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KEY=POWER - MCMAHON JENNINGS

ELELCTRICAL POWER SYSTEMS

ELECTRICAL POWER SYTEMS, 5E (PB)

ELECTRICAL POWER SYSTEM

NETWORKS AND SYSTEMS

KHANNA PUBLISHING HOUSE This book is intended to serve as a textbook for BE., B. Tech, students of Electrical, Electronics, Computer, Instrumentation, Control and communication Engineering. It will also serve as a text reference for the students of diploma in Engineering. AMIE, GATE, UPSC Engineering services, IAS candidate would also find the book extremely useful. Subject matter in each chapter developed systematically from first principles. Written in a very simple language. Simple and clear explanation of concepts. Large number of carefully selected worked examples. Most simplified methods used. Step-by-step procedures given for solving problems. Ideally suited for self-study.

POWER SYSTEM ANALYSIS AND DESIGN

Cengage Learning The new edition of **POWER SYSTEM ANALYSIS AND DESIGN** provides students with an introduction to the basic concepts of power systems along with tools to aid them in applying these skills to real world situations. Physical concepts are highlighted while also giving necessary attention to mathematical techniques. Both theory and modeling are developed from simple beginnings so that they can be readily extended to new and complex situations. The authors incorporate new tools and material to aid students with design issues and reflect recent trends in the field. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

ELECTRIC AND HYBRID VEHICLES

DESIGN FUNDAMENTALS

CRC Press A thoroughly revised third edition of this widely praised, bestselling textbook presents a comprehensive systems-level perspective of electric and hybrid vehicles with emphasis on technical aspects, mathematical relationships and basic design guidelines. The emerging technologies of electric vehicles require the dedication of current and future engineers, so the target audience for the book is the young professionals and students in engineering eager to learn about the area. The book is concise and clear, its mathematics are kept to a necessary minimum and it contains a well-balanced set of contents of the complex technology. Engineers of multiple disciplines can either get a broader overview or explore in depth a particular aspect of electric or hybrid vehicles. Additions in the third edition include simulation-based design analysis of electric and hybrid vehicles and their powertrain components, particularly that of traction inverters, electric machines and motor drives. The technology trends to incorporate wide bandgap power electronics and reduced rare-earth permanent magnet electric machines in the powertrain components have been highlighted. Charging stations are a critical component for the electric vehicle infrastructure, and hence, a chapter on vehicle interactions with the power grid has been added. Autonomous driving is another emerging technology, and a chapter is included describing the autonomous driving system architecture and the hardware and software needs for such systems. The platform has been set in this book for system-level simulations to develop models using various softwares used in academia and industry, such as MATLAB®/Simulink, PLECS, PSIM, Motor-CAD and Altair Flux. Examples and simulation results are provided in this edition using these software tools. The third

edition is a timely revision and contribution to the field of electric vehicles that has reached recently notable markets in a more and more environmentally sensitive world.

ELECTRICAL POWER SYSTEMS

New Age International **About the Book:** Electrical power system together with Generation, Distribution and utilization of Electrical Energy by the same author cover almost six to seven courses offered by various universities under Electrical and Electronics Engineering curriculum. Also, this combination has proved highly successful for writing competitive examinations viz. UPSC, NTPC, National Power Grid, NHPC, etc.

POWER SYSTEM ANALYSIS

McGraw-Hill Science Engineering **This updated edition includes:** coverage of power-system estimation, including current developments in the field; discussion of system control, which is a key topic covering economic factors of line losses and penalty factors; and new problems and examples throughout.

ELECTRICAL POWER SYSTEMS

ANALYSIS, SECURITY AND DEREGULATION

PHI Learning Pvt. Ltd. **This textbook introduces electrical engineering students to the most relevant concepts and techniques in three major areas today in power system engineering, namely analysis, security and deregulation. The book carefully integrates theory and practical applications. It emphasizes power flow analysis, details analysis problems in systems with fault conditions, and discusses transient stability problems as well. In addition, students can acquire software development skills in MATLAB and in the usage of state-of-the-art software tools such as Power World Simulator (PWS) and Siemens PSS/E. In any energy management/operations control centre, the knowledge of contingency analysis, state estimation and optimal power flow is of utmost importance. Part 2 of the book provides comprehensive coverage of these topics. The key issues in electricity deregulation and restructuring of power systems such as Transmission Pricing, Available Transfer Capability (ATC), and pricing methods in the context of Indian scenario are discussed in detail in Part 3 of the book. The book is interspersed with problems for a sound understanding of various aspects of power systems. The questions at the end of each chapter are provided to reinforce**

the knowledge of students as well as prepare them from the examination point of view. The book will be useful to both the undergraduate students of electrical engineering and postgraduate students of power engineering and power management in several courses such as Power System Analysis, Electricity Deregulation, Power System Security, Restructured Power Systems, as well as laboratory courses in Power System Simulation.

