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Object Oriented Programming Through Java-P. Radha Krishna 2007-01-29 Covering both the fundamentals and applications, Object Oriented Programming through Java provides a thorough introduction to this popular programming paradigm. It includes coverage of essential topics such as classes, objects, packages, interfaces, multithreading, AWT, Applets, and Swings. The book also includes a detailed overview of various practical applications, including JDBC, Networking classes, and servlets. It contains exercises at the end of every chapter, and sample illustrative programs are used throughout the book. It is a text for courses on object oriented Java programming and a reference for professionals.

Wireless Communications and Networks-Ali Eksim 2012-03-14 This book will provide a comprehensive technical guide covering fundamentals, recent advances and open issues in wireless communications and networks to the readers. The objective of the book is to serve as a valuable reference for students, educators, scientists, faculty members, researchers, engineers and research strategists in these rapidly evolving fields and to encourage them to actively explore these broad, exciting and rapidly evolving research areas.

Electromagnetic Field Theory and Transmission Lines-Raju, G. S. N. Electromagnetic Field Theory and Transmission Lines is ideal for a single semester, first course on Electromagnetic Field Theory (EMFT) at the undergraduate level. This book uses diagrammatic representations and real life examples to explain the fu

Java Programming: A Comprehensive Introduction-Herbert Schildt 2012-01-20

PULSE AND DIGITAL CIRCUITS-A. ANAND KUMAR 2008-02-12 The second edition of this well-received text continues to provide a coherent and comprehensive coverage of Pulse and Digital Circuits, suitable as a textbook for use by undergraduate students pursuing courses in Electrical and Electronics Engineering, Electronics and Communication Engineering, Electronics and Instrumentation Engineering, and Telecommunication Engineering. It presents clear explanations of the operation and analysis of semiconductor pulse circuits. Practical pulse circuit design methods are investigated in detail. The book provides numerous fully worked-out, laboratory-tested examples to give students a solid grounding in the related design concepts. It includes a number of classroom-tested problems to encourage students to apply theory in a logical fashion. Review questions, fill in the blanks, and multiple choice questions offer the students the opportunity to test their understanding of the text material. This text will be also appropriate for self-study by AMIE and IETE students. NEW TO THIS EDITION : • Includes two new chapters—Logic Gates and Logic Families—to meet the curriculum requirements. • Provides short questions with answers at the end of each chapter. • Presents several new illustrations, examples and exercises

The Theory of Machines-Robery W. Angus 1917

UML 2 Toolkit-Hans-Erik Eriksson 2003-11-04 Gain the skills to effectively plan software applications andsystems using the latest version of UML UML 2 represents a significant update to the UML specification,from providing more robust mechanisms for modeling workflow andactions to making the modeling language more executable. Now in itssecond edition, this bestselling book provides you with all thetools you'll need for effective modeling with UML 2. The authorsget you up to speed by presenting an overview of UML and its mainfeatures. You'll then learn how to apply UML to produce effectivediagrams as you progress through more advanced topics such asuse-case diagrams, classes and their relationships, dynamicdiagrams, system architecture, and extending UML. The authors takeyou through the process of modeling with UML so that you cansuccessfully deliver a software product or information managementsystem. With the help of numerous examples and an extensive case study,this book teaches you how to: * Organize, describe, assess, test, and realize use cases * Gain substantial information about a system by usingclasses * Utilize activity diagrams, state machines, and interactiondiagrams to handle common issues * Extend UML features for specific environment or domains * Use UML as part of a Model Driven Architecture initiative * Apply an effective process for using UML The CD-ROM contains all of the UML models and Java?TM code for acomplete application, Java?TM 2 Platform, Standard Edition, Version1.4.1, and links to the Web sites for vendors of UML 2 tools.

Managerial Economics And Financial Analysis-S. A. Siddiqui 2006-01-01 The Present Book Is Not The Revised Version, A Patch Work Of The Old Book. It Is Originally Designed To Meet The Specific Needs Of The New Syllabus Of Jntu For The Students Of B.Tech. In Other Words It Is The Spontaneous Overflow Of Authors Experience With The Syllabus.Generating And Developing Scientific And Logical Approach Towards The Subject, Taking Into Consideration The Level Of Learners. * Discussing The Subject Matter Adequately, Comprehensively And Thoroughly. * Discussing Very Large Number Of Illustrations Concerning Practical Problems In Economics, Accountancy And Financial Analysis. Sufficient Diagrams, Graphs And Flow Charts Are Given To Substantiate The Subject Matter. * Summarising Every Lesson Under The Heading Summarised View Of The Lesson, So That Learners Could Make A Revision At A Glance. * Classifying Assignments As Multiple Choice Questions For On Line Examination, Evaluation At A Glance And Self Assessment Questions. * Mentioning Questions From Previous Managerial Economics And Principles Of Accountancy (Mepa) And Current Managerial Economics And Financial Analysis.

