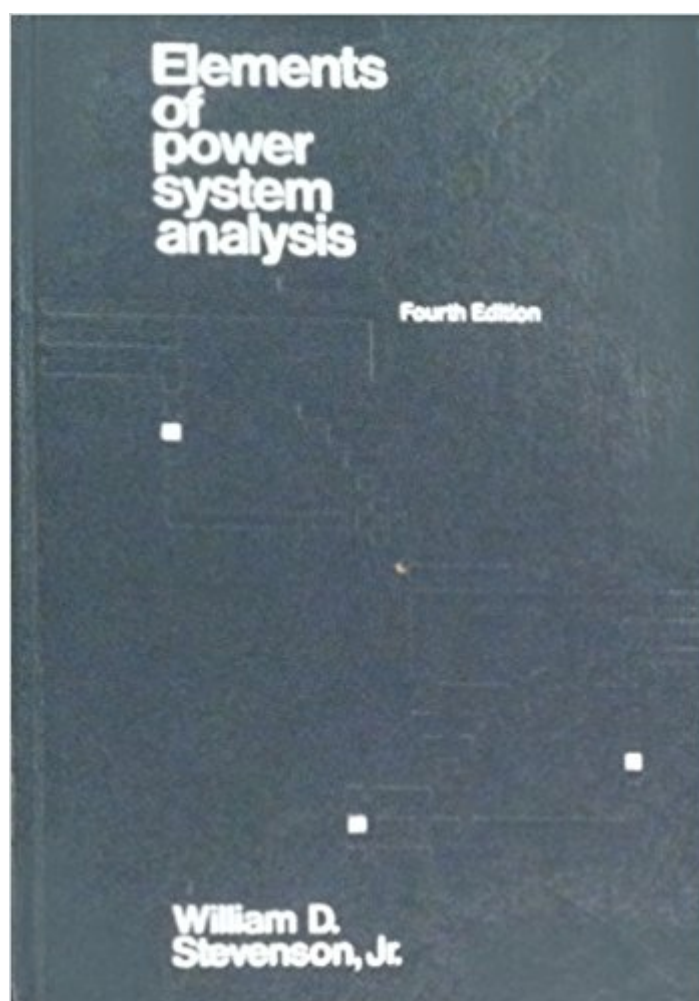


The book was found

Elements Of Power System Analysis (Mcgraw Hill Series In Electrical And Computer Engineering)



Synopsis

The approach is to develop the thinking process of the student in reaching a sound understanding of a broad range of topics in the power-system area of electrical engineering. Another goal is to promote the student's interest in learning more about the electric-power industry. The objective is not great depth, but the presentation is thorough enough to give the student the basic theory at a level that can be understood by the undergraduate.

Book Information

Series: McGraw Hill Series in Electrical and Computer Engineering

Hardcover: 436 pages

Publisher: McGraw-Hill College; 4 Sub edition (March 1982)

Language: English

ISBN-10: 0070612781

ISBN-13: 978-0070612785

Product Dimensions: 1 x 6.8 x 9.8 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 stars 15 customer reviews

Best Sellers Rank: #304,329 in Books (See Top 100 in Books) #37 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Power Systems #55 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Electric #565 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics

Customer Reviews

The approach is to develop the thinking process of the student in reaching a sound understanding of a broad range of topics in the power-system area of electrical engineering. Another goal is to promote the student's interest in learning more about the electric-power industry. The objective is not great depth, but the presentation is thorough enough to give the student the basic theory at a level that can be understood by the undergraduate.

In my EE undergrad program I found that the textbooks were terrible. Confusing, badly written, bad examples, skipping the basics. I finally asked a professor for some other recommendations. This is by far the best power systems book I have looked at. There are many many revisions of it, and eventually another author (Grainger) was added on to Stevenson, but the core of the information remains the same. The good and bad thing about power is that not that much has changed in the

last 60 or 70 years, so even an older textbook is still incredibly relevant. I ditched the textbook we were assigned and pretty much exclusively use this book. Even now at work I still reference this book to review concepts a couple of times a month.

I bought this book to prepare for the PE exam, mainly because of the other favorable reviews by those who were preparing for the exam. I sincerely wish we had used this text back at Rolla, but alas, we did not. This book has the very best explanation of symmetrical components that I have seen. Even though I did not fully grasp the concept back in my college days (> 20 years ago!), Stevenson managed to finally get the point across to me and the concept became ridiculously clear. I am no expert, but I finally understand the theory, and can apply it. And by the way, I did pass on my first attempt. This book was a great reference and it's not physically large, so it was very handy on exam day.

