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Electrical Engineering Materials McGraw-Hill

High-Voltage Engineering is a renowned book that provides a comprehensive discussion on core concepts of the subject area. Written in simple manner, the book provides a holistic understanding of the working principles, advantages and disadvantages of HVE systems to the readers. This sixth edition of the book is thoroughly revised to include latest information on insulating materials, breakdown phenomena, and overvoltage. It also provides an in-depth discussion on different high-voltage testing techniques, and applications of high-voltage engineering. The book caters the needs of final-year undergraduate students or postgraduate students of Electrical Engineering, Electronics Engineering, and Applied Physics. It will be equally handy for engineers involved in design and development of electrical equipment, electricity supply and utility establishments.

Introduction to Electrical Engineering Tata McGraw-Hill Education

The fourth edition of "Principles and Applications of Electrical Engineering" provides comprehensive coverage of the principles of electrical, electronic, and electromechanical engineering to non-electrical engineering majors. Building on the success of previous editions, this text focuses on relevant and practical applications that will appeal to all engineering students.

Principles of Electrical Engineering Tata McGraw-Hill Education

Up-to-date coverage of every facet of electric power in a single volume This fully revised, industry-standard resource offers practical details on every aspect of electric power engineering. The book contains in-depth discussions from more than 100 internationally recognized experts. Generation, transmission, distribution, operation, system protection, and switchgear are thoroughly explained. Standard Handbook for Electrical Engineers, Seventeenth Edition, features brand-new sections on measurement and instrumentation, interconnected power grids, smart grids and microgrids, wind power, solar and photovoltaic power generation, electric machines and transformers, power system analysis, operations, stability and protection, and the electricity market. Coverage includes:

- Units, symbols, constants, definitions, and conversion factors
- Measurement and instrumentation
- Properties of materials
- Interconnected power grids
- AC and DC power transmission
- Power distribution
- Smart grids and microgrids
- Wind power generation
- Solar power generation and energy storage
- Substations and switch gear
- Power transformers, generators, motors, and drives
- Power

electronics

- Power system analysis, operations, stability, and protection
- Electricity markets
- Power quality and reliability
- Lightning and overvoltage protection
- Computer applications in the electric power industry
- Standards in electrotechnology, telecommunications, and IT

Standard Handbook for Electrical Engineers, Seventeenth Edition Tata McGraw-Hill Education

The book discusses the properties, characteristics, applications and limitations of engineering materials. Its emphasis is on materials available locally. It also incorporates useful data from the manufacturer's catalogues. The book gives a comprehensive coverage of the subject, with numerous illustrations for easy understanding. ISI standards are quoted wherever applicable. The book will server as an excellent text for diploma. Degree and AMIE Students. It will also be a valuable reference book for industrial organizations.

Electronic Engineering Materials and Devices McGraw Hill Professional
Primarily this text aims at establishing a firm understanding of the basic laws of Electric Circuits and developing a working knowledge of methods of analysis used most frequently in Electrical Engineering .This book also provides a comprehensive insight.

Fundamentals of Electrical Engineering Tata McGraw-Hill Education

A power systems text which incorporates MATLAB and SIMULINK. It provides an introduction to power system operation, control and analysis.

THEORY AND PROBLEMS OF BASIC ELECTRICAL ENGINEERING Tata McGraw-Hill Education

Presents an exposition of the basic facets of electrical and electronics engineering. Begining with a general introduction to the basic concepts in electrical engineering, this book goes on to explain electrostatic fields and batteries. It explains the basic concepts and techniques in circuit analysis.

Principles & Applications Of Electrical Engineering Tata 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.

Electrical Engineering Science McGraw-Hill Companies

Engineering Circuit Analysis Tata McGraw-Hill Education

Electrical Engineering Materials McGraw Hill Professional

Basic Electrical Engineering Laxmi Publications, Ltd.

Standard Handbook of Electronic Engineering PHI Learning Pvt. Ltd.

Basic Electrical Engineering

Introduction to Electrical Engineering

Basic Electrical Engineering

Principles and Applications of Electrical Engineering

Basic Electrical Engineering

Basic Electrical Engineering

Principles of Electrical Engineering