The Engineer and Society-Eric George Semler 1973

Eddie the Elephant Does Excellent Things-Nicole S. Ross 2020-05-04 Each day Eddie the elephant does excellent things. Eddie exercises. He juggles eels. What will Eddie do today? Find out, and learn new words starting with the letter E.

Refrigeration and Air Conditioning-Manohar Prasad 2011-03 The Revised Edition Of A Widely Used Book Contains Several New Topics To Make The Coverage More Comprehensive And Contemporary. * Highlights The Ozone Hole Problem And Related Steps To Modify The Refrigeration Systems. * The Discussion Of Vapour Compression/Absorption Systems Totally Recast With A Special Emphasis On Eco-Refrigerants. * Application Oriented Approach Followed Throughout The Book And Energy Efficiencyemphasised. * Several Real Life Problems Included To Illustrate The Practical Viability Of The Systems Discussed. * Additional Examples, Diagrams And Problems Included In Each Chapter For An Easier Grasp Of The Subject.With All These Features, This Book Would Serve As A Comprehensive Text For Undergraduate Mechanical Engineering Students. Postgraduate Students And Practising Engineers Would Also Find It Very Useful.

Non-Conventional Energy Resources-B H Khan 2006-01-01

Polymer Nanocomposite Materials-Ye Zhou 2021-03-17 Discover an authoritative overview of zero-, one-, and two-dimensional polymer nanomaterials Polymer Nanocomposite Materials: Applications in Integrated Electronic Devices delivers an original and insightful treatment of polymer nanocomposite applications in energy, information, and biotechnology. The book systematically reviews the preparation and characterization of polymer nanocomposites from zero-, one-, and two-dimensional nanomaterials. The two distinguished editors have selected resources that thoroughly explore the applications of polymer nanocomposites in energy, information, and biotechnology devices like sensors, solar cells, data

storage devices, and artificial synapses. Academic researchers and professional developers alike will enjoy one of the first books on the subject of this environmentally friendly and versatile new technology. Polymer Nanocomposite Materials discusses challenges associated with the devices and materials, possible strategies for future directions of the technology, and the possible commercial applications of electronic devices built on these materials. Readers will also benefit from the inclusion of: A thorough introduction to the fabrication of conductive polymer composites and their applications in sensors An exploration of biodegradable polymer nanocomposites for electronics and polymer nanocomposites for photodetectors Practical discussions of polymer nanocomposites for pressure sensors and the application of polymer nanocomposites in energy storage devices An examination of functional polymer nanocomposites for triboelectric nanogenerators and resistive switching memory Perfect for materials scientists and polymer chemists, Polymer Nanocomposite Materials: Applications in Integrated Electronic Devices will also earn a place in the libraries of sensor developers, electrical engineers, and other professionals working in the sensor industry seeking an authoritative one-stop reference for nanocomposite applications.

Switching Theory & Logic Design-Atul P. Godse 2009 Number Systems and CodesPhilosophy of number systems - complement representation of negative numbers - binary arithmetic - binary codes - error detecting and error correcting codes - hamming codes.Boolean Algebra and Switching FunctionsFundamental postulates of Boolean Algebra-Basic theorems and properties - switching functions - Canonical and Standard forms - Algebraic simplification - digital logic gates, properties of XOR gates - universal gates - Multilevel NAND/NOR realizations.Minimization of Switching FunctionsMap method, Prime implicants, Don't care combinations, Minimal SOP and POS forms, Tabular Method, Prime - Implicant chart, simplification rules.Combinational Logic DesignDesign using conventional logic gates, Encoder, Decoder, Multiplexer, De-Multiplexer, Modular design IC chips, MUX Realization of switching functions Parity bit generator, Code-converters, Hazards and hazard free realizations.Programmable Logic Devices, Threshold LogicBasic PLD's-ROM, PROM, PLA, PLD Realization of Switching functions using PLD's. Capabilities and limitations of Threshold gate, Synthesis of Threshold functions, Multigate Synthesis.Sequential Circuits - IClassification of sequential circuits (Synchronous, Asynchronous, Pulse mode, Level mode with examples) Basic flop-flops-Triggering and excitation tables. Steps in synchronous sequential circuit design. Design of modulo-N Ring and shift counters, Serial binary adder, sequence detector.Sequential Circuits - IIFinite state machine-capabilities and limitations, Mealy and Moore models-minimization of completely specified and incompletely specified sequential machines, Partition techniques and Merger chart methods-concept of minimal cover table.Algorithmic State MachinesSalient features of the ASM chart-Simple examples-System design using data path and control subsystems-control implementations-examples of Weighing machine and Binary multiplier.

