
Basic Electrical Engineering

Nagrath Kothari

ELECTRIC MACHINES 4E

Linux

Principles of Electrical Machines

THEORY AND PROBLEMS OF BASIC ELECTRICAL ENGINEERING,, Second Edition

Electric Machines

Power System Engineering

Strategic management: A Conceptual Framework

Power System Protection and Switchgear

Fundamentals of Electrical Engineering

Basic Electrical and Electronics Engineering

ELECTRONICS

Power System Analysis

THEORY AND PROBLEMS OF BASIC ELECTRICAL ENGINEERING

Embedded Systems

Basic Electrical Engineering

Basic Electrical Engineering

Fundamentals of Electrical Engineering

Basic Electrical Engineering

Modern Power System Analysis

Basic Electrical and Electronics Engineering | Second Edition

Control Systems (As Per Latest Jntu Syllabus)

A Textbook of Electrical Technology - Volume IV

Basic Electrical and Electronics Engineering

Basic Electronics

Modern Power System Analysis

Electric Machines

Architecture, Programming and Design

Basic Electrical Engineering

Basic Electrical and Electronics Engineering:

Basic Electrical Engineering

Linear Control Systems With Matlab Applications

Electrical Power Systems

Basic Electrical Engineering, 4e

Electrical Engineering and Instrumentation

A Textbook of Applied Electronics

Modelling and Analysis

Second Edition

*Basic Electrical
Engineering Nagrath
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DOMINIQUE MORRIS

ELECTRIC MACHINES 4E 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

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.

Principles of Electrical Machines Tata McGraw-Hill Education

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.

THEORY AND PROBLEMS OF BASIC ELECTRICAL ENGINEERING,, Second Edition 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.

Electric Machines Tata McGraw-Hill Education

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.

Power System Engineering PHI Learning Pvt. Ltd.

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.

Strategic management: A Conceptual Framework New Age International

Basic Electrical Engineering, 4e McGraw-Hill Education

Tata McGraw-Hill Education

A Textbook of Electrical Technology (Vol. IV) Multicolor pictures have been added to enhance the content value and give to the students an idea of what he will be dealing in reality and to bridge the gap between theory and practice. A notable feature is the inclusion of chapter on Flip-Flops and related Devices as per latest development in the subject. Latest tutorial problems and objective type questions specially for GATE have been included at relevant places.

Power System Protection and Switchgear
McGraw-Hill Education

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.

Fundamentals of Electrical Engineering
Basic Electrical Engineering, 4e

The book gives an exhaustive exposition of the fundamental concepts, techniques and devices in Basic Electronics Engineering. The book covers the basic course in basic electronics of almost all the Indian technical universities and some foreign universities as well. It is particularly well suited undergraduate students of all Engineering disciplines. Diploma students of EEE and ECE will find useful too. Basic Electronics is designed as the one-stop solution for those attempting to teach as well as study a course on Basic Electronics. The carefully developed pedagogy will help

the instructor pick thought-provoking questions for tutorials and examinations, as well as allow plenty of practice for the students. Salient Features • Approach modular, and exposition of subject matter through illustrations • Block-diagrams and circuit diagrams used aplenty to enhance understanding • Pedagogy count and features: • Solved Examples- 136 • MCQs- 189 • Review Questions- 235 • Problems- 163 • Diagrams- 409

Basic Electrical and Electronics

Engineering 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.

ELECTRONICS McGraw-Hill Education

Overview: This new edition provides an excellent foundation to the theory of electromechanical devices with emphasis on rotating electric machines. The theory and applications of various machines are treated at appropriate places in the book. a number of solved examples and practice problems along with MATLAB examples are given in the book to facilitate problem solving skills.

Features: □ New chapter on 'Generalized Theory of Electric Machines' □ Exhaustive treatment of rotating electric machines in easy language. □ Detailed description of Transformers, DC Machines, Induction Machines and Synchronous Machines. □ Enhanced coverage of Permanent Magnet Materials and their applications.

Power System Analysis S. Chand
The present book has been thoroughly revised and lot of useful material has been added .saveral photographs of electronic devices and their specifications sheets have been included.This will help the students to have a better understanding of the electrinic devices and circuits from application point of view.the mistake and misprints,which has crept in,have been eliminated in this edition.

THEORY AND PROBLEMS OF BASIC ELECTRICAL ENGINEERING S. Chand Publishing

Basic Electrical and Electronics Engineering is a renowned book that attempts to provide a thorough coverage on basics of electrical and electronics engineering in a single volume. This second edition of the book has been carefully revised to include important topics like domestic wiring, electrical installations, instrument transformers, battery, etc. Written in a lucid manner, it enables the learners to apply the basic concepts of electrical and electronics engineering for multi-disciplinary tasks and lays the foundation for higher level courses. Rich pool of problems and appendices enhance the utility of the book and make it a lasting resource for students and instructors of all branches of engineering.

Embedded Systems S. Chand Publishing
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 Firewall Media

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

Basic Electrical Engineering Oxford Series in Electrical and Computer Engineering

Divided into four parts: circuits,

electronics, digital systems, and electromagnetics, this text provides an understanding of the fundamental principles on which modern electrical engineering is based. It is suitable for a variety of electrical engineering courses, and can also be used as a text for an introduction to electrical engineering.

Fundamentals of Electrical Engineering
Tata McGraw-Hill Education

The second edition of this book has been updated and enlarged, especially the chapters on digital electronics. In the analog part, several additions have been made wherever necessary. Also, optical devices and circuits have been introduced. Analog electronics spans semiconductors, diodes, transistors, small and large-signal amplifiers, OPAMPs and their applications. Both BJT and JFET, and MOSFET are treated parallelly so as to highlight their similarities and dissimilarities for thorough understanding of their parameters and specifications. The digital electronics covers logic gates, combinational circuits, IC families, number systems codes, adders/subtractors, flip-flops, registers and counters. Sequential circuits, memories and D/A and A/D convertor circuits are especially stressed. Fabrication technology of integrated devices and circuits have also been dealt with. Besides, many new examples and problems have been added section-wise. The text is written in simple yet rigorous manner with profusion of

illustrative examples as an aid to clear understanding. The student can self-study several portions of the book with minimal guidance. A solution manual is available for the teachers.

Basic Electrical Engineering McGraw-Hill Education

For the first time in India, we have a comprehensive introductory book on Basic Electrical Engineering that caters to 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 book 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.

Modern Power System Analysis 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.