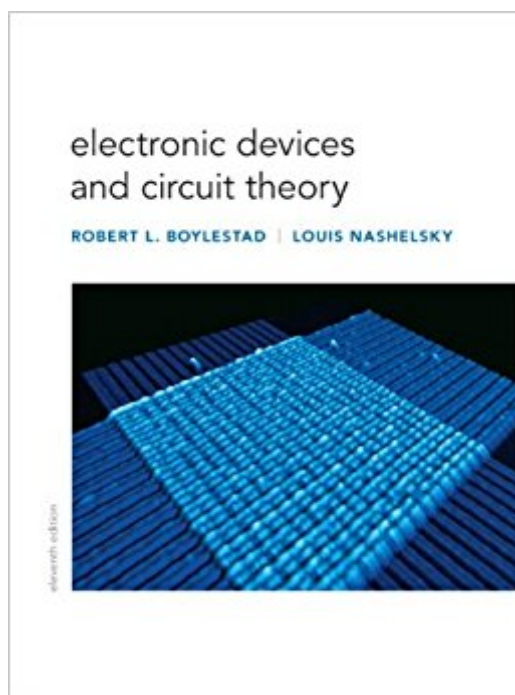


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# Electronic Devices And Circuit Theory (11th Edition)



## Synopsis

Electronic Devices and Circuit Theory, Eleventh Edition, offers a complete, comprehensive survey, focusing on all the essentials you will need to succeed on the job. Setting the standard for nearly 30 years, this highly accurate text is supported by strong pedagogy and content that is ideal for new students of this rapidly changing field. The colorful layout with ample photographs and examples helps you better understand important topics. This text is an excellent reference work for anyone involved with electronic devices and other circuitry applications, such as electrical and technical engineers.

## Book Information

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## Customer Reviews

So far, the book has been useful in my understanding of the topics. The explanations and calculations are done well and don't seem to have the bad habit of glossing over the details. The author doesn't assume much prior knowledge beyond KVL/KCL stuff and even at one point briefly reviews Thevenin's theorem. My only qualm so far is that the table of contents and the index are pretty useless in finding a specific thing. An electronic copy would probably alleviate this.

This is no General theory book but is surely Meat and Bones advanced study. Having used this book in College I found it to be one of two essential books for the study of Transistors and Amplifiers as well as other Devices. I would also recommend Malvino's Electronic Principles which uses a separate and different approach in analyzing and calculating circuits. Actually if you are wanting to

choose one to settle down with I'd highly recommend making your decision based upon whichever method your Electronics program uses. For example this publication allows you to take a fact sheet on an electronic device and use the published data in order to calculate the circuit. Malvino's approach though is more an approximation and many find that method more preferable than the more complex and detailed methods that are required by this publication. Both are excellent books and very thorough and certainly this book is for advanced students.

If you could only afford one electronics text, this is it! I've reviewed over 40 texts for our library acquisition clients, who can afford only 4 in many cases. Boylestad always makes the top three, and with this 11th edition, I can say with confidence that ALL the kinks have been worked out. Most every other text starts out WAY too fast, and still has numerous, frustrating errors. But that's not the major plus. Boylestad is a master teacher and storyteller. The picture of that lonely copper electron sitting out in it's own shell with gangs of family members in the adjacent shell will never leave you! While other texts are grinding you through integrals, Bob is gently explaining in PRACTICAL ENGLISH and with hundreds of illustrations and pictures, how and why it all works. His 12th edition of circuit analysis, for example, starts at the High School or tech level, yet still gives enough technical detail for use in Engineering courses (Introductory Circuit Analysis (12th Edition)). If you are at MIT working on your PhD in Electronics Engineering, you'll not find a lot of matrix calculus, linear algebra and dynamic systems analysis using differential equations, because Boylestad targets his teaching to both self study and technology courses, and assumes you're starting at the beginning. However, if you ever want to teach, you should still study this, because his approach is a model for explaining difficult concepts with wonderful examples that you finally "get" at a gut level. I guarantee (as an Engineer myself), you'll grasp concepts more intuitively here even if you are very advanced. Perhaps the best and most unique feature are the two authors' ability to describe, step by step, what a circuit is doing and why. You learn early on that voltage is a type of information signal, and you can extend the detailed descriptions to many other circuits almost immediately, because you REALLY GET the basics. They spend a lot of time on timers and op-amps, for example, as backbones of many IC strategies. Every page you go: "AHA! So THAT'S why that component is there!!" Highly recommended. Library Picks reviews only for the benefit of shoppers and has nothing to do with , the authors, manufacturers or publishers of the items we review. We always buy the items we review for the sake of objectivity, and although we search for gems, are not shy about trashing an item if it's a waste of time or money for shoppers. If the reviewer identifies herself, her job or her field, it is only as a point of reference to help you gauge the background and any biases.

As I've said in the title, The test is good, but I prefer Floyds texts better, guess Its just personal preference. The text is thorough however, so if you want to learn transistors JFETS, op amp basics, etc, its a decent text.

Book arrived in what they called 'acceptable' condition, it's barely holding itself together. I'm actually worried about taking it to class lest the tape holding it together fails and the book falls apart entirely.

librasooo, its a pleasure to study electronics with such a well written book.

When I received this book it was in awful condition. Less than a week after using it to for class the center section (200+ pages) came unglued from the binding.

good book for basics

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