Digital Communications-Simon Haykin 1988-03-08 Offering comprehensive, up-to-date coverage on the principles of digital communications, this book focuses on basic issues, relating theory to practice wherever possible. Topics covered include the sampling process, digital modulation techniques and error-control coding.

Communication Skills, Second Edition-Sanjay Kumar 2015-07-30 The book is divided into six sections covering all the aspects of the subject, including basics of communication, English language, listening, speaking, reading, and writing skills. Furthermore, topics such as role of creative and critical thinking for effective communication, inter-culturalcommunication, developing extempore and story-telling skills, and writing and giving instructions have been included in this revised edition.Due to its exhaustive coverage and practical approach, this textbook is suitable for both students and professionals.

Control of Synchronous Motors-Jean-Paul Louis 2013-02-07 Synchronous motors are indubitably the most effective device to drive industrial production systems and robots with precision and rapidity. Their control law is thus critical for combining at the same time high productivity to reduced energy consummation. As far as possible, the control algorithms must exploit the properties of these actuators. Therefore, this work draws on well adapted models resulting from the Park's transformation, for both the most traditional machines with sinusoidal field distribution and for machines with non-sinusoidal field distribution which are more and more used in industry. Both, conventional control strategies like vector control (either in the synchronous reference frame or in the rotor frame) and advanced control theories like direct control and predictive control are thoroughly presented. In this context, a significant place is reserved to sensorless control which is

an important and critical issue in tomorrow's motors.

Nanomaterials-A. K. Haghi 2013-03-11 Intended as a reference for basic and practical knowledge about the synthesis, characterization, and applications of nanotechnology for students, engineers, and researchers, this book focuses on the production of different types of nanomaterials and their applications, particularly synthesis of different types of nanomaterials, characterization of different types of nanomaterials, applications of different types of nanomaterials, including the nanocomposites.

Structural Analysis-I, 4th Edition-Bhavikatti S.S. Structural Analysis, or the 'Theory of Structures', is an important subject for civil engineering students who are required to analyze and design structures. It is a vast field and is largely taught at the undergraduate level. A few topics like Matrix Method and Plastic Analysis are also taught at the postgraduate level and in structural engineering electives. The entire course has been covered in two volumes – Structural Analysis I and II. Structural Analysis I deals with the basics of structural analysis, measurements of deflection, various types of deflection, loads and influence lines, etc.

Microprocessors and Interfacing-N Senthil Kumar 2012-07-12 Microprocessors and Interfacing is a textbook for undergraduate engineering students who study a course on various microprocessors, its interfacing, programming and applications.

