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Comprehensive Dictionary of Electrical Engineering S. Chand Publishing
For the students are pursuing of BSc. Engineering, B.E. & B.Tech in electronics and electrical engineering, diploma in electronics & communication etc. The Basic Electrical and Electronics Engineering book covers the production and distribution of power and the manufacturing of electrical and electronics components used in a number of sectors including construction, building and technology. The book covers basics of electricity, electrical circuits, laws of electricity, electromagnetism, electrical mechanics, Sinusoid and Phasor. It also provides basic laws of electronics, semiconductors and digital electronics.

Heavy Electrical Engineering Passing the Power PE Exam
The Beginner's Guide to Engineering series is designed to provide a very simple, non-technical introduction to the fields of engineering for people with no experience in the fields. Each book in the series focuses on introducing the reader to the various concepts in the fields of engineering conceptually rather than mathematically. These books are a great resource for high school students that are considering majoring in one of the engineering fields, or for anyone else that is curious about engineering but has no background in the field. Books in the series: 1. The Beginner's Guide to Engineering: Chemical Engineering 2. The Beginner's Guide to Engineering: Computer Engineering 3. The Beginner's Guide to Engineering: Electrical Engineering 4. The Beginner's Guide to Engineering: Mechanical Engineering

Electrical Engineering for All Engineers Springer
This handbook has been designed for the aspirants of IES, GATE, PSUs and other competitive examinations. This specialized book for Electrical Engineering has been divided into 14 units each containing detailed theoretical content. Key terms in each unit have been given with their definitions. Every topic is taken up separately along with Key Points and notes. All the formulae used have been well illustrated and diagrams have been given for theoretical analysis. This book covers almost 100% syllabus of Electrical Engineering making it the only book for multipurpose quick revision and ensuring success in IES, GATE, PSUs and other competitive examinations. Appendix has been given at the end of the book.

Principles of Electrical Engineering S. Chand Publishing
Electrical units - Measuring devices - Direct-current circuit - Resistors - Cells and batteries - Magnetism - Inductance - Capacitance - Phase - Transformers - Semiconductors - Diodes - Amplifiers - Oscillators - Data transmission.

Electrical Engineering for Non-Electrical Engineers, Second Edition McGraw-Hill Education
This book is also available through the Introductory Engineering Custom Publishing System. If you are interested in creating a course-pack that includes chapters from this book, you can get further information by calling 212-850-6272 or sending email inquiries to engineerjwiley.com. Designed to meet the problems facing today's engineers. Offers detailed discussions of all electrical engineering systems--instrumentation, control, communications, computers and power. Introduces a new concept by using a specific example and then proceeding to the generalization. Frequent usage of non-electrical analogies enhance comprehension. All chapters contain problems followed by study questions. New problems have been added, particularly easy drill puzzlers.

Principles of Electrical Engineering and Electronics Career Examination
Basic Of Concepts • D.C. Circuit Analaysis • Network Theorem • A. C. Fundamentals • Analysis Of Single Phase A.C. Circuit • Three Phase A.C. Circuit • Measuring Instruments • Introduction To Power System • Magnetic Circuits • Single Phase Trasformer • D.C. Machines • Induction Motors • Three Phase Synchronus Machaines Papers Index

Basic Electrical Engineering Elsevier
A Textbook for the students of B.Sc.(Engg.), B.E., B.Tech., AMIE and Diploma Courses. A new chapter on ""Semiconductor Fabrication Technology and Miscellaneous Semiconductor Devices"" had been included and additional self-assessment questions with answers and additional worked examples had been provided at the end of the BOOK.

Study Guide for Fundamentals of Engineering (FE) Electrical and Computer CBT Exam Pearson Education India
Students will quickly understand the popularity of this helpful sourcebook--the first edition sold 46,000 copies! The chief emphasis is on solving realistic problems, hundreds of which are included with detailed solutions. This popular study guide concisely yet clearly covers all the areas taught in two-semester survey courses and serves as an ideal review for electrical engineers and others looking for high ratings on the Professional Engineer's Examination.

Electrical and Electronics Engineering S. Chand Publishing
First published in 1945, this book maintains its original aims - to reflect the state-of-the-art in electrical science and technology, and to cater for the needs of practising engineers.

Notes of Lectures on Electrical Engineering Tata McGraw-Hill Education
Real-world engineering problems are rarely, if ever, neatly divided into mechanical, electrical, chemical, civil, and other categories. Engineers from all disciplines eventually encounter computer and electronic controls and instrumentation, which require at least a basic knowledge of electrical and other engineering specialties, as well as associa

Basic Electrical Engineering Irwin Professional Publishing
“Fundamentals of Electrical Engineering and Electronics” is a useful book for undergraduate students of electrical engineering and electronics as well as B.Sc. Electronics. The book discusses concepts such as Network Analysis, Capacitance, Electromagnetic Induction, Motors Circuits and Diodes in an easy to relate and thereby understand manner. Designed in accordance with the syllabi of most major universities, the book is an essential resource for anyone aspiring to learn the fundamentals and teaches students much about the subject itself. A book which has seen, foreseen and incorporated changes in the subject for more than 50 years, it continues to be one of the most sought after texts by the students.

