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Digital Electronics and Microprocessors
 Allied Physics Paper I & II
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 Modern Digital Electronics
 Digital Logic Design
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 Principles of Digital Electronics
 Analog and Digital
 Mechatronics
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 Chanakya Neeti
 DIGITAL ELECTRONICS: PRINCIPLES AND INTEGRATED CIRCUITS
 Principles, Devices and Applications
 Modern Digital Electronics
 Digital Electronics
 Digital Design: International Version
 Intro To Embedded Systems 1E
 Handbook Series of Electronics & Communication Engineering
 Digital Electronics—GATE, PSUS AND ES Examination
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Digital Electronics and Microprocessors
 McGraw-Hill College
 Part of the McGraw-Hill Core Concepts Series, Modern Digital Electronics is an ideal textbook for a course on digital electronics at the undergraduate level. The text introduces digital systems and techniques through a bottom-up approach that allows users to start out with the basics of integrated circuits/circuit design and delve into topics such as digital design, flip flops, A/D and D/A. The book then moves on to explore elements of complex digital circuits with material like FPGAs, PLDs, PLAs, and more. Rich pedagogical features include review questions with answers, a glossary of key

terms, a large number of solved examples, and numerous practice problems. This is a concise, less expensive alternative to other digital logic designs. This series is edited by Dick Dorf.

Allied Physics Paper I & II S. Chand Publishing

"This book has been designed to meet the needs of students of electronic engineering, computer science and physics. It will also be useful to engineers and scientists who did not have the opportunity to study digital techniques and microprocessors in their college days. The book can be used for self study, practice and as a guide to what can be expected in the examination. The book consists of 12 chapters and 8 appendices. Each chapter contains: Solved problems (300 in the book) Unsolved problems with answers (320 in the book) Questions with

Answers (450 in the book) There is separate section containing 465 multiple choice questions (with answers) covering all the topics. Readers will find the exhaustive glossary of over 500 terms very useful.

Digital Electronics Practice Using Integrated Circuits Tata McGraw-Hill Education

Very Good, No Highlights or Markup, all pages are intact.

Modern Digital Electronics Tata McGraw-Hill Education

Market_Desc: · Undergraduate and graduate level students of different universities
 Special Features: · Each chapter in the book, whether it is related to operational fundamentals or applications, is amply illustrated with diagrams and design examples· Each chapter concludes in a comprehensive

self-evaluation exercise comprising multiple-choice questions (with answers) and other type of objective type questions (with answers). Unlike most of the books in print on the subject that are either too brief, lacking in illustrated examples and examination-oriented study material, or too voluminous, containing lot of redundant material, the book has been written keeping in mind the topics taught in the subject and covers in entirety what is required by undergraduate and graduate level students of engineering in electrical, electronics, instrumentation and control, computer science and information technology disciplines

About The Book: Digital Electronics is a precise and yet complete book covering both Digital Electronics Fundamentals and Integrated Circuits. This book provides practical and comprehensive coverage of digital electronics, bringing together information on fundamental theory, operational aspects and potential applications. Each chapter in the book is amply illustrated with diagrams and design examples. Each chapter concludes in a comprehensive self-evaluation exercise comprising multiple-choice and objective type questions (with answers). The book has up-to-date coverage of recent application fields, such as programmable logic devices, microprocessors, and microcontrollers. This valuable reference book provides in-depth information about multiplexers, de-multiplexers, devices for arithmetic operations, flip-flops and related devices, counters and registers, and data conversion circuits.

Digital Logic Design Tata McGraw-Hill Education

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Modern Digital Electronics Walter de Gruyter GmbH & Co KG

This book presents three aspects of digital circuits: digital principles, digital electronics, and digital design. The modern design methods of using electronic design automation (EDA) are also introduced, including the hardware description language (HDL), designs with programmable logic devices and large scale integrated circuit (LSI). The applications of digital devices and integrated circuits are discussed in detail

as well.

