
D P Kothari Basic Electrical Engineering Book

Basic Electrical Engineering

3

Linux

Modern Power System Analysis

Electric Machines

Basic Electrical Engineering

Basic Electrical Engineering (Be 104)

Basic Electrical and Instrumentation Engineering

Embedded Systems

Analog and Digital

Basic Electrical Engineering

Power System Engineering

BASIC ELECTRICAL ENGINEERING

Basic Electrical Engineering, 4e

An Introduction to Reactive Power Control and Voltage Stability in Power

Transmission Systems

Electrical Engineering and Instrumentation

Fundamentals of Electrical Engineering

Architecture, Programming and Design

Power System Protection and Communications

THEORY AND PROBLEMS OF BASIC ELECTRICAL ENGINEERING

Power System Engineering, 3e

BASIC ELECTRICAL ENGG 3E

Basic Electrical Engineering

The Foundations of Electric Circuit Theory

Basic Electrical Engineering

Basic Electrical Engineering

Basic Electrical Engineering

Electrical and Electronics Materials

Electric Machines (Sigma)

Basic Electrical Engg 3E

ELECTRONICS

Electric Machines (Sigma)

Laboratory Manual for Electrical Machines

RENEWABLE ENERGY SOURCES AND EMERGING TECHNOLOGIES

Second Edition

Modern Power System Analysis

THEORY AND PROBLEMS OF BASIC ELECTRICAL ENGINEERING,, Second Edition

ELECTRIC MACHINES 4E

Basic Electrical and Electronics Engineering:

*D P Kothari
Basic
Electrical
Engineering
Book*

*Downloaded
from
ftp.wtvq.com
by
guest*

WILLIAMSON SHAMAR

PHI Learning Pvt. Ltd.
This hallmark text on Power System Engineering has been revised extensively to bring in several new topics and update the contents with the latest technological developments. The book now covers the complete undergraduate syllabus of Power System Engineering course. All topics are supported with examples employing two/three/four bus structures.

Basic Electrical Engineering

PHI Learning Pvt. Ltd.

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.

3 McGraw-Hill Education

This hallmark text on Power System Engineering provides the readers a comprehensive account of all key concepts in the field. The book includes latest technology developments and talks about some crucial areas of Power system, such as Transmission & Distribution, Analysis & Stability, and Protection & Switchgear. With its rich content, it caters to the requirements of students, instructors, and professionals.

Linux Tata McGraw-Hill Education

The book comprehends the latest Anna University syllabus on the course Electrical Engineering and Instrumentation which is designed for the third year ECE students of Anna University. The book has a perfect blend of focused content coverage and solved Anna University question papers which will be extremely handy to the students. Salient features - Crisp content strictly as per the latest Anna University syllabus of Electrical Engineering and Instrumentation (Code:EE63S2) - Previous Anna University solved

questions are appropriately incorporated as: • Long Questions: Tagged with text • Short Questions: End of the chapter - Rich pedagogy: • Solved examples: 214 • Solved Two Marks questions: 381 • Review Questions: 308 • MCQs: 155 • Illustrations: 487

Modern Power System Analysis PHI Learning Pvt. Ltd.

Basic Electrical and Electronics Engineering provides an overview of the basics of electrical and electronic engineering that are required at the undergraduate level. The book allows students outside electrical and electronics engineering to easily

Electric Machines New Academic Science

This sigma Series book on Electric Machines deals with the fundamentals of the subject through problem solving technique and provides innumerable solved, unsolved problems along with review and objective type questions. Features Complete coverage of fundamentals of electrical machines. Emphasis is placed on the basic concepts, theorems, and problem-solving techniques. Each chapter

begins with brief theoretical explanation needed for solving the related problems. 1640 problems given in the book.

Basic Electrical Engineering Springer Nature

This comprehensive book with a blend of theory and solved problems on Basic Electrical Engineering has been updated and upgraded in the Second Edition as per the current needs to cater undergraduate students of all branches of engineering and to all those who are appearing in competitive examinations such as AMIE, GATE and graduate IETE. The text provides a lucid yet exhaustive exposition of the fundamental concepts, techniques and devices in basic electrical engineering through a series of carefully crafted solved examples, multiple choice (objective type) questions and review questions. The book covers, in general, three major areas: electric circuit theory, electric machines, and measurement and instrumentation systems.