Fundamentals of Electrical Engineering Mercury Learning and Information
This book provides over 2,500 questions and answers for various types of electrical engineering exams or as a general review of key concepts. It covers all of the aspects of electrical engineering topics including electrical circuits, electromagnetic theory, measurements, control systems, computers, electronics, material science, machines, power systems, blockchain, and more. FEATURES Uses multiple choice questions and their answers in a “self-study format” to review key concepts in electrical engineering and related topics Provides over 2500 questions for reviewing a variety of topics including circuits, measurement, information and blockchain technology, power systems, electronics, and more

Fundamentals of Electrical Engineering and Electronics Arihant Publications India limited
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.

Handbook Series of Electrical Engineering S. Chand Publishing
Principles of Electrical Engineering Materials and Devices has been developed to bridge the gap between traditional electronic circuits texts and semiconductor texts

A Course in Electrical Engineering Materials Forgotten Books
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

Electrical Engineering Materials Butterworth-Heinemann
This book is designed to serve as a resource for exploring and understanding basic electrical engineering concepts, principles, analytical and mathematical strategies that will aid the reader in progressing their electrical engineering knowledge to intermediate or advanced levels. The study of electrical engineering concepts, principles and analysis techniques is made relatively easy for the reader by inclusion of most of the reference data, in form of excerpts from different parts of the book, within the discussion of each case study, exercise and self-assessment problem solution. This is done in an effort to facilitate quick study and comprehension of the material without repetitive search for reference data in other parts of the book. To this new edition the author has introduced a new chapter on batteries where the basic, yet important, facets of the battery and its sustainable and safe operation is covered. The reader will be shown the not-so-obvious charging and discharging performance characteristics of batteries that can be determining factors in the selection, application and optimal performance of batteries.

Electrical Engineer's Reference Book S. Chand Publishing
The Assistant Electrical Engineer Passbook(R) prepares you for your test by allowing you to take practice exams in the subjects you need to study. It provides hundreds of questions and answers in the areas that will likely be covered on your upcoming exam.

Microwave Engineering Knowledge Flow
Electrical Engineering Has Been Written As A Core Course For All Engineering Students Viz. Electronics And Communication, Computer Engineering, Civil, Mechanical Engineering Etc. Since This Course Will Normally Be Offered At The First Year Level Of Engineering, The Author Has Made Modest Effort To Give In A Concise Form Various Features Of Electrical Engineering Using Simple Language And Through Solved Examples Avoiding The Rigorous Of Mathematics.The Salient Features Of The Book Are: * Steady State Analysis Of A.C. Circuits Explained. * Network Theorems Explained Using Typical Examples. * Analysis Of 3-Phase Circuits And Measurement Of Power In These Circuits Explained. * Measuring Instruments Like Ammeter, Voltmeter, Wattmeter And Energy Meter Described. * Various Electrical Machines Viz. Transformer, D.C. Machines, A.C. Single Phase, Three Phase Motors Have Been Described. * A Brief View Of Power Systems Is Given. * Numerous Solved Examples And Practice Problems For Thorough Grasp Of The Subject Presented. * A Large Number Of Multiple Choice Questions With Answers Given.

Electrical Engineering Materials Createspace Independent Publishing Platform
Pozar's new edition of Microwave Engineering includes more material on active circuits, noise, nonlinear effects, and wireless systems. Chapters on noise and nonlinear distortion, and active devices have been added along with the coverage of noise and more material on intermodulation distortion and related nonlinear effects. On active devices, there's more updated material on bipolar junction and field effect transistors. New and updated material on wireless communications systems, including link budget, link margin, digital modulation methods, and bit error rates is also part of the new edition. Other new material includes a section on transients on transmission lines, the theory of power waves, a discussion of higher order modes and frequency effects for microstrip line, and a discussion of how to determine unloaded.

Basic Electrical and Electronics Engineering: Laxmi Publications, Ltd.
Excerpt from Heavy Electrical Engineering Many text books have been published under the general title of "Electrical Engineering." An examination of these books reveals on the part of their authors a conception of the preferential scope of the subject which is at complete variance with my conception. Hence, beyond the similarity of title, there is nothing in common between the present treatise and these others. I have omitted routine descriptive material as well as the elementary generalities regarding electricity and magnetism, and I have directed my efforts to an attempt to familiarize the reader with various considerations and calculations of which a sound, knowledge should be acquired in order to enable him effectively to engage in practical electrical engineering work. Regrettable as it appears, it is nevertheless a fact that the real progress in electrical engineering is being made by too small

a majority of those engaged in the electrical engineering profession. Many have not the remotest approach to broad knowledge of the subject; often they have not the energy or the enterprise to exercise their own reasoning faculties. Such are hardly more than figure-heads desirous on the one hand of being on the side of the most fashionable engineering fad, so soon as there is no longer any doubt of its being fashionable, and on the other hand hesitating to depart from the cut-and-dried practice of years standing, which makes the preparation of plans a mere matter of copying, and eliminates all risk and uncertainty. Swayed by these opposing tendencies, they soon become incapable of seeing any engineering question in its true aspects. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at www.forgottenbooks.com This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such historical works.