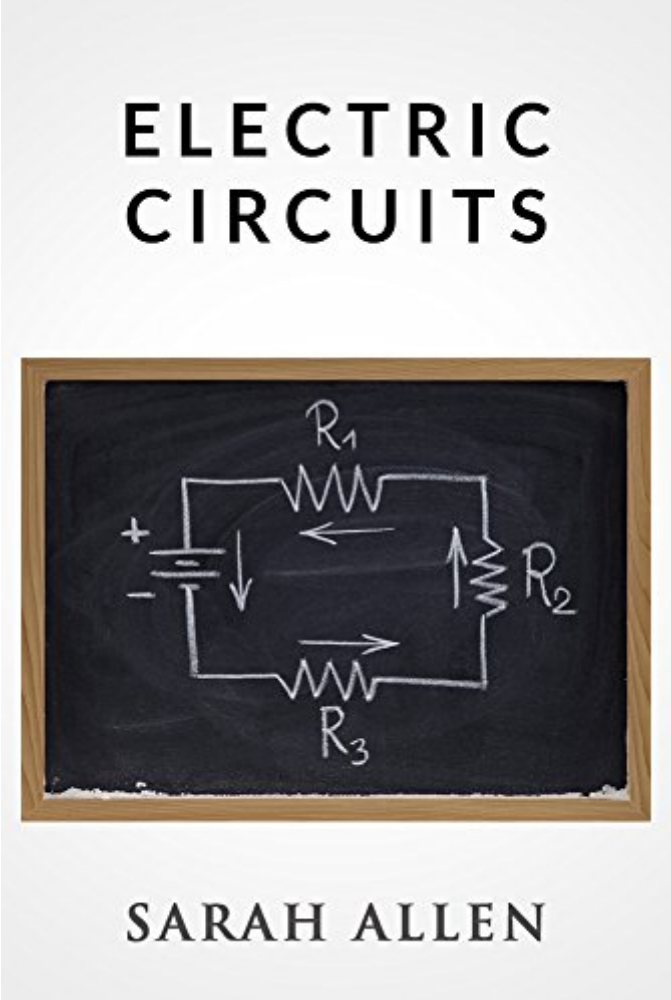
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Electric Circuits (Stick Figure Physics Tutorials)



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Synopsis

Hey Physics Student/Enthusiast,This book is continuously revised and expanded based on the reviews it gets here. It is over twice as long as when it was first published, and now includes 38 additional practice problems, a link to a set of flashcards, a whole new chapter on capacitors, and links to youtube videos and other fun resources. The illustrations were also completely redone based on feedback. It is an introduction to the basics, not intended to be the only book you'll ever need on the subject, but here to make clear the concepts it presents, the fundamentals. The material is targeted at those taking AP Physics in high school, or an introductory college course. I hope you like it!Currently, this book covers:Resistance, Current, and VoltageOhm's LawKirchhoff's Laws (The loop and the node laws)MatricesCapacitors (I got really into this chapter, when I added it it was almost as long as the book was already.)The explanations involve things like silly yodeling stick figure mountain men, and cookies.

Book Information

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Customer Reviews

I have a limited background in electrical work and old electronics and I am reading this Kindle book to help me in my study and review of the subject matter and it is very good in getting the information about circuits to the reader. I gave it 4 stars to start and I will return when I am through the book and can elaborate more. So far, the explanations do help me and a person reading this book will be lead through many descriptions of the circuits given and they are described and explained very well. It helps for me to have been exposed to working circuits in the past in electronics classes and some limited theory in an electronics engineering basic course or two in college, but there is still some explanation I will need on a few of the concepts of potential energy reviews as I am in need of more study here. To this old novice, the explanations don't always come off the pages as well as I would like, but I've found that is me and with some more study of it, it will eventually come. I like this book, for most of it's delivery and detail and I do recommend this Kindle book to someone who is studying topic of electrical engineering as this is a very well written book about circuits. Its descriptions of circuits and components, gives the reader a good amount of knowledge about electric circuits and it also delivers a little information concerning the generation of power and electricity. I like this book a lot and recommend it for one who is interested in circuit explanation, of which each builds knowledge you take with you to the next circuit you will study.

I have read a lot of books on electronic circuits and/or electrical engineering. I am what you would call a "Maker" who is self educated in electrical engineering. When I read this book, the author laid out the fundamentals in a way that I could easily grasp. The explanations and step by step processing of the math used to analyze circuits is second to none. This book should be priced at around $20-$30, but for the few bucks I paid, I gained a lifetime understanding of the magic behind electrical circuits, and that is priceless. Thank you Sarah Allen for making this book available to me and the world! I look forward to more titles from you.

Having taken 1 High School Physics class 2 decades ago and 2 Semesters of College physics a decade & a half ago, this book was more nostalgia than review. I do recommend this book for anyone who has taken and passed basic high school science classes and needs a basic knowledge of electricity.

I have a background in electronics and I reviewed this e-book. I gave it 4 stars since the explanation does help a person to be exposed to circuit theory, but there still needs to be a more elaborate explanation on the potential energy section. To a novice, the present explanation is not completely

clear with some of the diagram. But for the most part, I would still recommend this e-book to someone who is starting in this field.

Short and not as thorough as it could be.

A great little book to refresh your brain on basic concepts in electronics. It is a easy book to understand and follow. Graphics to help you understand the concepts. Also great links to online app that help you further explore basic circuit concepts.

This is a very neatly written book about circuits. Humble in its descriptions it does not attempt an encyclopedic treatise on the subject but gives the reader a fair amount of knowledge about the subject of electric circuits even dwelling a little bit about the essentials of electricity and its generation. I liked the book very much.

I had hoped it would have more depth, but would be good for someone who has never had any experience in this field. Only talks about resistors. The author was able to explain basic concepts in terms that a young person could understand. Not what I was looking for.

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