Excellent

A terrific and well written textbook.

This book is the best introduction to electric power systems . it combines the important aspects and formulas and physics required to be a good power systems engineer and is easy to understand. While is not well versed in today software, it should part of the engineer library. This is my third copy because I have loaned my other two copies to fellow engineers. Myself have noticed today engineers are well versed in software, but not on the basics of electrical engineering. Remember the MS engineer that confused the wind tower foundation re-bars with the grounding system of the tower. Not like a Ufer ground. Have it in your library. AMDG

Just a very nice explanation. I have some books and I have discovered the most of them are based in this. It's an old book but the explanation and the electrical principles has remain equals since years. You must have it! If I had this books when I studied I had learned very well, but I haven't that luck I studied with other book based on this a big big mistake. If you are student or if you have a job, you must have it!. If Stevenson were alive I really would like he had written a chapter about harmonics which it is not here.

Chapters 1-7 of Stevenson's Elements, insofar as they went, were poetic descriptions of abstract

power system principles. Nonetheless, Stevenson's masterpiece has been improved by the brilliant graphical explications in Grainger's recursion of it. Obviously, Grainger expands importantly on Stevenson with an additional 400 pages. Would that such an expensive text as Grainger simply include the CD with solutions to PROBLEMS, thus providing both equitable distribution of same in classrooms, and, outside the classroom, incentive and positive reinforcement to grapple with problems.

If you're an engineer or student having to deal with power systems in any way, this is the best book for you. I highly recommend this classic text. It is one of the best power systems books I've ever read, and it even includes excellent instruction on power system protection.

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

Elements of Power System Analysis (Mcgraw Hill Series in Electrical and Computer Engineering)
McGraw-Hill's National Electrical Code 2017 Handbook, 29th Edition (Mcgraw Hill's National Electrical Code Handbook) McGraw-Hill's National Electrical Code (NEC) 2017 Handbook, 29th Edition (Mcgraw Hill's National Electrical Code Handbook) McGraw-Hill's National Electrical Code 2011 Handbook (McGraw-Hill's National Electrical Code Handbook) McGraw-Hill's National Electrical Safety Code 2017 Handbook (Mcgraw Hill's National Electrical Safety Code Handbook) Electric Machinery Fundamentals (McGraw-Hill Series in Electrical and Computer Engineering) Fundamentals of Electrical Engineering (The Oxford Series in Electrical and Computer Engineering) Engineering Electromagnetics (Mcgraw-Hill Series in Electrical Engineering. Electromagnetics) Engineering Electromagnetics with CD (McGraw-Hill Series in Electrical Engineering) Analog Methods for Computer-Aided Circuit Analysis and Diagnosis (Electrical and Computer Engineering) Probabilistic Methods of Signal and System Analysis (The Oxford Series in Electrical and Computer Engineering) Power Systems Analysis (Prentice-Hall Series in Electrical and Computer Engineering) Product Management [McGraw-Hill/Irwin Series in Marketing] by Lehmann,Donald, Winer,Russell [McGraw-Hill/Irwin,2004] [Hardcover] 4TH EDITION McGraw-Hill's Dictionary of American Slang and Colloquial Expressions: The Most Up-to-Date Reference for the Nonstandard Usage, Popular Jargon, and Vulgarisms of Contempos (McGraw-Hill ESL References) Logic Circuits and Microcomputer Systems (McGraw-Hill series in electrical engineering) McGraw-Hill Education 500 Financial Accounting and Reporting Questions for the CPA Exam (McGraw-Hill's 500 Questions) McGraw-Hill Education 500 Auditing and Attestation Questions for the CPA Exam (McGraw-Hill's 500 Questions) McGraw-Hill Education 500 Business Environment and Concepts Questions for the CPA Exam (McGraw-Hill's 500 Questions) McGraw-Hill's 500 ACT English and Reading Questions

to Know by Test Day (Mcgraw Hill's 500 Questions to Know By Test Day) McGraw-Hill Education:
Top 50 ACT English, Reading, and Science Skills for a Top Score, Second Edition (Mcgraw-Hill
Education Top 50 Skills for a Top Score)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)