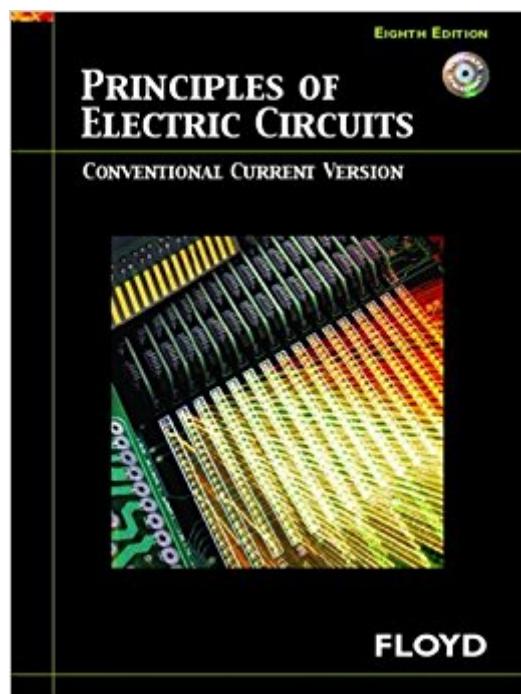


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# Principles Of Electric Circuits: Conventional Current Version (8th Edition)



## Synopsis

This book provides an exceptionally clear introduction to DC/AC circuits supported by superior exercises, examples, and illustrations—and an emphasis on troubleshooting and applications. It features an exciting full color format which uses color to enhance the instructional value of photographs, illustrations, tables, charts, and graphs. Throughout the book's coverage, the use of mathematics is limited to only those concepts that are needed for understanding. Floyd's acclaimed troubleshooting emphasis, as always, provides learners with the problem solving experience they need for a successful career in electronics. Chapter topics cover components, quantities and units; voltage, current, and resistance; Ohm's Law; energy and power; series circuits; parallel circuits; series-parallel circuits; circuit theorems and conversions; branch, mesh, and node analysis; magnetism and electromagnetism; an introduction to alternating current and voltage; phasors and complex numbers; capacitors; inductors; transformers; RC circuits; RL circuits; RLC circuits and resonance; basic filters; circuit theorems in AC analysis; pulse response of reactive circuits; and polyphase systems in power applications. For electronics technicians, electronics teachers, and electronics hobbyists.

## Book Information

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## Customer Reviews

This book provides an exceptionally clear introduction to DC/AC circuits supported by superior exercises, examples, and illustrations and an emphasis on troubleshooting and applications. The

Fifth Edition features stronger coverage of key areas (including new PSpice sections in all chapters), new exercises throughout the text, and an improved pedagogical framework. It includes specially designed Technology Theory Into Practice (TECH Tip) sections which link principles to real world practices as well as numerous troubleshooting sections. Plus, Principles of Electric Circuits, Fifth Edition features an exciting new full color format which uses color to enhance the instructional value of photographs, illustrations, tables, charts, and graphs. 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, as always, provides students with the problem solving experience they need to step out of the classroom and into a job! --This text refers to an out of print or unavailable edition of this title.

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.Ã  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! --This text refers to an out of print or unavailable edition of this title.

Something is definitely off about this book, I purchased it from the seller Franklin Media.... Definitely a fake, counterfeit copy. Like the cover is out of focus (look at picture, camera is in focus), the whole book seems small in size, and the color is off (orange instead of yellow). It's like the cover was printed up off a scanned image file with bad resolution, the text is pixelated and blurry, and they tried to adjust/correct the color, the image on the cover is cutoff at a point, and the "orange" label/binding image doesn't even properly fit. Then inside they chopped off /trimmed up the pages, leaving like zero margin inside the book, and that will probably be annoying trying to read the inner text against the binding. Makes me think it is a counterfeit for sure, at the very least cheaply rebound, and poorly done, and I probably won't be able to resell it after I'm done with it. Nothing about being rebound or a misprint or anything was in the description. I feel like I bought a imitation and counterfeit book, in short a really crappy version. And there were plenty others I could have chosen in the same price range. Beware!

great book, lots to learn

For a used book, this is perfect for what I need and it also saved money by buying it used. The book was in decent shape and worth the money saved.

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.

Very useful information in this book. It goes into as much detail as a student can handle in one semester. There are a few typos and quite a few miscalculations though.

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 ;)

It was new and is required for the class that I am taking. It was cheaper than buying it used from the school.

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