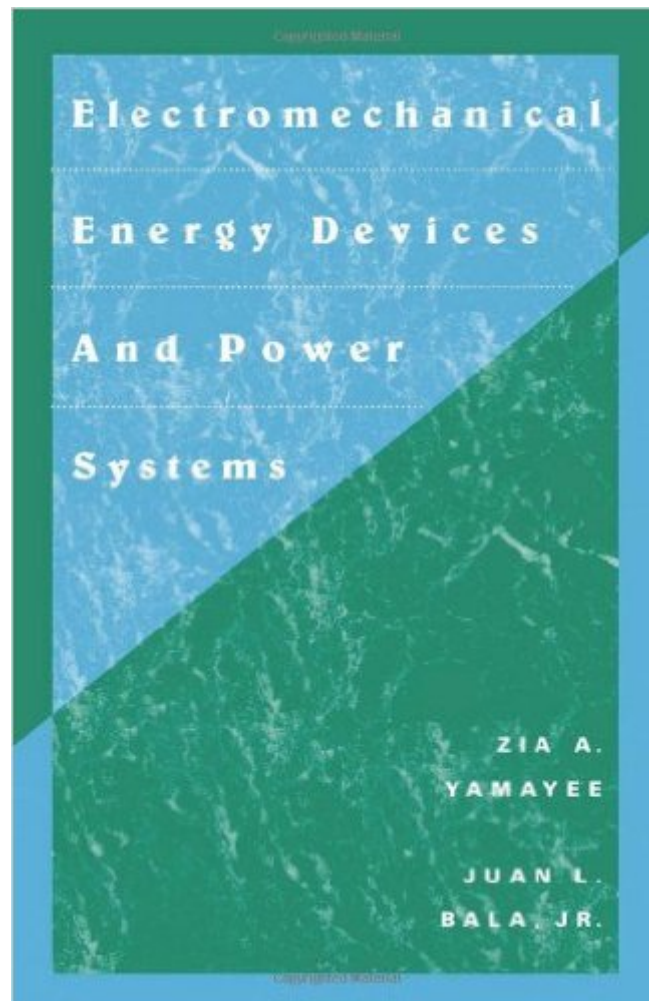


The book was found

# Electromechanical Energy Devices And Power Systems



## Synopsis

A thorough and understandable treatment of the topic, it introduces different energy sources and various electric energy conversion techniques. Presents an overview of the electric power system and its components. Reviews circuit and power concepts in electrical circuits. Covers magnetic circuits and transformers, fundamentals of rotating machines, theory and application of three-phase and single-phase induction motors, different power flow solution methods, the abnormal operating conditions of power systems including fault studies, system protection and power system stability. Contains scores of problems, examples, illustrations and diagrams.

## Book Information

Paperback: 503 pages

Publisher: Wiley; 1 edition (October 22, 1993)

Language: English

ISBN-10: 0471572179

ISBN-13: 978-0471572176

Product Dimensions: 6.1 x 1.2 x 9.1 inches

Shipping Weight: 1.9 pounds (View shipping rates and policies)

Average Customer Review: 3.0 out of 5 stars [See all reviews](#) (8 customer reviews)

Best Sellers Rank: #795,685 in Books (See Top 100 in Books) #126 in [Books > Engineering &](#)

[Transportation > Engineering > Electrical & Electronics > Electric Machinery & Motors](#) #1366

[in Books > Engineering & Transportation > Engineering > Energy Production & Extraction](#) #2326

[in Books > Engineering & Transportation > Engineering > Telecommunications & Sensors](#)

## Customer Reviews

1. This is a textbook for 3rd year electrical engineering students. Most people who read this book HAVE TO read it because it is a required text. The classic captive audience. 2. The author does not skip any more steps in his (her?) math derivations than other, similar books I have had to use. You're a 3rd year EE student: suck it up, kiddo. Break out some printer spew and a #2 pencil; I'm sure you can get from here to there. 3. Many authors provide numeric solutions to SOME of the homework problems. ALL OTHER AUTHORS provide numeric answers to DRILL (PRACTICE) problems so that the reader can see if s/he has got the hang of it. THIS AUTHOR did not give answers to ANY of problems, drill or homework, in the book. This limits the effectiveness of the book as a teaching tool. It would be nice if answers to the drill problems could be posted on the internet (Hint, hint.) 4. The authors language is adequate for the discussion of the subject matter -- three

phase power, transformers, induction motors, etc.5. The book is too damn expensive.