Principles of Digital Electronics Firewall Media

The fundamentals and implementation of digital electronics are essential to understanding the design and working of consumer/industrial electronics, communications, embedded systems, computers, security and military equipment. Devices used in applications such as these are constantly decreasing in size and employing more complex technology. It is therefore essential for engineers and students to understand the fundamentals, implementation and application principles of digital electronics, devices and integrated circuits. This is so that they can use the most appropriate and effective technique to suit their technical need. This book provides practical and comprehensive coverage of digital electronics, bringing together information on fundamental theory, operational aspects and potential applications. With worked problems, examples, and review questions for each chapter, Digital Electronics includes: information on number systems, binary codes, digital arithmetic, logic gates and families, and Boolean algebra; an in-depth look at multiplexers, de-multiplexers, devices for arithmetic operations, flip-flops and related devices, counters and registers, and data conversion circuits; up-to-date coverage of recent application fields, such as programmable logic devices, microprocessors, microcontrollers, digital troubleshooting and digital instrumentation. A comprehensive, must-read book on digital electronics for senior undergraduate and graduate students of electrical, electronics and computer engineering, and a valuable reference book for professionals and researchers.

Analog and Digital Lulu.com

This comprehensive text on switching theory and logic design is designed for the undergraduate students of electronics and communication engineering, electrical and electronics engineering, electronics and instrumentation engineering, telecommunication engineering, computer science and engineering, and information technology. It will also be useful to AMIE, IETE and diploma students. Written in a student-friendly style, this book, now in its Second Edition, provides an in-depth knowledge of switching theory and the design techniques of digital circuits. Striking a balance between theory and practice, it covers topics ranging from number systems, binary codes, logic gates and Boolean algebra to minimization using K-maps and tabular method, design of

combinational logic circuits, synchronous and asynchronous sequential circuits, and algorithmic state machines. The book discusses threshold gates and programmable logic devices (PLDs). In addition, it elaborates on flip-flops and shift registers. Each chapter includes several fully worked-out examples so that the students get a thorough grounding in related design concepts. Short questions with answers, review questions, fill in the blanks, multiple choice questions and problems are provided at the end of each chapter. These help the students test their level of understanding of the subject and prepare for examinations confidently. NEW TO THIS EDITION • VHDL programs at the end of each chapter • Complete answers with figures • Several new problems with answers

Mechatronics Tata McGraw-Hill Education
 Test Prep for Digital Electronics—GATE, PSUS AND ES Examination

Digital Techniq (Ele)-Msbte Pearson Education India

Modern Digital Electronics Tata McGraw-Hill Education
 Modern Digital Electronics 4E Tata McGraw-Hill Education
 MODERN DIGITAL ELECTRONICS 4E Tata McGraw-Hill Education

Chanakya Neeti McGraw-Hill Science/Engineering/Math

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.

DIGITAL ELECTRONICS: PRINCIPLES AND INTEGRATED CIRCUITS S. Chand Publishing
 The Use Of Digital Circuits Is Increasing In All Disciplines Of Engineering.

Consequently Students Need To Have An In-Depth Knowledge On Them. Digital Circuits And Design Is A Textbook Dealing With The Basics Of Digital Technology Including The Design Asp
Principles, Devices and Applications PHI Learning Pvt. Ltd.

The Fourth edition of this well-received text continues to provide coherent and comprehensive coverage of digital circuits. It is designed for the undergraduate students pursuing courses in areas of engineering disciplines such as Electrical and Electronics, Electronics and Communication, Electronics and Instrumentation, Telecommunications, Medical Electronics, Computer Science and Engineering, Electronics, and Computers and Information Technology. It is also

useful as a text for MCA, M.Sc. (Electronics) and M.Sc. (Computer Science) students. Appropriate for self study, the book is useful even for AMIE and grad IETE students. Written in a student-friendly style, the book provides an excellent introduction to digital concepts and basic design techniques of digital circuits. It discusses Boolean algebra concepts and their application to digital circuitry, and elaborates on both combinational and sequential circuits. It provides numerous fully worked-out, laboratory tested examples to give students a solid grounding in the related design concepts. It includes a number of short questions with answers, review questions, fill in the blanks with answers, multiple choice questions with answers and exercise problems at the end of each chapter.