Digital Image Processing Multiple Choice Questions and Answers (MCQs)-Arshad Iqbal 2019-06-13 Digital Image Processing Multiple Choice Questions and Answers (MCQs): Quizzes & Practice Tests with Answer Key (Digital Image Processing Quick Study Guide & Course Review) covers course assessment tests for competitive exams to solve 600 MCQs. "Digital Image Processing MCQ" with answers covers fundamental concepts with theoretical and analytical reasoning tests. "Digital Image Processing Quiz" PDF study guide helps to practice test questions for exam review. "Digital Image Processing Multiple Choice Questions and Answers" PDF book to download covers solved quiz questions and answers PDF on topics: Digital image fundamentals, color image processing, filtering in frequency domain, image compression, image restoration and reconstruction, image segmentation, intensity transformation, spatial filtering, introduction to digital image processing, morphological image processing, wavelet, multi-resolution processing for college and university level exams. "Digital Image Processing Questions and Answers" PDF covers exam's viva, interview questions and certificate exam preparation with answer key. Digital image processing quick study guide includes terminology definitions in self-teaching guide from computer science textbooks on chapters: Color Image Processing MCQs Digital Image Fundamentals MCQs Filtering in Frequency Domain MCQs Image Compression MCQs Image Restoration and Reconstruction MCQs Image Segmentation MCQs Intensity Transformation and Spatial Filtering MCQs Introduction to Digital Image Processing MCQs Morphological Image Processing MCQs Wavelet and Multiresolution Processing MCQs Multiple choice questions and answers on color image processing MCQ questions PDF covers topics: Basics of full color image processing, color fundamentals in color image processing, color models, color transformation, pseudo color image processing, smoothing, and sharpening. Multiple choice questions and answers on digital image fundamentals MCQ questions PDF covers topics: Representing digital image, elements of visual perception, image interpolation, image sampling and quantization, image sensing and acquisition, light and electromagnetic spectrum, simple image formation model, spatial and intensity resolution. Multiple choice questions and answers on filtering in frequency domain MCQ questions PDF covers topics: Basics of filtering in frequency domain, filtering concepts, 10d discrete Fourier transform, background of intensity transformation, convolution, discrete Fourier transform of one variable, extension to functions of two variables, image interpolation and resampling, preliminary concepts, properties of 10d DFT, sampling, and Fourier transform of sampled function. Multiple choice questions and answers on image compression MCQ questions PDF covers topics: Fundamentals of image compression, image compression models, image compression techniques, coding redundancy, fidelity criteria, image compressors, and measuring image information. Multiple choice questions and answers on image restoration and reconstruction MCQ questions PDF covers topics: Model of image restoration process, image reconstruction from projections, constrained least squares filtering, convolution, estimating degradation function, geometric mean filter, image processing algorithms, inverse filtering, linear position invariant degradations, minimum mean square error filtering, noise models, periodic noise reduction using frequency domain filtering, and restoration in presence of noise. Multiple choice questions and answers on image segmentation MCQ questions PDF covers topics: Fundamentals of image segmentation, image processing algorithms,

edge models in image segmentation, edge detection in image processing, edge detection in segmentation, edge models, line detection in digital image processing, line detection in image segmentation, point line and edge detection, and preview in image segmentation. Multiple choice questions and answers on intensity transformation and spatial filtering MCQ questions PDF covers topics: Background of intensity transformation, fundamentals of spatial filtering, basic intensity transformations functions, bit plane slicing, contrast stretching, examples in intensity transformation, histogram equalization, histogram matching, histogram processing, image negatives, intensity level slicing, local histogram processing, log transformation, piecewise linear transformation functions, power law transformation, smoothing spatial filters, spatial correlation, and convolution. Multiple choice questions and answers on introduction to digital image processing MCQ questions PDF covers topics: Origin of digital image processing, fundamental steps in digital image processing, example of using image processing, examples of using modalities, gamma rays imaging, imaging in a radio wave, imaging in microwave band, imaging in ultraviolet band, imaging in visible and infrared band, and x-ray imaging. Multiple choice questions and answers on morphological image processing MCQ questions PDF covers topics: Morphological image processing basics, preliminaries in morphological image processing, erosion and dilation, hit or miss transformation, image erosion, morphological analysis, and morphological opening closing. Multiple choice questions and answers on wavelet and multiresolution processing MCQ questions PDF covers topics: Introduction to wavelet and multiresolution processing, multiresolution expansions, and wavelet transforms in one dimension.

Innovations in Electrical and Electronics Engineering-H. S. Saini 2021-03-24 This book is a collection of selected research papers presented at the International Conference on Innovations in Electrical and Electronics Engineering (ICIEEE 2019), which was organized by the Guru Nanak Institutions, Ibrahimpatnam, Hyderabad, Telangana, India, on July 26–27, 2019. The book highlights the latest developments in electrical and electronics engineering, especially in the areas of power systems, power electronics, control systems, electrical machinery, and renewable energy. The solutions discussed here will encourage and inspire researchers, industry professionals, and policymakers to put these methods into practice.