Basic Electrical Engineering (Be 104) Tata McGraw-Hill Education

This text, intended for the

students pursuing postgraduate programmes in Electrical Engineering, focuses special attention on the implications of reactive power in voltage stability of transmission systems. The basic concepts of power system stability and other operational aspects have been discussed. Both the advanced and the practical aspects have been highlighted. Modern concepts and applications, theoretical as well as simulated study, have been presented wherever necessary. In brief, the text presents a complete overview of the research and engineering aspects of the problem of stability, suitable both for academics and practising engineers, along with a brief historical review of the concerned topics. In some instances the authors have included some of their own research results while maintaining the uniformity of overall treatment of the book. The text is replete with examples and is backed up by analytical derivations and physical interpretations, wherever considered necessary.

Basic Electrical and Instrumentation

Engineering John Wiley & Sons

The book features selected high-quality papers presented at the International Conference on Computing, Power and Communication Technologies 2019 (GUCON 2019), organized by Galgotias University, India, in September 2019. Divided into three sections, the book discusses various topics in the fields of power electronics and control engineering, power and energy systems, and machines and renewable energy. This interesting compilation is a valuable resource for researchers, engineers and students.

Embedded Systems McGraw-Hill Education

This book is designed based on revised syllabus of Gujarat Technological University, Gujarat (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.

Analog and Digital S.

Chand

This sigma Series book on Electric Machines deals with the fundamentals of the subject through problem solving technique and provides innumerable solved, unsolved problems along with review and objective type questions. Features Complete coverage of fundamentals of electrical machines. Emphasis is placed on the basic concepts, theorems, and problem-solving techniques. Each chapter begins with brief theoretical explanation needed for solving the related problems. 1640 problems given in the book.

Basic Electrical

Engineering McGraw-Hill Education

This book, now in its Second Edition, is an introductory text on renewable energy sources, technologies and their applications—a subject which is becoming increasingly important worldwide. This edition includes two new chapters that introduce contemporary practices in renewable technologies. It also discusses issues on environmental degradation and its

reasons and remedies.

Besides this, a large number of numerical problems to correlate theory with typical values and chapter-end review questions are also given to reinforce the understanding of the subject matter. Written in an accessible style, this text is designed to serve the needs of undergraduate students in electrical, mechanical and civil engineering disciplines. It will also be useful for all higher-level courses in energy programmes and multi-disciplinary postgraduate courses in science and engineering. NEW TO THIS EDITION : Inclusion of two new chapters—'Hybrid Systems' and 'Environment, Energy and Global Climate Change'. A new section on Distributed Energy System and Dispersed Generation. Appendices on • Smart grid and grid system in India • Remote village electrification with renewable energy sources • Indian Electricity Act 2003, which supports exploration of Renewable Energy. SALIENT FEATURES : Provides balanced introduction to all aspects of solar energy conversion including PV technology. Gives comprehensive coverage

of all facets of wind power development. Explains small hydropower projects with illustrative figures.

Emphasises the importance of availability of biofuel from Jatropa plant. Special attention is given to 'gas hydrates' and 'hydrogen energy' sources. Fuel cells are explained as per the latest technology available. Harnessing of ocean energy is dealt with in detail. Utilisation of biomass and solid waste for energy recovery is emphasised.

Power System

Engineering Laxmi

Publications, Ltd.

Basic Electrical Engineering, 4eMcGraw-

Hill Education

BASIC ELECTRICAL ENGINEERING Alpha

Science International, Limited

The restructuring of the electric utility industry has generated the need for a mechanism that can successfully coordinate the different entities in a power market, enabling them to communicate effectively and efficiently, and to perform optimally and reliably. Power System Protection and Communications is an important book to primarily address the fundamental issues on electrical protection which

is essential in understanding the generation, transmission and distribution of electricity. There is always a need to provide education in the theory and practice of protection engineering, for engineers and technical personnel, because of its importance in design and operation of the power system. The definitions of the individual components of distributed functions are presented in detail, including the different possible allocation of sub-functions and functional elements in physical devices. Secondly, the book examines in detail the importance of communication between power systems-discussing relevant issues such as the protocols, middleware, communication architecture, information embedded power systems and fibre optic network infrastructure. CONTENTS: Basic Principles Network Analysis and Fault Calculations Earth Fault and Interferences Relaying Transducers Overcurrent Protection Fuses Distance/Impedance Protection Protection of Transformers Unit, Remote and Back-Up Protection Communication