INTELLIGENT COMPUTING TECHNIQUES FOR SMART ENERGY SYSTEMS

PROCEEDINGS OF ICTSES 2018

Springer Nature The book compiles the research works related to smart solutions concept in context to smart energy systems, maintaining electrical grid discipline and resiliency, computational collective intelligence consisted of interaction between smart devices, smart environments and smart interactions, as well as information technology support for such areas. It includes high-quality papers presented in the International Conference on Intelligent Computing Techniques for Smart Energy Systems organized by Manipal University Jaipur. This book will motivate scholars to work in these areas. The book also prophesies their approach to be used for the business and the humanitarian technology development as research proposal to various government organizations for funding approval.

SIGNALS AND SYSTEMS

PHI Learning Pvt. Ltd. This comprehensive text on control systems is designed for undergraduate students pursuing courses in electronics and communication engineering, electrical and electronics engineering, telecommunication engineering, electronics and instrumentation engineering, mechanical engineering, and biomedical engineering. Appropriate for self-study, the book will also be useful for AMIE and IETE students. Written in a student-friendly readable manner, the book explains the basic fundamentals and concepts of control systems in a clearly understandable form. It is a balanced survey of theory aimed to provide the students with an in-depth insight into system behaviour and control of continuous-time control systems. All the solved and unsolved problems in this book are classroom tested, designed to illustrate the topics in a clear and thorough way. **KEY FEATURES :** Includes several fully worked-out examples to help students master the concepts involved. Provides short questions with answers at the end of each chapter to help students prepare for exams confidently. Offers fill in the blanks and objective type questions with answers at the end of each chapter to quiz students on key learning points. Gives chapter-end review questions and problems to assist students in reinforcing their knowledge.

BUILDING CONSTRUCTION HANDBOOK

Routledge **Ideal for students on all construction courses** Topics presented concisely in plain language and with clear drawings Updated to include revisions to Building and Construction regulations The Building Construction Handbook is THE authoritative reference for all construction students and professionals. Its detailed drawings clearly illustrate the construction of building elements, and have been an invaluable guide for builders since 1988. The principles and processes of construction are explained with the concepts of design included where appropriate. Extensive coverage of building construction practice, techniques, and regulations representing both traditional procedures and modern developments are included to provide the most comprehensive and easy to understand guide to building construction. This new edition has been updated to reflect recent changes to the building regulations, as well as new material on the latest technologies used in domestic construction. Building Construction Handbook is the essential, easy-to-use resource for undergraduate and vocational students on a wide range of courses including NVQ and BTEC National, through to Higher National Certificate and Diploma, to Foundation and three-year Degree level. It is also a useful practical reference for building designers, contractors and others engaged in the construction industry.

POWER SYSTEM ANALYSIS

McGraw-Hill This is an introduction to power system analysis and design. The text contains fundamental concepts and modern topics with applications to real-world problems, and integrates MATLAB and SIMULINK throughout.

ELECTRICAL MACHINES

Cambridge University Press Offers key concepts of electrical machines embedded with solved examples, review questions, illustrations and open book questions.

COMPREHENSIVE DICTIONARY OF ELECTRICAL ENGINEERING

Springer Science & Business Media Complete coverage of all fields of electrical engineering. The book provides workable definitions for practicing engineers, while serving as a reference and research tool for students, and offering practical information for scientists and engineers in other disciplines. Areas examined include applied electrical, microwave, control, power, and digital systems engineering, plus device electronics.

ELECTRIC POWER TRANSMISSION AND DISTRIBUTION

Pearson Education India **Electric Power Transmission and Distribution** is a comprehensive text, designed for undergraduate courses in power systems and transmission and distribution. A part of the electrical engineering curriculum, this book is designed to meet the requirements of students taking elementary courses in electric power transmission and distribution. Written in a simple, easy-to-understand manner, this book introduces the reader to electrical, mechanical and economic aspects of the design and construction of electric power transmission and distribution systems.