Design Through Verilog HDL-T. R. Padmanabhan 2003-11-05 A comprehensive resource on Verilog HDL for beginners and experts Large and complicated digital circuits can be incorporated into hardware by using Verilog, a hardware description language (HDL). A designer aspiring to master this versatile language must first become familiar with its constructs, practice their use in real applications, and apply them in combinations in order to be successful. Design Through Verilog HDL affords novices the opportunity to perform all of these tasks, while also offering seasoned professionals a comprehensive resource on this dynamic tool. Describing a design using Verilog is only half the story: writing test-benches, testing a design for all its desired functions, and how identifying and removing the faults remain significant challenges. Design Through Verilog HDL addresses each of these issues concisely and effectively. The authors discuss constructs through illustrative examples that are tested with popular simulation packages, ensuring the subject matter remains practically relevant. Other important topics covered include: Primitives Gate and Net delays Buffers CMOS switches State machine design Further, the authors focus on illuminating the differences between gate level, data flow, and behavioral styles of Verilog, a critical distinction for designers. The book's final chapters deal with advanced topics such as timescales, parameters and related constructs, queues, and switch level design. Each chapter concludes with exercises that both ensure readers have mastered the present material and stimulate readers to explore avenues of their own choosing. Written and assembled in a paced, logical manner, Design Through Verilog HDL provides professionals, graduate students, and advanced undergraduates with a one-of-a-kind resource.

Microprocessors and Microcontrollers-Atul P. Godse 2020-12-01 The book is written for an undergraduate course on the 8085 microprocessor and 8051 microcontroller. It provides comprehensive coverage of the hardware and software aspects of 8085 microprocessor and 8051 microcontroller. The book is divided into two parts. The first part focuses on 8085 microprocessor. It teaches you the 8085 architecture, instruction set, Assembly Language Programming (ALP), interfacing 8085 with support chips, memory and peripheral ICs - 8251, 8253, 8255, 8259, 8237 and 8279. It also explains the interfacing of 8085 with data converters - ADC and DAC - and introduces a temperature control system and data acquisition system design. The second part focuses on 8051 microcontroller. It teaches you the 8051 architecture, instruction set, programming 8051 with ALP and C and interfacing 8051 with external memory. It also explains timers/counters, serial port and interrupts of 8051 and their programming in ALP and C. It

also covers the interfacing 8051 with data converters - ADC and DAC, keyboards, LCDs, LEDs, stepper motors, servo motors and introduces the washing machine control system design.

Financial Accounting for Management: An Analytical Perspective-Ambrish Gupta Financial Accounting for Management: An Analytical Perspective focuses on the analysis and interpretation of financial information for strategic decision making to enable students and managers to formulate business strategies for revenue enhancement, cost economies, efficiency improvements, restructuring of operations, and further expansion or diversification for creating and enhancing the shareholder's value. MBA, MFC and MBE students are its primary audience but its practical orientation will also be useful to corporate sector managers and CA, CWA, CS, CFA and CAIIB students.

Database Security-Alfred Basta 2011-07-12 As a society that relies on technology to thrive, we face a growing number of potentially catastrophic threats to network security daily. DATABASE SECURITY delivers the know-how and skills that today's professionals must have to protect their company's technology infrastructures, intellectual property, and future prosperity. From database installation and testing to auditing and SQL Injection, this text delves into the essential processes and protocols required to prevent intrusions, and supports each topic with real-world examples that help future IT professionals understand their critical responsibilities. Unlike most texts on database security, which take a computer scientist's analytical approach, Database Security focuses on implementation, and was written expressly for the expanding field of Information Technology careers. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Modern Power System Analysis-D. P. Kothari 2003

Environmental Studies-R. Rajagopalan 2011 Adopting a lucid approach, the book aims to develop an appreciation of the seriousness of the environmental crisis at the local and global levels. The text discusses the major environmental problems we face today: global warming, overexploitation of natural resources, degraded land, disappearing forests, endangered species, rising pollution, growing population, and dangerous toxins, among others. The book illustrates various problems, solutions, successes, and failures with numerous Indian and global examples. Written in a student-friendly manner, the text is enriched with a number of photographs and illustrations.

