

Electrical Technology BI Theraja Vol 1

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PRECIOUS CHAPMAN

A Textbook of Electrical Technology - Volume III S. Chand Publishing

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.

Fundamentals of Electrical Engineering and Electronics RAJATH PUBLISHERS

This Book extensive pruning of the solved Examples in the text. Majority of the old examples have been replaced by questions set in the latest examination papers of different engineering colleges and technical institutions.

Principles of Electronic Devices & Circuits S. Chand Publishing
In this book we have included more examples, tutorial problems and objective test questions in almost all the chapters. The chapter on Optoelectronic Devices has been expanded to include more application examples in the area of optical fibre networks. The chapter on Regulated Power Supply carries more detailed study of fixed positive-Fixed negative and adjustable-linear IC voltage regulators as well as switching voltage regulator. The topic on OP-AMPs has been separated from the chapter on integrated Circuits. A new chapter is prepared on OP-AMPs and its Applications. The Chapter on OP-AMPs and its Applications includes OP-AMP based Oscillator circuits, active filters etc.

Utility Communication Networks and Services S. Chand Publishing

Networked Control Systems (NCSs) are spatially distributed systems for which the communication between sensors, actuators and controllers is realized by a shared (wired or wireless) communication network. NCSs offer several advantages, such as reduced installation and maintenance costs, as well as greater flexibility, over conventional control systems in which parts of control loops exchange information via dedicated point-to-point connections. The principal goal of this book is to present a coherent and versatile framework applicable to various settings investigated by the authors over the last several years. This framework is applicable to nonlinear time-varying dynamic plants and controllers with delayed dynamics; a large class of static, dynamic, probabilistic and priority-oriented scheduling protocols; delayed, noisy, lossy and intermittent information exchange; decentralized control problems of heterogeneous agents with time-varying directed (not necessarily balanced) communication topologies; state- and output-feedback; off-line and on-line intermittent feedback; optimal intermittent feedback through Approximate Dynamic Programming (ADP) and Reinforcement Learning (RL); and control systems with exogenous disturbances

and modeling uncertainties.

A Textbook of Electrical Technology - Volume IV S. Chand Publishing

A multicolor edition of Vol. II of A Textbook of Electrical Technology to keep pace with the ever-increasing scope of essential and modern technical information, the syllabi are frequently revised. This often results into compressing established facts to accommodate recent information in the syllabi. Fields of power-electronics and industrial power-conditioners have grown considerably resulting into changed priority of topics related to electrical machines. Switched reluctance-motors tend to threaten the most popular squirrel-cage induction motors due to their increased ruggedness, better performance including controllability and equal ease with which they suit rotary as well as linear-motion-applications.

A Textbook of Applied Electronics S. Chand Publishing

The primary objective of vol. I of A Text Book of Electrical Technology is to provide a comprehensive treatment of topics in Basic Electrical Engineering both for electrical as well as nonelectrical students pursuing their studies in civil, mechanical, mining, textile, chemical, industrial, environmental, aerospace, electronic and computer engineering both at the Degree and diploma level. Based on the suggestions received from our esteemed readers, both from India and abroad, the scope of the book has been enlarged according to their requirements. Almost half the solved examples have been deleted and replaced by latest examination papers set up to 1994 in different engineering colleges and technical institutions in India and abroad.

Networked Control Systems with Intermittent Feedback CRC Press

This is the sixteenth edition of the textbook. It includes solutions of A.M.I.E. papers. Some of the latest questions from B.E., B.Sc (Engg.) and B.Sc (General) examinations of various Indian Universities have also been added. Special features of the book is that all the diagrams are redrawn & made by computer. The size of the book is all changed as per the present trend of various popular textbooks.

Marine Electrical Technology, 4/e H/C Prentice Hall

A Textbook of Engineering Physics is written with two distinct objectives: to provide a single source of information for engineering undergraduates of different specializations and provide them a solid base in physics. Successive editions of the book incorporated topics as required by students pursuing their studies in various universities. In this new edition the contents are fine-tuned, modernized and updated at various stages.

Principles of Electronics S. Chand Publishing

For Mechanical Engineering Students of Indian Universities. It is also available in 4 Individual Parts

A Textbook of Electrical Technology New Age International
Based upon years of teaching experience, M. Abdus Salam covers the fundamentals and important topics which can help students to develop a lasting and sound knowledge of electrical machines.