DIGITAL SIGNAL PROCESSING

A COMPUTER BASED APPROACH

McGraw-Hill Companies **Digital Signal Processing: A Computer-Based Approach** is intended for a two-semester course on digital signal processing for seniors or first-year graduate students. Based on user feedback, a number of new topics have been added to the third edition, while some excess topics from the second edition have been removed. The author has taken great care to organize the chapters more logically by reordering the sections within chapters. More worked-out examples have also been included. The book contains more than 500 problems and 150 MATLAB exercises. New topics in the third edition include: short-time characterization of discrete-time signals, expanded coverage of discrete-time Fourier transform and discrete Fourier transform, prime factor algorithm for DFT computation, sliding DFT, zoom FFT, chirp Fourier transform, expanded coverage of z-transform, group delay equalization of IIR digital filters, design of computationally efficient FIR digital filters, semi-symbolic analysis of digital filter structures, spline interpolation, spectral factorization, discrete wavelet transform.

FUNDAMENTALS OF POWER SYSTEM PROTECTION

PHI Learning Pvt. Ltd.

SWITCHGEAR AND POWER SYSTEM PROTECTION

PHI Learning Pvt. Ltd.

HYDROLOGY IN PRACTICE

CRC Press **Hydrology in Practice** is an excellent and very successful introductory text for engineering hydrology students who go on to be practitioners in consultancies, the Environment Agency, and elsewhere. This fourth edition of **Hydrology in Practice**, while retaining all that is excellent about its predecessor, by Elizabeth M. Shaw, replaces the material on the Flood Studies Report with an equivalent section on the methods of the Flood Estimation Handbook and its revisions. Other completely revised sections on instrumentation and modelling reflect the many changes that have occurred over recent years. The updated text has taken advantage of the extensive practical experience of the staff of JBA Consulting who use the methods described on a day-to-day basis. Topical case studies further enhance the text and the way in which students at undergraduate and MSc level can relate to it. The fourth edition will also have a wider appeal outside the UK by including new material on hydrological processes, which also relate to courses in geography and environmental science departments. In this respect the book draws on the expertise of Keith J. Beven and Nick A. Chappell, who have extensive experience of field hydrological studies in a variety of different environments, and have taught undergraduate hydrology courses for many years. Second- and final-year undergraduate (and MSc) students of hydrology in engineering, environmental science, and geography departments across the globe, as well as professionals in environmental protection agencies and consultancies, will find this book invaluable. It is likely to be the course text for every undergraduate/MSc hydrology course in the UK and in many cases overseas too.

PRINCIPLES OF POWER SYSTEM

INCLUDING GENERATION, TRANSMISSION, DISTRIBUTION, SWITCHGEAR AND PROTECTION : FOR B.E/B.TECH., AMIE AND OTHER ENGINEERING EXAMINATIONS

S. Chand Publishing The subject of power systems has assumed considerable importance in recent years and growing demand for a compact work has resulted in this book. A new chapter has been added on Neutral Grounding.

PRINCIPLES OF ELECTRICAL MACHINES

S. Chand Publishing For over 15 years "Principles of Electrical Machines" is an ideal text for students who look to gain a current and clear understanding of the subject as all theories and concepts are explained with lucidity and clarity.

Succinctly divided in 14 chapters, the book delves into important concepts of the subject which include Armature Reaction and Commutation, Single-phase Motors, Three-phase Induction motors, Synchronous Motors, Transformers and Alternators with the help of numerous figures and supporting chapter-end questions for retention.

GENERATION OF ELECTRICAL ENERGY, 7TH EDITION

S. Chand Publishing **Generation of Electrical Energy** is written primarily for the undergraduate students of electrical engineering while also covering the syllabus of AMIE and act as a refresher for the professionals in the field. The subject itself is now rejuvenated with important new developments. With this in view, the book covers conventional topics like load curves, steam generation, hydro-generation parallel operation as well as new topics like new sources of energy generation, hydrothermal coordination, static reserve reliability evaluation among others.