Microprocessors and Interfacing-Douglas V. Hall 1992

Textbook of Environmental Studies for Undergraduate Courses-Erach Bharucha 2005-11 The Importance Of Environmental Studies Cannot Be Disputed Since The Need For Sustainable Development Is A Key To The Future Of Mankind. Recognising This, The Honourable Supreme Court Of India Directed The Ugc To Introduce A Basic Course On Environmental Education For Undergraduate Courses In All Disciplines, To Be Implemented By Every University In The Country. Accordingly, The Ugc Constituted An Expert Committee To Formulate A Six-Month Core Module Syllabus For Environmental Studies. This Textbook Is The Outcome Of The Ugc S Efforts And Has Been Prepared As Per The Syllabus. It Is Designed To Bring About An Awareness On A Variety Of Environmental Concerns. It Attempts To Create A Pro-Environmental Attitude And A Behavioural Pattern In Society That Is Based On Creating Sustainable Lifestyles And A New Ethic Towards Conservation. This Textbook Stresses On A Balanced View Of Issues That Affect Our Daily Lives. These Issues Are Related To The Conflict Between Existing `Development Strategies And The Need For `Conservation . It Not Only Makes The Student Better Informed On These Concerns, But Is Expected To Lead The Student Towards Positive Action To Improve The Environment. Based On A Multidisciplinary Approach That Brings About An Appreciation Of The Natural World And Human Impact On Its Integrity, This Textbook Seeks Practical Answers To Make Human Civilization Sustainable On The Earth S Finite Resources. Attractively Priced At Rupees One Hundred And Fifteen Only, This Textbook Covers The Syllabus As Structured By The Ugc, Divided Into 8 Units And 50 Lectures. The First 7 Units, Which Cover 45 Lectures Are Classroom Teaching-Based, And Enhance Knowledge Skills And Attitude To Environment. Unit 8 Is Based On Field Activities To Be Covered In 5 Lecture Hours And Would Provide Students With First Hand Knowledge On Various Local Environmental Issues.

Investment Analysis and Portfolio Management-Frank K. Reilly 1997

DESIGN OF MACHINE ELEMENTS-KAMLESH PUROHIT 2002-01-01 This thorough and comprehensive textbook on machine elements presents the concepts, procedures, data, tools, and techniques students need to design safe, efficient and workable mechanical components of machines. Covering both the conventional design methodology and the new tools such as CAD, optimization and FEM, design procedures for the most frequently encountered mechanical elements have been explained in meticulous detail. The text features an abundance of thoroughly worked-out examples, end-of-chapter questions and exercises, and multiple-choice questions, framed to not only enhance students' learning but also hone their design skills. Well-written and eminently readable, the text is admirably suited to the needs of undergraduate students in mechanical, production and industrial engineering disciplines.

