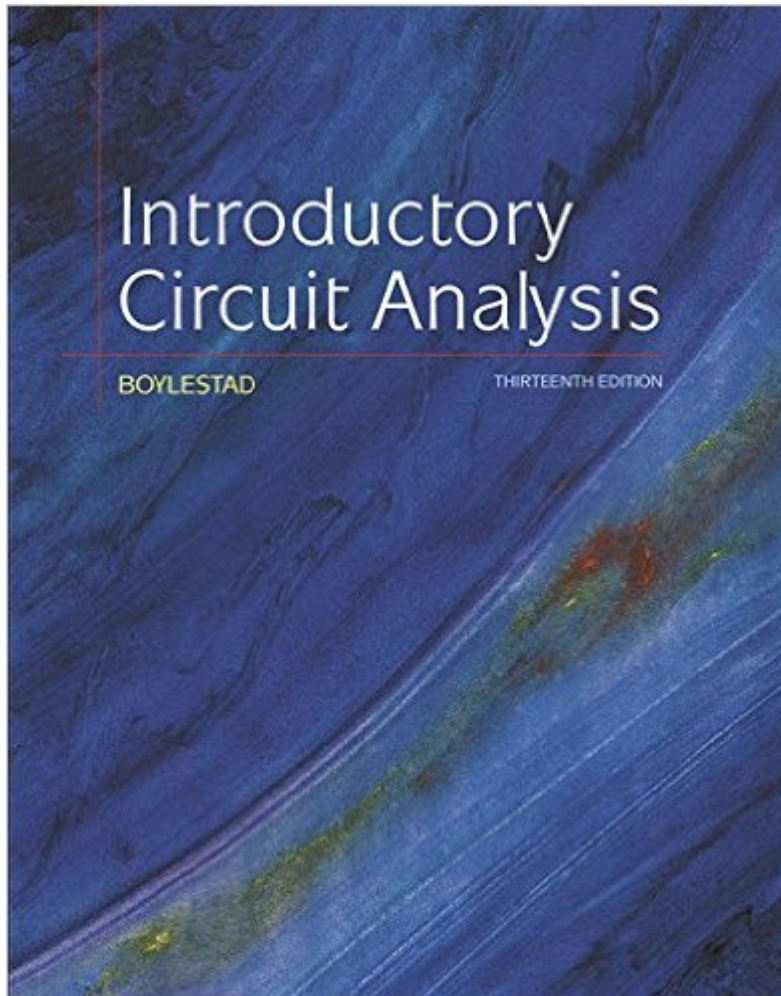


The book was found

# Introductory Circuit Analysis



## Synopsis

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. For courses in DC/AC circuits: conventional flow    The Latest Insights in Circuit Analysis    Introductory Circuit Analysis, the number one acclaimed text in the field for over three decades, is a clear and interesting information source on a complex topic. The Thirteenth Edition contains updated insights on the highly technical subject, providing readers with the most current information in circuit analysis. With updated software components and challenging review questions at the end of each chapter, this text engages readers in a profound understanding of Circuit Analysis.

## Book Information

File Size: 56802 KB

Print Length: 1224 pages

Simultaneous Device Usage: Up to 2 simultaneous devices, per publisher limits

Publisher: Pearson; 13 edition (April 2, 2015)

Publication Date: April 2, 2015

Language: English

ASIN: B017KJ83KW

Text-to-Speech: Not enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #477,917 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #205

in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Electrical &

Electronics > Electricity Principles #236 in Kindle Store > Kindle eBooks > Engineering &

Transportation > Engineering > Electrical & Electronics > Electronics #597 in Books >