FRONTLINE PAKISTAN

THE STRUGGLE WITH MILITANT ISLAM

Columbia University Press **Veteran Pakistani journalist and commentator Zahid Hussain** explores Pakistan's complex political power web and the consequences of Musharraf's decision to support America's drive against jihadism, which essentially took Pakistan to war with itself. Conducting exclusive interviews with key players and grassroots radicals, Hussain pinpoints the origin of the jihadi movement in Pakistan and Afghanistan, the long-standing and often denied links between militants and Pakistani authorities, the weaknesses of successive elected governments, and the challenges to Musharraf's authority posed by politico-religious, sectarian, and civil society elements within the country. The jihadi madrassas of Pakistan are incubators of the most feared terrorists in the world. Although the country's "war on terror" has so far been a stage show, a very real battle is looming, the outcome of which will have grave implications for the future security of the world.

POWER SYSTEM ENGINEERING

Enlarged and revised chapter 1 on introduction to Power System Analysis New chapters on Voltage Stability Underground Cables Insulators for Overhead Lines Mechanical Design of Transmission Lines Neutral Grounding Corona High Voltage DC (HVDC) Transmisson.

ELASTICITY

THEORY, APPLICATIONS, AND NUMERICS

Elsevier Although there are several books in print dealing with elasticity, many focus on specialized topics such as mathematical foundations, anisotropic materials, two-dimensional problems, thermoelasticity, non-linear theory, etc. As such they are not appropriate candidates for a general textbook. This book provides a concise and organized presentation and development of general theory of elasticity. This text is an excellent book teaching guide. Contains exercises for student engagement as well as the integration and use of MATLAB Software Provides development of common solution methodologies and a systematic review of analytical solutions useful in applications of

PROCEEDINGS OF INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTING, INFORMATION AND CONTROL SYSTEMS

ICICCS 2020

Springer Nature This book is a collection of papers presented at the International Conference on Intelligent Computing, Information and Control Systems (ICICCS 2020). It encompasses various research works that help to develop and advance the next-generation intelligent computing and control systems. The book integrates the computational intelligence and intelligent control systems to provide a powerful methodology for a wide range of data analytics issues in industries and societal applications. The book also presents the new algorithms and methodologies for promoting advances in common intelligent computing and control methodologies including evolutionary computation, artificial life, virtual infrastructures, fuzzy logic, artificial immune systems, neural networks and various neuro-hybrid methodologies. This book is pragmatic for researchers, academicians and students dealing with mathematically intransigent problems.

A TEXTBOOK OF STRENGTH OF MATERIALS

(IN S.I. UNITS)

Laxmi Publications

HANDBOOK OF E-BUSINESS SECURITY

CRC Press There are a lot of e-business security concerns. Knowing about e-business security issues will likely help overcome them. Keep in mind, companies that have control over their e-business are likely to prosper most. In other words, setting up and maintaining a secure e-business is essential and important to business growth. This book covers state-of-the art practices in e-business security, including privacy, trust, security of transactions, big data, cloud computing, social network, and distributed systems.

A COURSE IN POWER SYSTEMS

BASIC ELECTRICAL ENGINEERING

S. Chand Publishing This book is designed based on revised syllabus of JNTU, Hyderabad (AICTE model curriculum) for under-graduate (B.Tech/BE) students of all branches, those who study Basic Electrical Engineering as one of the subject in their curriculum. The primary goal of this book is to establish a firm understanding of the basic laws of Electric Circuits, Network Theorems, Resonance, Three-phase circuits, Transformers, Electrical Machines and Electrical Installation.

TRANSFORMERS AND GENERATORS

Technical Publications The importance of transformers and generators is well known in the various engineering fields. The book provides comprehensive coverage of the various types of transformers, d.c. generators and synchronous generators (alternators). The book starts with the brief review of single phase transformer. It continues to discuss no load and on load performance of transformers, phasor diagrams, equivalent circuit, voltage regulation and all day efficiency of transformer. The detailed discussion of open and short circuit tests and predetermination of regulation and efficiency is also included in the book. The chapter on three phase transformer provides the detailed discussion of construction, three phase transformer connections and phasor groups. The book also explains parallel operation of transformers, tap changing transformer, autotransformers, cooling of transformers and three winding transformer. The various testing methods of transformers are also incorporated in the book. The book covers all the details of d.c. generators including construction, armature reaction, commutation, characteristics and applications. The chapters on synchronous generators starts with the explanation of basics of synchronous generators including construction,

winding details, e.m.f. equation and effect of harmonics on induced e.m.f. The book then explains the concept of armature reaction, phasor diagrams, regulation and various methods of finding the regulation of alternator. Stepwise explanation and simple techniques used to elaborate these methods is the feature of this book. The book further explains the concept of synchronization of alternators, two reaction theory and parallel operation of alternators. The book uses plain, lucid language to explain each topic. The book provides the logical method of explaining the various complicated topics and stepwise methods to make the understanding easy. Each chapter is well supported with necessary illustrations, self explanatory diagrams and variety of solved problems. The book explains the philosophy of the subject which makes the understanding of the concepts very clear and makes the subject more interesting.

