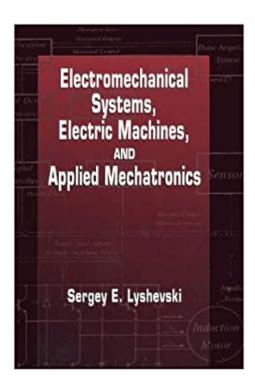


The book was found

Electromechanical Systems, Electric Machines, And Applied Mechatronics (Electric Power Engineering Series)





Synopsis

Recent trends in engineering show increased emphasis on integrated analysis, design, and control of advanced electromechanical systems, and their scope continues to expand. Mechatronics-a breakthrough concept-has evolved to attack, integrate, and solve a variety of emerging problems in engineering, and there appears to be no end to its application. It has become essential for all engineers to understand its basic theoretical standpoints and practical applications. Electromechanical Systems, Electric Machines, and Applied Mechatronics presents a unique combination of traditional engineering topics and the latest technologies, integrated to stimulate new advances in the analysis and design of state-of-the-art electromechanical systems. With a focus on numerical and analytical methods, the author develops the rigorous theory of electromechanical systems and helps build problem-solving skills. He also stresses simulation as a critical aspect of developing and prototyping advanced systems. He uses the MATLAB¢â ¢ environment for his examples and includes a MATLABââ ¢ diskette with the book, thus providing a solid introduction to this standard engineering tool. Readable, interesting, and accessible, Electromechanical Systems, Electric Machines, and Applied Mechatronics develops a thorough understanding of the integrated perspectives in the design and analysis of electromechanical systems. It covers the basic concepts in mechatronics, and with numerous worked examples, prepares the reader to use the results in engineering practice. Readers who master this book will know what they are doing, why they are doing it, and how to do it.

Book Information

Series: Electric Power Engineering Series (Book 3)

Hardcover: 800 pages

Publisher: CRC Press; 1 edition (October 27, 1999)

Language: English

ISBN-10: 0849322758

ISBN-13: 978-0849322754

Product Dimensions: 7 x 1.7 x 10 inches

Shipping Weight: 3.5 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,067,064 in Books (See Top 100 in Books) #149 inà Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Power Systems #243 inà Â Books > Engineering & Transportation > Engineering > Energy Production & Extraction >

Electric #297 inà Â Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics > Microelectronics

Download to continue reading...

Electromechanical Systems, Electric Machines, and Applied Mechatronics (Electric Power Engineering Series) Introduction to Mechatronics and Measurement Systems (Mechanical Engineering) Computational Methods for Electric Power Systems, Third Edition (Electric Power Engineering Series) Electromechanical Energy Devices and Power Systems Solar Power: The Ultimate Guide to Solar Power Energy and Lower Bills: (Off Grid Solar Power Systems, Home Solar Power System) (Living Off Grid, Wind And Solar Power Systems) State Estimation in Electric Power Systems: A Generalized Approach (Power Electronics and Power Systems) Electric Power Generation, Transmission, and Distribution, Third Edition (Electric Power Engineering Series) What Do Pulleys and Gears Do? (What Do Simple Machines Do?) (What Do Simple Machines Do?) (What Do Simple Machines Do?) Electromechanical Motion Devices The Engineering Design of Systems: Models and Methods (Wiley Series in Systems Engineering and Management) Systems Engineering and Analysis (5th Edition) (Prentice Hall International Series in Industrial & Systems Engineering) Electric Power System Basics for the Nonelectrical Professional (IEEE Press Series on Power Engineering) 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 Power Pivot and Power BI: The Excel User's Guide to DAX, Power Query, Power BI & Power Pivot in Excel 2010-2016 Electric Power Substations Engineering, Third Edition (Electrical Engineering Handbook) Tissue Engineering I: Scaffold Systems for Tissue Engineering (Advances in Biochemical Engineering/Biotechnology) (v. 1) Electrical Insulation for Rotating Machines: Design, Evaluation, Aging, Testing, and Repair (IEEE Press Series on Power Engineering) Principles of Electric Machines and Power Electronics Principles of Electric Machines and Power Electronics, 3rd Edition 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)

Contact Us

DMCA

Privacy

FAQ & Help