Engineering & Transportation > Engineering > Electrical & Electronics > Circuits

## Customer Reviews

Circuit analysis is a very intense, math-oriented field. The objective is to be able to predict a voltage or current at ANY spot in a circuit, and be sure the circuit is efficient vs. the laws of electricity and electronics. LINEAR circuits can use techniques like complex numbers, substitution, simplification, etc., but NON LINEAR means you're getting into the most advanced math on the planet: Fourier

transforms, matrix calculus, linear algebra, tensors, systems of inequality equations, and much more. Even a single semiconductor (eg. pn diode) makes the circuit nonlinear, as do time varying components, oscillators, etc., so-- tough subject. That means that most Engineering, academic texts are out of the reach of many undergrads unless they got through linear algebra. LaPlace transforms, graph theory, wavelets, etc. are all ADVANCED topics. So, you get an electronics text instead, learn the basics, but really miss out on WHY the circuits are doing what they are doing. This is where this book shines! The author does an AMAZING job of covering real analysis without resorting to calculus hardly at all-- making the book PERFECT for hobbyists, self study, and electronics "techs." In fact, he covers a LOT of basic electronics too-- you can really start with NO knowledge of the difference between a capacitor and resistor, and progress all the way through 555's, transistors, op-amps and all the rest! I review books for library purchasers and out of the 25 top electronics and analysis texts, I'd rate this #1 for self study/ beginners, in BOTH electronics and circuit analysis! Then, if you want to go farther, go ahead and explore the linear algebra/ Fourier etc. calculus based texts.

Introductory Circuit Analysis by Robert Boylestead is an advanced electronics and circuit theory textbook. This book covers everything from an introduction to static control devices to advanced Thevenin and nodal circuit analysis. The book is very in depth and covers almost everything you need for a first and second advanced electronics course. There are many problems that I have with this textbook. While the book is full of knowledge and important equations, it is almost impossible to follow sometimes. There were many points in the book where the author is just spitting out equation after equation without any explanation at all. I found myself lost many times during my weekly assignments. The main reason for this was that I'm currently attending an online college and this book needed to be explained in depth by an instructor. The book also seemed to lack enough real world examples to help the reader understand the course material. My biggest gripe about the book was the consistent mistakes made in the example sections, mainly solutions to math problems used for circuit analysis. After not having seen this type of math in over 10 years, I had to teach it to myself all over again. When I was looking at the examples in the textbook and trying to learn the math, I was consistently thrown off due to the wrong answer being written. I spent many hours trying to figure out what I was doing wrong. One usually assumes that a textbook answer is always correct, especially in a 12th edition. After spending 150 bucks to use this book for an 8 week period, incorrect equations and typos will frustrate the reader even more. This book is not for everyone, it's especially not for students in online electronics classes. I found that out the hard way.

[Download to continue reading...](#)

Winter Circuit (Show Circuit Series -- Book 2) (The Show Circuit) Laboratory Manual for Introductory Circuit Analysis Introductory Circuit Analysis (13th Edition) Introductory Circuit Analysis Introductory Circuit Analysis (11th Edition) Summer Circuit (Show Circuit Series -- Book 1) Circuit Engineering: The Beginner's Guide to Electronic Circuits, Semi-Conductors, Circuit Boards, and Basic Electronics Designing Dynamic Circuit Response (Analog Circuit Design) 2015 Federal Circuit Yearbook: Patent Law Developments in the Federal Circuit Digital Electronics: A Primer : Introductory Logic Circuit Design (Icp Primers in Electronics and Computer Science) Maternity Nursing: An Introductory Text, 11e (MATERNITY NURSINGAN INTRODUCTORY TEXT (BURROUGHS)) 11th (Eleventh) Edition Circuit Analysis I with MATLAB Applications Schaum's Outline of Basic Circuit Analysis, Second Edition (Schaum's Outlines) Engineering Circuit Analysis Basic Engineering Circuit Analysis Microelectronic Circuit Analysis and Design (Electrical and Computer Engineering) Circuit Analysis with Multisim (Synthesis Lectures on Digital Circuits and Systems) Microelectronics Circuit Analysis and Design Circuit: Engineering Concepts and Analysis of Linear Electric Circuits Transform Circuit Analysis for Engineering and Technology (4th Edition)

[Dmca](#)