

Ashfaq Hussain Electrical Machines

Network Protection & Automation Guide
 Objective Electrical, Electronic and Telecommunication Engineering
 Principles of Electrical Machines
 Power Semiconductor Controlled Drives
 The Pakistan Garrison State: Origins, Evolution, Consequences (1947-2011)
 Electric Machines
 Fundamentals of Power System Protection
 Electrical Machines and Drives
 Electrical and Electronics Measurements and Instrumentation
 Power System Analysis
 Electrical Power Systems, 5e (PB)
 Theory & Performance Of Electrical Machines
 Fundamentals of Electrical Drives
 Electric Machines
 Textbook of Refrigeration and Air Conditioning
 Numerical Modelling and Design of Electrical Machines and Devices
 Electrical Power System
 A Textbook Of Electrical Machines
 Innovative Mobile and Internet Services in Ubiquitous Computing
 Elements of Production Planning and Control
 Electric Machinery Fundamentals
 Utilisation of Electrical Power
 Technical Communication
 Theory of Machines
 Transformers and Generators
 Electrical Machines - I
 Fitzgerald & Kingsley's Electric Machinery
 Electrical Engineering Principles
 Networks and Systems
 Electrical Power System Essentials
 Electrical Machines-I
 A Meeting of Streams
 Electrical Power Systems
 Governing the Ungovernable
 Control Systems (As Per Latest Jntu Syllabus)
 Environmental Degradation: Causes and Remediation Strategies
 Power Electronics
 An Integrated Course In Electrical Engineering (3rd Edition)
 C4.5
 Electrical Power System

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Network Protection & Automation Guide Springer

The compliance of this book is helpful for academicians, researchers, students, as well as other people seeking the relevant material in current trends of studies on the topic of environmental degradation.

Objective Electrical, Electronic and Telecommunication Engineering S. Chand Publishing
 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.

Principles of Electrical Machines McGraw-Hill Education

This book is a complete guide to the C4.5 system as implemented in C for the UNIX environment. It contains a comprehensive guide to the system's use, the source code (about 8,800 lines), and implementation notes.

Power Semiconductor Controlled Drives PHI Learning Pvt. Ltd.

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.

The Pakistan Garrison State: Origins, Evolution, Consequences (1947-2011) OUP Pakistan

Based on William Stevenson's classic, Elements of Power System Analysis, this new senior/graduate text offers a completely modern update of this popular textbook. Covering such topics as power flow, power-system stability and transmission lines, the book teaches the fundamental topics of power system analysis accompanied by logical discussions and numerous examples.

Electric Machines Seagull Books Pvt Ltd

The Multicolor Edition Has Been thoroughly revised and brought up-to-date. Multicolor pictures have been added to enhance the content value and to give the students and idea of what he will be dealing in reality, and to bridge the gap between theory and Practice.

Fundamentals of Power System Protection Oxford University Press, USA

Pakistan, since its independence in 1947, had to face tumultuous years for the first four decades. Despite the many challenges, both internal and external, the country was able to register a 6 per cent average annual growth rate during the first forty years of its existence. The country was ahead of India and Bangladesh in all economic and social indicators. Since 1990, the country has fallen behind its neighbouring countries and has had a decline in the growth rate. This book attempts to examine the reasons behind this slowdown, the volatile and inequitable growth of the last twenty-five years, and through a process of theoretical and empirical evidence argues that the most powerful explanatory hypothesis lies in the decay of institutions of governance. It also suggests a selective and incremental approach of restructuring some key public institutions that pertain to accountability, transparency, security, economic growth, and equity.

Electrical Machines and Drives WIT Press

This seventh edition of Fitzgerald and Kingsley's Electric Machinery by Stephen Umans was

developed recognizing the strength of this classic text since its first edition has been the emphasis on building an understanding of the fundamental physical principles underlying the performance of electric machines. Much has changed since the publication of the first edition, yet the basic physical principles remain the same, and this seventh edition is intended to retain the focus on these principles in the context of today's technology.

Electrical and Electronics Measurements and Instrumentation Springer

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.

Power System Analysis CRC Press

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.

Electrical Power Systems, 5e (PB) Oxford University Press, USA

SCOTT (copy 4) The Hédi Bouraoui Collection in Maghrebian and Franco-Ontario Literatures is the gift of University Professor Emeritus Hédi Bouraoui.