Principle Protocols
Middleware Information
Embedded Power System
Fibre Optic Network
Infrastructure
Basic Electrical Engineering, 4e Tata McGraw-Hill Education
ELECTRICAL AND ELECTRONICS MATERIAL discusses in several chapters conducting material, semi-conducting material, insulating material and magnetic material. It also contains material for electronic components describing IC fabrication. Some advanced topics like materials for MHD generator, LASER and fiber-optic etc. and special purpose materials such as nano-material, optical material, nuclear engineering material and material for space applications have also been covered in the text. Each concept has been discussed with a number of solved problems, objective type and short answer type questions at the end of each chapter. This book is especially designed for the undergraduate and polytechnic students of Electrical and Electronics Engineering and Electrical Engineering.
An Introduction to Reactive Power Control and Voltage Stability in

Power Transmission Systems McGraw-Hill Education
Electrical and instrumentation engineering is changing rapidly, and it is important for the veteran engineer in the field not only to have a valuable and reliable reference work which he or she can consult for basic concepts, but also to be up to date on any changes to basic equipment or processes that might have occurred in the field. Covering all of the basic concepts, from three-phase power supply and its various types of connection and conversion, to power equation and discussions of the protection of power system, to transformers, voltage regulation, and many other concepts, this volume is the one-stop, "go to" for all of the engineer's questions on basic electrical and instrumentation engineering. There are chapters covering the construction and working principle of the DC machine, all varieties of motors, fundamental concepts and operating principles of measuring, and instrumentation, both from a "high end" point of view and the point of view of developing countries,

emphasizing low-cost methods. A valuable reference for engineers, scientists, chemists, and students, this volume is applicable to many different fields, across many different industries, at all levels. It is a must-have for any library.

Electrical Engineering and Instrumentation Tata McGraw-Hill Education Laboratory Manual for Electrical Machines (2nd edition) includes four new experiments in electrical machines so that it can cater to the complete syllabus of undergraduate laboratory courses of electrical machines. This book gives the basic information to the students with the machine phenomenon, working principles and testing methods, etc. It also imparts real physical understanding of various types of electrical machines. The main attraction of this laboratory manual is its power point presentation for all experiments. This manual is meant for electrical engineering students of B.E. and B.Tech and polytechnics.

Fundamentals of

Electrical Engineering

S. Chand Publishing
This book is designed to help the first-year engineering students in building their concepts in the course of Basic Electrical Engineering, It introduces the subject in a simple and lucid manner for a better understanding. It adopts a student friendly approach with many solved examples and unsolved questions. This book will serve as a stepping stone for students in understanding the course efficiently. It provides complete coverage of MAKAUT 2018 syllabu. Architecture, Programming and Design Tata McGraw-Hill Education
Basic Electrical Engineering is a core course for the first-year students of all engineering disciplines across the country. This course enables them to apply the basic concepts of Electrical engineering for multi-disciplinary tasks, and lays the foundation for higher level courses in electrical and electronics engineering

degrees. An established hallmark, this revised edition of the book continues to dwell on all the key concepts and applications in the field and covers the subject in its entirety. Curated with great care, it provides an unmatched exposure to the fundamentals of Electricity, Network theory, Electric machines and Measuring instruments. Rich pool of problems and appendices enhance the utility of the book and make it a lasting resource for students as well as instructors.

Power System Protection and Communications

Pearson Education India

This hallmark text on Basic Electrical Engineering provides concise and balanced account of all key concepts as well as applications in the field. With the liberal use of practical illustrations and numerous exercises, it offers an unparalleled exposure to Electricity Fundamentals, Network Theory, Electromagnetism, Electric Machines, Transformers, and Measuring Instruments.