ADVANCED ENGINEERING MATHEMATICS WITH MATLAB

CRC Press In the four previous editions the author presented a text firmly grounded in the mathematics that engineers and scientists must understand and know how to use. Tapping into decades of teaching at the US Navy Academy and the US Military Academy and serving for twenty-five years at (NASA) Goddard Space Flight, he combines a teaching and practical experience that is rare among authors of advanced engineering mathematics books. This edition offers a smaller, easier to read, and useful version of this classic textbook. While competing textbooks continue to grow, the book presents a slimmer, more concise option. Instructors and students alike are rejecting the encyclopedic tome with its higher and higher price aimed at undergraduates. To assist in the choice of topics included in this new edition, the author reviewed the syllabi of various engineering mathematics courses that are taught at a wide variety of schools. Due to time constraints an instructor can select perhaps three to four topics from the book, the most likely being ordinary differential equations, Laplace transforms, Fourier series and separation of variables to solve the wave, heat, or Laplace's equation. Laplace transforms are occasionally replaced by linear algebra or vector calculus. Sturm-Liouville problem and special functions (Legendre and Bessel functions) are included for completeness. Topics such as z-transforms and complex variables are now offered in a companion book, *Advanced Engineering Mathematics: A Second Course* by the same author. MATLAB is still employed to reinforce the concepts that are taught. Of course, this Edition continues to offer a wealth of examples and applications from the scientific and engineering literature, a highlight of previous editions. Worked solutions are given in the back of the book.

HANDBOOK OF ELECTRICAL DESIGN DETAILS

McGraw Hill Professional **A COMPREHENSIVE SOURCE OF TECHNICAL DETAILS ON ELECTRICAL POWER FROM GENERATION TO PRACTICAL APPLICATIONS** Reliable, low-cost electric power is a fundamental requirement for modern society, making possible such vital services as lighting, HVAC, transportation, communication, and data processing, in addition to driving motors of all sizes. A mainstay of industrial productivity and economic prosperity, it is also essential for safeguarding human life and health. This handbook is a valuable information resource on electric power for everyone from technical professionals to students and laypeople. This compact, user-friendly edition updates and expands on the earlier edition. Its core content of power generation, distribution, lighting, wiring, motors, and project planning has been supplemented by new topics: * CAD for preparing electrical drawings and estimates * Basic switch and receptacle circuit wiring * Structured wiring for multimedia * Swimming pool and low-voltage lighting * Electrical surge protection An easy-to-read style makes complex topics understandable. It's a must-have reference for those with a need or desire to get up to speed on the entire subject of electric power or just familiarize themselves with the latest advances--regardless of their formal education or training. Reader-helpful features in this edition include: * Up-front chapter summaries to save time in finding topics of interest. * References to related articles in the National Electrical Code. * A bibliography identifying additional sources for digging deeper. * Approximately 300 illustrations

NUMERICAL MODELLING AND DESIGN OF ELECTRICAL MACHINES AND DEVICES

WIT Press This text provides an overview of numerical field computational methods and, in particular, of the finite element method (FEM) in magnetics. Detailed attention is paid to the practical use of the FEM in designing electromagnetic devices such as motors, transformers and actuators. Based on the authors' extensive experience of teaching numerical techniques to students and design engineers, the book is ideal for use as a text at undergraduate and graduate level, or as a primer for practising engineers who wish to learn the fundamentals and immediately apply these to actual design problems. Contents: Introduction; Computer Aided Design in Magnetics; Electromagnetic Fields; Potentials and Formulations; Field Computation and Numerical Techniques; Coupled Field Problems; Numerical Optimisation; Linear System Equation Solvers; Modelling of Electrostatic and Magnetic Devices; Examples of Computed Models.