Modern Digital Electronics Tata McGraw-Hill Education

Scope of science and technology is expanding at an exponential rate and so is the need of skilled professionals i.e., Engineers. To stand out of the crowd amidst rising competition, many of the engineering graduates aim to crack GATE, IES and PSUs and pursue various post graduate Programmes. Handbook series as its name suggests is a set of Best-selling Multi-Purpose Quick Revision resource books, those are devised with anytime, anywhere approach. It's a compact, portable revision aid like none other. It contains almost all useful Formulae, Equations, Terms, Definitions and many more important aspects of these subjects. Electronics and Communication Engineering Handbook has been designed for aspirants of GATE, IES, PSUs and Other Competitive Exams. Each topic is summarized in the form of key points and notes for everyday work, problem solving or exam revision, in a unique format that displays concepts clearly. The book also displays formulae and circuit diagrams clearly, places them in context and crisply identifies and describes all the variables involved. Diode, Transistor, Analog Electronics, Integrated Circuits, Industrial Device, Signals and systems, Communication Systems, Network Theory, Control Systems, Electromagnetic Field

Theory, Antenna and Wave Propagation, Digital Electronics, Microprocessor, Material Science, Electronics Measurement and Instrumentation, Microwave Engineering

Digital Electronics Tata McGraw-Hill Education

The second edition of this book has been updated and enlarged, especially the chapters on digital electronics. In the analog part, several additions have been made wherever necessary. Also, optical devices and circuits have been introduced. Analog electronics spans semiconductors, diodes, transistors, small and large-signal amplifiers, OPAMPs and their applications. Both BJT and JFET, and MOSFET are treated parallelly so as to highlight their similarities and dissimilarities for thorough understanding of their parameters and specifications. The digital electronics covers logic gates, combinational circuits, IC families, number systems codes, adders/subtractors, flip-flops, registers and counters. Sequential circuits, memories and D/A and A/D convertor circuits are especially stressed. Fabrication technology of integrated devices and circuits have also been dealt with. Besides, many new examples and problems have been added section-wise. The text is written in simple yet rigorous manner with profusion of illustrative examples as an aid to clear understanding. The student can self-study several portions of the book with minimal guidance. A solution manual is available for the teachers.

Digital Design: International Version PHI Learning Pvt. Ltd.

This book presents the basic concepts used in the design and analysis of digital systems and introduces the principles of digital computer organization and design.

Intro To Embedded Systems 1E

Diamond Pocket Books (P) Ltd.

With over 30 years of experience in both industrial and university settings, the author covers the most widespread logic design practices while building a solid foundation of theoretical and engineering principles for students to use as they go forward in this fast moving field.

Handbook Series of Electronics & Communication Engineering PHI Learning

Pvt. Ltd.

With the advent of integrated circuit technology, the importance and usefulness of digital electronics has vastly increased. The size, cost and power dissipation have been reduced in the ratio of 2,000:1 and the performance, reliability and efficiency of equipment increased tremendously. This book gives a basic concept of digital techniques and then introduces simple function to complex functions. It uses SSI and MSI, TTL ICs of the most commonly available 54/74 series. The book will be useful to students of electronics and computer technology, as well as to practicing engineers and technicians.

Digital Electronics—GATE, PSUS AND ES Examination Tata McGraw-Hill Education

Digital electronics is an interdisciplinary subject of electronics, electrical, information technology, computer science engineering and sciences domain. Digital Electronics has been written as per the syllabus of Digital Electronics, Digital Circuits and Logic Design of various universities like PTU, GNDU, PU, SLIET, DU, PEC, NITs and Thapar University. The book provides a comprehensive coverage of the fundamental aspects of digital electronics. It not only explores the theoretical and practical aspects of digital circuitry, but also gives a glimpse of experience and classroom interaction of the authors. Besides, the step-by-step methods to solve the digital system problems, it also includes the shortcut methods to digital approach for job interviews and competitive examinations. This book is invaluable for BE, B.Tech., B.Sc., M.Sc. (Computer Science/IT), M.Sc. (Physics), M.Sc. (Electronics), BCA, MCA, PGDCA and PGDIT students.

Digital Integrated Electronics PHI Learning Pvt. Ltd.

The revised edition of Modern Digital Electronics focuses on rigorous coverage of design and analysis of complex digital circuits and systems through enhanced elucidation of Sequential Logic Design, PLDs, Memories and VHDL implementation codes. Begins with the fundamental concepts of digital electronics, it covers digital design using VHDL supported by plethora of examples.

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