Dr. Bala, the co-author speaks perfect English, I know first hand, and the book is written in proper English as well, though I have seen some very minor grammatical mistakes consistent with the way he speaks. The lay out of the book was planned to best serve an introductory course for power engineering. It is not intended to function as a stand-alone guide. That being said, the book does have example problems, with complete solutions (not just answers). The authors' intent in writing a text with so many problems and few solutions was both for students to learn to derive solutions to problems, and to provide teachers with a broad spectrum of problems covering a variety of conceptual nuances which would be easy for someone understanding the topic to relate to students. In this manner students are forced to ask questions, gain intuition, and a genuine understanding for how to approach problems without relying on methodologies that comprehensive solutions would provide. It is a book not intended for technicians, but for understanding at the engineering level.

I used this book in my Junior year in School. As an EE/Math, this book is pretty good as far as the information goes in the book . This book doesn't overwhelm the reader with extra not required information. The CONCEPTS in this book are very clear as compare to the other two books I used. All what the author needs to do is to provide answers to the drill problems and some of the questions at the end of each chapter.

This book is really good and shows a tons of example that you can follow through. The only complain is that have not solutions for the exercises.

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

Electromechanical Energy Devices and Power Systems Reiki: The Healing Energy of Reiki - Beginner's Guide for Reiki Energy and Spiritual Healing: Reiki: Easy and Simple Energy Healing Techniques Using the ... Energy Healing for Beginners Book 1) Solar PV Off-Grid Power: How to Build Solar PV Energy Systems for Stand Alone LED Lighting, Cameras, Electronics, Communication, and Remote Site Home Power Systems Solar Electric Power Generation - Photovoltaic Energy Systems: Modeling of Optical and Thermal Performance, Electrical Yield, Energy Balance, Effect on Reduction of Greenhouse Gas Emissions Power Training: For Combat, MMA, Boxing, Wrestling, Martial Arts, and Self-Defense: How to Develop Knockout Punching Power, Kicking Power, Grappling Power, and Ground Fighting Power Solar Power: Proven Lessons How to Build Your Own Affordable Solar Power System: (Energy Independence, Lower Bills & Off

Grid Living) (Self Reliance, Solar Energy) Solar Power: How to Save A LOT of Money the Easy Way (Solar Power, Save Money, Solar Energy, Solar, Sustainable Energy, Sustainable Homes, Sustainability) Wind Power Guide - how to use wind energy to generate power (OneToRemember Energy Guides Book 1) Super Power Breathing: For Super Energy, High Health & Longevity (Bragg Super Power Breathing for Super Energy) Grid Integration and Dynamic Impact of Wind Energy (Power Electronics and Power Systems) Power Conversion and Control of Wind Energy Systems (IEEE Press Series on Power Engineering) Design of 3D Integrated Circuits and Systems (Devices, Circuits, and Systems) US Army Technical Manual, ARMY DATA SHEETS FOR CARTRIDGES, CARTRIDGE ACTUATED DEVICES AND PROPELLANT ACTUATED DEVICES, FSC 1377, TM 43-0001-39, 1991 Advanced Mos Devices (Modular Series on Solid State Devices, Vol 7) ISO 14971:2007, Medical devices - Application of risk management to medical devices Wind Power Basics: The Ultimate Guide to Wind Energy Systems and Wind Generators for Homes Seismic design with supplemental energy dissipation devices (Publication / Earthquake Engineering Research Institute) Design of Smart Power Grid Renewable Energy Systems Energy Storage in Power Systems Bulletproof Diet Cookbook For Beginners: Quick and Easy Recipes and Smoothies to Lose Fat and Increase Energy (Lose Up To A Pound A Day, Reclaim Energy and Focus, End Food Cravings)

[Dmca](#)