SMART AGRICULTURE AN APPROACH TOWARDS BETTER AGRICULTURE MANAGEMENT

This edited book, **Smart Agriculture: An Approach towards Better Agriculture Management** aims to present utilization of advanced technologies towards the better management of Agriculture requirements. The book is triggered by ubiquitous applications of sensors and actuators, and the real-world challenges and complexities to the **Wireless Sensors and Actuator Networks_z (WSAN)** application. Agriculture is a very vast domain. This book is providing coverage of some of the aspects of the agriculture like **Introduction to the concept of Smart Agriculture, Automatic Irrigation Management, Water Management, use of advanced technology like GIS towards Agriculture and Agricultural Ontologies** to provide semantic understanding for computing devices.

BLENDER 3D BY EXAMPLE

Packt Publishing Ltd **Design a complete workflow with Blender to create stunning 3D scenes and films step-by-step!**
About This Book Give life to a character within a full animated short film by learning the rigging and animation process
Make use of the powerful tools available in Blender to produce professional-quality 3D characters and environments
Discover advanced techniques by adding fur to a character, creating a grass field, and fine-tuning a shot with post-processing effects to enhance your creations
Who This Book Is For This book will give any beginner the necessary skills and knowledge to create own 3D projects with Blender. You don't need to have any previous experience in 3D modeling, but if you do, then this book is a great way get you started with Blender. This book is for anyone who wants to learn Blender by creating concrete projects.
What You Will Learn Understand the basics of 3D and how to navigate your way around the Blender interface
Create a 3D robot toy model from start to finish using the basic modeling tools of Blender
Make a full alien character using the skin mesh modifier and the sculpting tools with an artistic approach
Use re-topology techniques to create a clean 3D version of the previously sculpted alien
Model a full haunted house and its environment using more advanced modeling tools and techniques such as the Array Modifier, Instance duplication, or Curves
Discover the power of the texture paint tool in order to add color to the haunted house
Get to know the Cycles render engine by creating different materials for the house and the environment
In Detail Blender is a powerful tool, stable, with an integral workflow that will allow you to understand your learning of 3D creation with serenity. Today, it is considered to be one of the most complete 3D packages on the market and it is free and open source! It is very efficient for many types of productions, such as 3D animated or live action films, architecture, research, or even game creation with its integrated game engine and its use of the Python language. Moreover,

Blender has an active community that contributes to expanding its functionalities. Today, it is used in many professional products and by many companies. Through this book, you will create many types of concert projects using a step-by-step approach. You will start by getting to know the modeling tools available in Blender as you create a 3D robot toy. Then, you will discover more advanced techniques such as sculpting and re-topology by creating a funny alien character. After that, you will create a full haunted house scene. For the last project, you will create a short film featuring a rat cowboy shooting cheese in a rat trap! This will be a more complex project in which you learn how to rig, animate, compose advanced material, composite, and edit a full sequence. Each project in this book will give you more practice and increase your knowledge of the Blender tools. By the end of this book, you will master a workflow that you will be able to apply to your own creations. Style and approach This is an easy-to-follow book that is based on four concrete projects, with increasing levels of difficulty. Each chapter will teach you how to create these projects step-by-step. New tools and techniques are introduced in a theoretical and practical way, so you can apply them in your own projects later.

ELECTRICAL MACHINES-I

KHANNA PUBLISHING HOUSE This book is written so that it serves as a text book for B.E./B.Tech degree students in general and for the institutions where AICTE model curriculum has been adopted. **TOPICS COVERED IN THIS BOOK:-** Magnetic field and Magnetic circuit Electromagnetic force and torque D.C. Machines D.C. Machines-Motoring and Generation **SALIENT FEATURES:-** Self-contained, self-explanatory and simple to follow text. Numerous worked out examples. Well Explained theory parts with illustrations. Exercises, objective type question with answers at the end of each chapter.

ELECTRICAL ENGINEERING PRINCIPLES

ELECTRIC MACHINERY FUNDAMENTALS

Electric Machinery Fundamentals continues to be a best-selling machinery text due to its accessible, student-friendly coverage of the important topics in the field. Chapman's clear writing persists in being one of the top features of the book. Although not a book on MATLAB, the use of MATLAB has been enhanced in the fourth edition. Additionally, many new problems have been added and remaining ones modified. Electric Machinery Fundamentals is also accompanied by a website that provides solutions for instructors, as well as source code, MATLAB tools, and links to

important sites for students.