SIGNALS AND SYSTEMS Springer Nature

This book is prepared as per the syllabus of VISVESVARAYA

TECHNOLOGICAL UNIVERSITY, Karnataka for first year B. Tech (Engineering) course using the reference books given in the course syllabus. Authors have tried to elucidate the topics such a way that even a mediocre student can assimilate them. Many solved problems, sample question papers and exercise given in every section will provide a thorough understanding of topics.

A Textbook of Electrical Technology PHI Learning Pvt. Ltd. The present book has been thoroughly revised and lot of useful material has been added. Several photographs of electronic devices and their specifications sheets have been included. This will help the students to have a better understanding of the electronic devices and circuits from application point of view. The mistake and misprints, which has crept in, have been eliminated in this edition.

A Textbook of Electrical Technology S. Chand Publishing For Mechanical Engineering Students of Indian Universities. It is also available in 4 Individual Parts

Fundamentals of Electric Circuit Theory S. Chand Publishing This CIGRE green book begins by addressing the specification and provision of communication services in the context of operational applications for electrical power utilities, before subsequently providing guidelines on the deployment or transformation of networks to deliver these specific communication services. Lastly, it demonstrates how these networks and their services can be monitored, operated, and maintained to ensure that the requisite high level of service quality is consistently achieved.

A Course in Electrical Technology (B.E.E) Vol-I (12th Edition) S. Chand Publishing

The Book has been thoroughly revised, keeping in mind the rapid technological advances in this mammoth industry and also the feedback received from various quarters. Relevant extracts from current SOLAS, IACS, Lloyd's Register, DNV and ABS Rules, have been included with permission. However, these must be used only for academic purposes. Relevant current documents onboard ships must be referred to, for the purpose of complying with Classification Societies' and other Statutory Requirements.

Privacy in a Digital, Networked World Laxmi Publications, Ltd.

Aiming at a better understanding of power system harmonics, this text presents a discussion of this issue, providing a quantitative analysis when possible. Pertinent equations are developed. 80 practical case studies based on real-life work experience come with the text. These are analysed providing the results and commenting on the output. Furthermore, 80 end-of-chapter problems are provided. A detailed solution manual is

available. The book can be used as a textbook for undergraduate and graduate students, in short-courses offered by consultants and institutes, as well as a tutorial, reference, or self-study course for practising engineers in the industry and electric utility.

Advanced Electrical Technology S. Chand Publishing

A Textbook on Electrical Technology

A Textbook of Engineering Physics S. Chand Publishing

In the present edition, authors have made sincere efforts to make the book up-to-date. A notable feature is the inclusion of two chapters on Power System. It is hoped that this edition will serve the readers in a more useful way.

Introduction to Electrical Engineering. (Third Edition.) PHI Learning Pvt. Ltd.

This comprehensive text on control systems is designed for undergraduate students pursuing courses in electronics and communication engineering, electrical and electronics engineering, telecommunication engineering, electronics and instrumentation engineering, mechanical engineering, and biomedical engineering. Appropriate for self-study, the book will also be useful for AMIE and IETE students. Written in a student-friendly readable manner, the book explains the basic fundamentals and concepts of control systems in a clearly understandable form. It is a balanced survey of theory aimed to provide the students with an in-depth insight into system behaviour and control of continuous-time control systems. All the solved and unsolved problems in this book are classroom tested, designed to illustrate the topics in a clear and thorough way. KEY FEATURES : Includes several fully worked-out examples to help students master the concepts involved. Provides short questions with answers at the end of each chapter to help students prepare for exams confidently. Offers fill in the blanks and objective type questions with answers at the end of each chapter to quiz students on key learning points. Gives chapter-end review questions and problems to assist students in reinforcing their knowledge.

Objective Electrical Technology Springer

For close to 30 years, Basic Electrical Engineering has been the go-to text for students of Electrical Engineering. Emphasis on concepts and clear mathematical derivations, simple language coupled with systematic development of the subject aided by illustrations makes this text a fundamental read on the subject. Divided into 17 chapters, the book covers all the major topics such as DC Circuits, Units of Work, Power and Energy, Magnetic Circuits, fundamentals of AC Circuits and Electrical Instruments and Electrical Measurements in a straightforward manner for students to understand.