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A Textbook of Electrical Technology - Volume II - BL Theraja 2005

A multicolor edition of Vol.II of A Textbook of Electrical Technology to keep pace with the ever-increasing scope of essential and morden technical information,the syllabi are frequently revised.This often result 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 Text-book of Electrical Technology in S.I. System of Units - B. L. Theraja 1984

Basic Electronics - BL Theraja 2006-12

Aims of the Book:The foremost and primary aim of the book is to meet the requirements of students pursuing following courses of study:1.Diploma in Electronics and Communication Engineering(ECE)-3-year course offered by various Indian and foreign polytechnics and technical institutes like city and guilds of London Institute(CGLI).2.B.E. (Elect.& Comm.)-4-year course offered by various Engineering Colleges.efforts have beenmade to cover the

papers:Electronics-I & II and Pulse and Digital Circuits.3.B.Sc.(Elect.)-3-Year vocationalised course recently introduced by Approach.

Fundamentals of Electrical Engineering and Electronics - BL Theraja 2006-06

This Book extensive pruning of the solved Examples in the text.Majority of the old examples have been replaced by questions set in the latest examination papers of different engineering colleges and technical institutions.

Basic Electronics - Debashis De 2010
Basic Electronics, meant for the core science and technology courses in engineering colleges and universities, has been designed with the key objective of enhancing the students' knowledge in the field of electronics. Solid state electronics, a rapidly-evolving field of study, has been extensively researched for the latest updates, and the authors have supplemented the related chapters with customized pedagogical features. The required knowledge in mathematics has been developed throughout the book and no prior grasp of physical electronics has been assumed as an essential requirement for understanding the subject. Detailed mathematical derivations illustrated by solved examples enhance the understanding of the theoretical concepts. With its simple language and clear-cut style of presentation, this book presents an intelligent understanding of a complex subject like electronics.

Electronic devices & circuits in S.I. system of units - A. K. Theraja 2005

Principles of Electronic Devices & Circuits - BL Theraja | RS Sedha 2007

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.

Electronic Devices and Circuits - S. Rama Reddy 2004

This new text derived from class tested lecturer notes by the author fulfills the needs for a core course in Electrical, Electronics, Instrumentation and Control Engineering. Written in a lucid manner covering the fundamentals of electronic devices and circuits will help the students build a firm foundation on the subject. Key Features: Worked examples Short questions & answers

A Textbook of Electrical Technology - A. K. Theraja 1994

Allied Physics Paper I & II - R Murugesan 2005

Paper-I | Waves & Oscillations | Properties Of Matters | Thermal Physics | Electricity And Magnetism | Geometrical Optics | Paper-II | Physical Optics | Atomic Physics | Nuclear Physics | Elements Of Relativity And Quantum Mechanics | Electronics Practical Physics | Young'S Modulus By Non-Uniform Bending | Young'S Modulus (E) Non-Uniform Bending | Rigidity Modulus (Static Torsion Method) | Rigidity Modulus By Torsional Oscillations | Surface Tension And Interfacial

Surface Tension Drop Weight Method | Comparison Of Viscosities Of Two Liquids-Burette Method | Specific Heat Capacity Of A Liquid | Sonometer-Frequency Of A.C. Mains | Determination Of Radius Of Curvature | Air Wedge - Thickness Of A Wire | Spectrometer-Diffraction On Gravity-Wevelength Of Hg Lines | Potentiometer-Voltmeter Calibration | Post Office Box-Measure Of Resistance And Specific Resistance | Ballistic Galvanometer Figure Of Merit | Logic Gates And, Or, Not | Zener Diode Characteristics | Nand Gate As A Universal Gate

A Textbook of Applied Electronics - RS Sedha 2008-02

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.C. & D.C. machines - A. K. Theraja 1995

Basic Electrical and Electronics Engineering: - S.K. Bhattacharya

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

A Textbook of Electrical Technology - BL Theraja 2008

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

Software Engineering - Sajjan Mathew 2007

This book is a comprehensive, step-by-step guide to software engineering. This book provides an introduction to software engineering for students in undergraduate and post graduate programs in computers. *Fundamentals Of Electrical Engg. & Electronics* - J. B. Gupta 2009

Basic Electronics and Linear Circuits

- N. N. Bhargava 2013

Basic Electronics - Rakesh Kumar Garg
2008

Principles of Electronics - Colin
David Simpson 1996

Assuming readers have a basic understanding of algebra and trigonometry, Simpson offers a concise and practical overview of the basic principles, theorems, circuit behavior and problem-solving procedures of this intriguing and fast-paced science. The main goal of the text is to make what can be difficult subject matter substantially more accessible, retainable and usable. This book takes the first 18 chapters of Simpson's "Principles of DC/AC Circuits" and adds 5 chapters of devices coverage.

