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Software Engineering Sajan 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.

A Textbook of Electrical Technology BL Theraja 2014-07 For Mechnaical Engginering Students of Indian Universities.It is also available in 4 Individual Parts

Basic Electronics and Linear Circuits N. N. Bhargava 2013

Marine Electrical Technology, 4/e H/C Elstan A Fernandez 2004-08-17 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 musl be referred to, for the purpose of complying with Classification Societies' and other Statutory Requirements.

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

A Textbook of Applied Electronics RS Sedha 2008-02 The present book has been throughly 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.

Integrated Electronics: Analog and Digital Circuits and Systems Millman Jacob 1972

Fundamentals of Petroleum and Petrochemical Engineering Uttam Ray Chaudhuri 2016-04-19 The supply of petroleum continues to dwindle at an alarming rate, yet it is the source of a range of products- from gasoline and diesel to plastic, rubber, and synthetic fiber. Critical to the future of this commodity is that we learn to use it more judiciously and efficiently. Fundamentals of Petroleum and Petrochemical Engineering provides a holi

Modern Physics BL Theraja 2008 This is the sixteenth edition of the textbook. It include solutions of A.M.I.E. papers. Some of the latest questions from B.E., B.Sc(Engg.) a B.Sc(General) examinations of various Indian Universities have also been added. Special features 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.

A Textbook of Electrical Technology - Volume III BL Theraja 2007 A textbook of Electrial Technology.In this edition,two new chapters have ben aded namely Rating & Service Capacity'and distribution Automation .The First chapter will be usefu to degree/diploma students underdoing their first course in Electrical Drives.Italso contains many solved problems for the benefit of students.Another new chapter'istribution Automation' is a latest development in the field of Electrical Power System Engineering.Tillrecent years,stress was given on Generation and Transmission.

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 swithching voltage regulator.The topic on OP-AMPs has been separated from the chapter on integrated Circuits.A new chapter is prepard on OP-AMPs and its Applications.The Chapter on OP-AMPs and its Applications includes OP-AMP based Oscillator circuits,active filters etc.

Mechanics DS Mathur 2000-10 The book presents a comprehensive study of important topics in Mechanics of pure and applied sciences. It provides knowledge of scalar and vector in optimum depth to make the students understand the concepts of Mechanics in simple, coherent and lucid manner and grasp its principles & theory. It caters to the requirements of students of B.Sc. Pass and Honours courses. Students of engineering disciplines and the ones aspiring for competitive exams such as AIME and others, will also find it useful for their preparations.

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.

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.

Objective Electrical, Electronic and Telecommunication Engineering Theraja B.L. & Pandey V.K. 2009 A Textbook on Electrical Technology

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

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

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.

Electronics For Dummies Cathleen Shamieh 2019-11-13 Build your electronics workbench—and begin creating fun electronics projects right away Packed with hundreds of diagrams and photographs, this book provides step-by-step instructions for experiments that show you how electronic components work, advice on choosing and using essential tools, and exciting projects you can build in 30 minutes or less. You'll get charged up as you transform theory into action in chapter after chapter! Circuit basics — learn what voltage is, where current flows (and doesn't flow), and how power is used in a circuit Critical components — discover how resistors, capacitors, inductors, diodes, and transistors control and shape electric current Versatile chips — find out how to use analog and digital integrated circuits to build complex projects with just a few parts Analyze circuits — understand the rules that govern current and voltage and learn how to apply them Safety tips — get a thorough grounding in how to protect yourself—and your electronics—from harm P.S. If you think this book seems familiar, you're probably right. The Dummies team updated the cover and design to give the book a fresh feel, but the content is the same as the previous release of Electronics For Dummies (9781119117971). The book you see here shouldn't be considered a new or updated product. But if you're in the mood to learn something new, check out some of our other books. We're always writing about new topics!

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 Text-book of Electrical Technology in S.I. System of Units A. K. Theraja 1988

Engineering and the Mind's Eye Eugene S. Ferguson 1994-03-29 In this insightful and incisive essay, Eugene Ferguson demonstrates that good engineering is as much a matter of intuition and nonverbal thinking as of equations and computation. He argues that a system of engineering education that ignores nonverbal thinking will produce engineers who are dangerously ignorant of the many ways in which the real world differs from the mathematical models constructed in academic minds.

Basic Electronics Chinmoy Saha 2018-05-03 With the presence of enhanced pedagogical features, the text will help readers in understanding fundamental concepts of electronics engineering.

There are No Electrons Kenn Amdahl 1991 An off-beat introduction to how electricity works in practical applications.

Basic Solid-State Electronics Van Valkenburgh, Nooger and Neville, Inc. Staff 1981

Basic Electronics Rakesh Kumar Garg 2008

A Textbook of Electrical Technology - Volume IV BL Theraja 2006 A Textbook of Electrical Technology(Vol. IV)Multicolorpictures have been added to enchance the contenet value and give to the students an idea of what he will be dealing in realityand 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.

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.

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.

Textbook of Electrical Technology in Si Units A. K. Theraja 1999-07-01

Foundations of Analog and Digital Electronic Circuits Anant Agarwal 2005-07-01 Unlike books currently on the market, this book attempts to satisfy two goals: combine circuits and electronics into a single, unified treatment, and establish a strong connection with the contemporary world of digital systems. It will introduce a new way of looking not only at the treatment of circuits, but also at the treatment of introductory coursework in engineering in general. Using the concept of ''abstraction,'' the book attempts to form a bridge between the world of physics and the world of large computer systems. In particular, it attempts to unify electrical engineering and computer science as the art of creating and exploiting successive abstractions to manage the complexity of building useful electrical systems. Computer systems are simply one type of electrical systems. +Balances circuits theory with practical digital electronics applications. +Illustrates concepts with real devices. +Supports the popular circuits and electronics course on the MIT OpenCourse Ware from which professionals worldwide study this new approach. +Written by two educators well known for their innovative teaching and research and their collaboration with industry. +Focuses on contemporary MOS technology.

Grob's Basic Electronics Mitchel E. Schultz 2007 [This book] is written for the beginning student pursuing a technical degree in electronics technology. In covering the fundamentals of electricity and electronics, [it] focuses on essential topics for the technician, and the all-important development of testing and troubleshooting skills. It is [an] introduction to basic DC and AC circuits and electronic devices.-Back cover.

Refresher Course in B.Sc.Physics (Vol . II) C L Arora 2010 REVISED AS PER UGC MODEL CURRICULUMN FOR B.Sc. (PASS/HONS.) OF ALL INDIAN UNIVERSITIES

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.

Fundamentalof Microprocessors & its Application A.K.Chhabra 2005 World first Microprocessor INTEL 4004(a 4-bit Microprocessor)came in 1971 forming the series of first generation microprocessor.Science then with more and advancement in technology ,there have been five Generations of Microprocessors.However the 8085,an 8-bit Microprocessor,is still the most popular Microprocessor.The present book provied a simple explanation,about the Microprocessor,its programming and interfaceing.The book contains the description,mainly of the 8-bit programmable Interrupt Interval Timer/Counter 8253,Programmable communication Interface 8251,USART 8251A and INTEL 8212/8155/8256/8755 and 8279.

Principles of Electronics V. K. Mehta 2008 The general response to the first edition of the book was very encouraging.A`uthors feel that their work has been amply rewarded and wish to express their deep sense of gratitude,in general to the large number of readers who have used it,and in particular to those of them who have sent helpful suggestions from time to time for the improvement of the book.The continuous feedback from the readers has helped the authors to make the book more useful.

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.hance,the vector treatment becomes necessary.

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 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.

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.

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