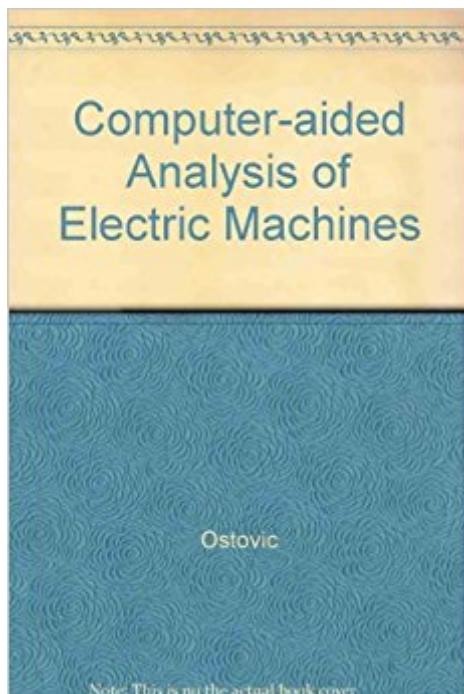


The book was found

Computer-Aided Analysis Of Electric Machines: A Mathematica Approach



Synopsis

This text is intended for undergraduate and graduate students on electric machines, electric drives and power systems courses in departments of electrical engineering. The text contains all the theory necessary for the understanding of electric machines. The application of mathematical algorithms in the book allows the reader to concentrate on the physical aspects of electric machines operation. The text: features coverage of three-dimensional analysis of the air gap quantities; gives the analysis of harmonic torque components in all types of electric machines, fed from sinusoidal or power electronic sources; provides numerical solution for circuits with nonlinear magnetic material, including hysteresis effects; and contains numerical analysis of transients in electric machines.

Book Information

Paperback: 544 pages

Publisher: Prentice Hall (April 1994)

Language: English

ISBN-10: 0130688592

ISBN-13: 978-0130688590

Product Dimensions: 1.2 x 7.2 x 9.8 inches

Shipping Weight: 1.7 pounds

Average Customer Review: Be the first to review this item

Best Sellers Rank: #930,323 in Books (See Top 100 in Books) #125 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Power Systems #142 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electric Machinery & Motors #1263 in Books > Computers & Technology > Computer Science > AI & Machine Learning

Customer Reviews

This book provides all the theory necessary for understanding electric machines. It applies Mathematica algorithms throughout allowing the reader to concentrate fully on the physical aspects of electric machines operations.

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

Computer-Aided Analysis of Electric Machines: A Mathematica Approach
Analog Methods for Computer-Aided Circuit Analysis and Diagnosis (Electrical and Computer Engineering)
Metal Fatigue Analysis Handbook: Practical Problem-solving Techniques for Computer-aided Engineering

Computer-Aided Electromyography (Progress in Clinical Neurophysiology, Vol. 10) Basic to Advanced Computer Aided Design using NX10: Modeling, Drafting and Assemblies What Do Pulleys and Gears Do? (What Do Simple Machines Do?) (What Do Simple Machines Do?) (What Do Simple Machines Do?) Electromechanical Systems, Electric Machines, and Applied Mechatronics (Electric Power Engineering Series) Electric Smoker Cookbook Smoke Meat Like a PRO: TOP Electric Smoker Recipes and Techniques for Easy and Delicious BBQ (Electric Smoker Cookbook, ... Smoker Recipes, Masterbuilt Smoker Cookbook) Fundamental Finite Element Analysis and Applications: with Mathematica and Matlab Computations 1st Grade Computer Basics : The Computer and Its Parts: Computers for Kids First Grade (Children's Computer Hardware Books) Mighty Monster Machines (Blaze and the Monster Machines) The Big Book of Blaze and the Monster Machines (Blaze and the Monster Machines) Mighty Monster Machines (Blaze and the Monster Machines) (Little Golden Book) Machines on a Construction Site (Machines At Work) Cranes (Machines at Work; Big Machines) Vintage Coca-cola Machines a Price and Identification Guide to Collectible Coolers and Machines AC-130H/U Gunships (Torque Books: Military Machines) (Torque: Military Machines (Library)) Strykers (Torque Books: Military Machines) (Torque: Military Machines (Library)) Structural Dynamics of Earthquake Engineering: Theory and Application Using Mathematica and Matlab (Woodhead Publishing Series in Civil and Structural Engineering) Grassmann Algebra Volume 1: Foundations: Exploring extended vector algebra with Mathematica

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)