Multiple Choice Questions in Electrical, Electronic & Telecommunication Engineering - B. L. Theraja 1982

SIGNALS AND SYSTEMS - A. ANAND KUMAR
2012-02-04

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.

Basic Electronics - K. Uma Rao
2015-09

This book presents the basic concepts of electronic devices and circuits in an easy to understand manner. The main topics covered include semiconductor diodes and their application in rectifiers and voltage regulators; transistors, their configurations and application in amplifier and oscillator circuits; operational amplifiers and their applications; and number systems and the fundamentals of analogue communication circuits and basic transducers. A number of design and analytic numerical problems have been included to help the student understand the application of the concepts. The book will be useful for the first year course in Engineering.
Principles of Electronics - V. K. Mehta 1995

Elements of Quantum Mechanics - Kamal Singh | SP Singh 2005-06

Elements of Quantum Mechanics

Electricity and Magnetism - KK Tewari
1995-03

This book entitled Electricity & Magnetism covers the syllabi of B.Sc. (Pass & Honours) and Engineering students of various Universities in India, and is written purely in S.I. Units (rationalised MKS system of units) with a complete vector treatment. The mathematical description of the book is based on the methods of vector analysis. Vector analysis provides an efficient short-hand for writing physics and the same time makes it possible to visualise the physical meaning of concepts and laws distinctly and exactly. Hence, the vector treatment becomes necessary.

A Textbook of Electrical Technology - Volume IV - BL Theraja 2006

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.

Textbook of Electrical Technology -
A. K. Theraja B. L. Theraja
2000-12-01

Basic Electronics (Includes Solved Problems and MCQs) - B. Somanathan Nair 2013-12-30

The present book is meant for the first-year engineering curricula of various universities in India. It describes the basic theories of electron dynamics, semiconductor physics, semiconductor diodes, bipolar junction transistors, field-effect (junction, MOS and CMOS) transistors, voltage and power amplifiers, oscillators, power electronic devices (SCR and UJT), and operational amplifiers. It further describes radio, mobile, fiber-optic, satellite and microwave communication systems. It also deals with the basic theories of radar, electronic instrumentation, Boolean algebra and logic functions. The book has more than 250 diagrams to illustrate the theories described and numerous worked examples.

Principles of Electronics [LPSPE] -
VK Mehta | Rohit Mehta

In its 40th year, Principles of Electronics remains a comprehensive and succinct textbook for students preparing for B. Tech, B. E., B.Sc., diploma and various other engineering examinations. It also caters to the requirements of those readers who wish to increase their knowledge and gain a sound grounding in the basics of electronics. Concepts fundamental to the understanding of the subject such as electron emission, atomic structure, transistors, semiconductor physics, gas-filled tubes, modulation and demodulation, semiconductor diode and regulated D.C. power supply have been included, added and updated in

the book as full chapters to give the reader a well-rounded view of the subject.

A Textbook of Electrical Technology - Volume III - BL Theraja 2007

A textbook of Electrical Technology. In this edition, two new chapters have been added namely 'Rating & Service Capacity' and 'Distribution Automation'. The First chapter will be useful to degree/diploma students undergoing their first course in Electrical Drives. It also contains many solved problems for the benefit of students. Another new chapter 'Distribution Automation' is a latest development in the field of Electrical Power System Engineering. Till recent years, stress was given on Generation and Transmission.

Modern Physics - BL Theraja 2008

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.

Basic Electrical Engineering - Mehta V.K. & Mehta Rohit 2008

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.

A Textbook of Electrical Technology - Volume I (Basic Electrical Engineering) - BL Theraja 2005

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 upto 1994 in different engineering collage and technical institutions in India and abroad. Refresher Course in B.Sc. Physics (Vol . II) - C L Arora 2010

REVISED AS PER UGC MODEL CURRICULUM FOR B.Sc. (PASS/HONS.) OF ALL INDIAN UNIVERSITIES

Basic Electronics - BL Theraja 2007
Aims of the Book: The foremost and primary aim of the book is to meet the requirements of students pursuing following courses of study: 1. Diploma in Electronics and Communication

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There are No Electrons - Kenn Amdahl 1991

An off-beat introduction to how electricity works in practical applications.

Electronic Devices And Circuits - J. B. Gupta 2009

Objective Electrical, Electronic and Telecommunication Engineering - Theraja B.L. & Pandey V.K. 2009
A Textbook on Electrical Technology
Basic Electronics Solid State - B. L. Theraja 1998

Fundamentals of Electrical Engineering and Electronics - B. L. Theraja 1984