Theory & Performance Of Electrical Machines KHANNA PUBLISHING HOUSE

A Textbook on Electrical Technology

Fundamentals of Electrical Drives New Age International

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.

Electric Machines Tsar Publications

While writing the book, we have continuously kept in mind the examination requirements of the students preparing for U.P.S.C.(Engg. Services) and A.M.I.E.(I) examinations. In order to make this volume more useful for them, complete solutions of their examination papers up to 1975 have also been included. Every care has been taken to make this treatise as self-explanatory as possible. The subject matter has been amply illustrated by incorporating a good number of solved, unsolved and well graded examples of almost every variety.

Textbook of Refrigeration and Air Conditioning S. Chand Publishing

Encouraged by the response to the first edition and to keep pace with recent developments, *Fundamentals of Electrical Drives*, Second Edition incorporates greater details on semi-conductor controlled drives, includes coverage of permanent magnet AC motor drives and switched reluctance motor drives, and highlights new trends in drive technology. Contents were chosen to satisfy the changing needs of the industry and provide the appropriate coverage of modern and conventional drives. With the large number of examples, problems, and solutions provided, *Fundamentals of Electrical Drives*, Second Edition will continue to be a useful reference for practicing engineers and for those preparing for Engineering Service Examinations.

Numerical Modelling and Design of Electrical Machines and Devices John Wiley & Sons

Focuses on the first control systems course of BTech, JNTU, this book helps the student prepare for further studies in modern control system design. It offers a profusion of examples on various aspects of study.

Electrical Power System Vikas Publishing House

The text material has been restructured to provide a more balanced and exhaustive coverage of the subject. The text discusses the core concepts of technical communication and explains them with the help of numerous examples and practice exercises. The book also provides support for soft skills laboratory sessions through a companion CD. With its in-depth coverage and practical orientation, the book is useful not only for students, but also as a reference material for corporate training programmes.

A Textbook Of Electrical Machines KHANNA PUBLISHING HOUSE

This book presents the latest research findings, methods and development techniques related to Ubiquitous and Pervasive Computing (UPC) as well as challenges and solutions from both theoretical and practical perspectives with an emphasis on innovative, mobile and internet services. With the

proliferation of wireless technologies and electronic devices, there is a rapidly growing interest in Ubiquitous and Pervasive Computing (UPC). UPC makes it possible to create a human-oriented computing environment where computer chips are embedded in everyday objects and interact with physical world. It also allows users to be online even while moving around, providing them with almost permanent access to their preferred services. Along with a great potential to revolutionize our lives, UPC also poses new research challenges.

Innovative Mobile and Internet Services in Ubiquitous Computing S. Chand Publishing

The importance of various electrical machines is well known in the various engineering fields. The book provides comprehensive coverage of the magnetic circuits, magnetic materials, single and three phase transformers and d.c. machines. The book is structured to cover the key aspects of the course *Electrical Machines - I*. The book starts with the explanation of basics of magnetic circuits, concepts of self and mutual inductances and important magnetic materials. Then it explains the fundamentals of single phase transformers including the construction, phasor diagram, equivalent circuit, losses, efficiency, methods of cooling, parallel operation and autotransformer. The chapter on three phase transformer provides the detailed discussion of construction, connections, phasor groups, parallel operation, tap changing transformer and three winding transformer. The various testing methods of transformers are also incorporated in the book. The book further explains the concept of electromechanical energy conversion including the discussion of singly and multiple excited systems. Then the book covers all the details of d.c. generators including construction, armature reaction, commutation, characteristics, parallel operation and applications. The book also includes the details of d.c. motors such as characteristics, types of starters, speed control methods, electric braking and permanent magnet d.c. motors. Finally, the book covers the various testing methods of d.c. machines including Swinburne's test, brake test, retardation test and Hopkinson's test. 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. All the chapters are arranged in a proper sequence that permits each topic to build upon earlier studies. The book explains the philosophy of the subject which makes the understanding of the concepts very clear and makes the subject more interesting.

Elements of Production Planning and Control Morgan Kaufmann

A study of power semiconductor controlled drives that contain dc, induction and synchronous motors. Discusses the dynamics of motor and load systems; open and closed-loop drives; and thyristor, power transistor, and GTO converters. Also reviews arc drives, brushless and commutatorless dc drives, and rectifier controlled dc drives. Annotation copyrighted by Book News, Inc., Portland, OR