Java for Programmers-Paul J. Deitel 2009-02-12 PRACTICAL, EXAMPLE-RICH COVERAGE OF: Classes, Objects, Encapsulation, Inheritance, Polymorphism, Interfaces, Nested Classes Integrated OOP Case Studies: Time, GradeBook, Employee Industrial-Strength, 95-Page OOD/UML® 2 ATM Case Study JavaServer™ Faces, Ajax-Enabled Web Applications, Web Services, Networking JDBC™, SQL, Java DB, MySQL® Threads and the Concurrency APIs I/O, Types, Control Statements, Methods Arrays, Generics, Collections Exception Handling, Files GUI, Graphics, GroupLayout, JDIC Using the Debugger and the API Docs And more... VISIT WWW.DEITEL.COM For information on Deitel's Dive Into® Series corporate training courses offered at customer sites worldwide (or write to deitel@deitel.com) Download code examples Check out the growing list of programming, Web 2.0, and software-related Resource Centers To receive updates for this book, subscribe to the free DEITEL® BUZZ ONLINE e-mail newsletter at www.deitel.com/newsletter/subscribe.html Read archived issues of the DEITEL® BUZZ ONLINE The practicing programmer's DEITEL® guide to Java™ development and the Powerful Java™ Platform Written for programmers with a background in high-level language programming, this book applies the Deitel signature live-code approach to teaching programming and explores the Java language and Java APIs in depth. The book presents the concepts in the context of fully tested programs, complete with syntax shading, code highlighting, line-by-line code descriptions and program outputs. The book features 220 Java applications with over 18,000 lines of proven Java code, and hundreds of tips that will help you build robust applications. Start with an introduction to Java using an early classes and objects approach, then rapidly move on to more advanced topics, including GUI, graphics, exception handling, generics, collections, JDBC™, web-application development with JavaServer™ Faces, web services and more. You'll enjoy the Deitels' classic treatment of object-oriented programming and the OOD/UML® ATM case study, including a complete Java implementation. When you're finished, you'll have everything you need to build object-oriented Java applications. The DEITEL® Developer Series is designed for practicing programmers. The series presents focused treatments of emerging technologies, including Java™, C++, .NET, web services, Internet and web development and more. PRE-PUBLICATION REVIEWER TESTIMONIALS "Presenting software engineering side by side with core Java concepts is highly refreshing; gives readers insight into how professional software is developed."—Clark Richey (Java Champion), RABA Technologies, LLC. "The quality of the design and code examples is second to none!"—Terrell Hull, Enterprise Architect "The JDBC chapter is very hands on. I like the fact that Java DB/Apache Derby is used in the examples, which makes it really simple to learn and understand JDBC."—Sandeep Konchady, Sun Microsystems "Equips you with the latest web application technologies. Examples are impressive and real! Want to develop a simple address locator with Ajax and JSF? Jump to Chapter 22."—Vadiraj Deshpande, Sun Microsystems "Covers web services with Java SE 6 and Java EE 5 in a real-life, example-based, friendly approach. The Deitel Web Services Resource Center is really good, even for advanced developers."—Sanjay Dhamankar, Sun Microsystems "Mandatory book for any serious Java EE developer looking for improved productivity: JSF development, visual web development and web services development have never been easier."—Ludovic Chapenois, Sun Microsystems "I teach Java programming and object-oriented analysis and design. The OOD/UML 2 case study is the best presentation of the ATM example I have seen."—Craig W. Slinkman, University of Texas–Arlington "Introduces OOP and UML 2 early. The conceptual level is perfect. No other book comes close to its quality of organization and presentation. The live-code approach to presenting exemplary code makes a big difference in the learning outcome."—Walt Bunch, Chapman University/

Management-V.S.P. Rao 2009 The book abounds in meritorious features (such as tables, charts, illustrations, skill building exercises, cases, games,

incidents) which set it apart from other books on management. The topics have been presented in a simple, concise and interesting manner. Every attempt has been made to maintain easy readability and quick comprehension. Contemporary examples, personality profiles, corporate experiences have been provided at relevant places to enrich the contents further. The book is primarily meant for students pursuing advanced courses in management such as MBA, PGDBA, M.Com, IAS, B.Com (Hons) and BBA.

Environmental Science And Engineering (anna University)-Anubha Kaushik 2006-01-01 Environmental Science And Engineering Pertain To A Systematic Analysis Of The Natural And Man-Made World Encompassing Various Scientific, Economic, Social And Ethical Aspects. Human Impacts Leading To Large-Scale Degradation Of The Environment Have Aroused Global Concern On Environmental Issues In The Recent Years. The Apex Court Has Hence, Issued Directive To Impart Environmental Literacy To All.In This Book The Fundamental Concepts Of Environmental Science And Engineering Have Been Introduced And Analyzed In A Simple Manner Strictly As Per The Anna University Iind And Iiird Semester Syllabus. Besides The Undergraduate Students Of All Disciplines The Book Will Also Be Useful For Those Appearing In Various Competitive Exams Since Environmental Issues Now Find A Focus In Most Of Such Examinations. The Contents Of The Book Will Be Of Interest To All Educationists, Planners And Policy Makers.Key Features Of The Book Include A Simple And Holistic Approach With Illustrations, Tables And Specific Case Studies Mainly In The Indian Context. The Basic Terminologies Have Been Defined In The Text While Introducing The Topics And Some Useful Terms Mentioned In The Text Have Been Explained In The Glossary For An Easy Grasp By Students Of All Disciplines.

MANAGERIAL ECONOMICS-YOGESH MAHESHWARI 2012-09-27 For courses in managerial economics, this textbook, now in its third edition, is specifically designed for the students of management, commerce and economics to provide them with a thorough understanding of economic concepts and methodologies and the economic environment influencing managerial decisions. The book first lays a sound theoretical foundation of basic concepts, defi-nitions, and methodologies of economics, being an essential prerequisite for students to understand the theory of managerial economics. All the basic principles are introduced with mathematical complexity kept to minimum—essentials of applied mathematics needed for comprehending the under-lying ideas of models and theories of economics are covered. The book then moves on to systematically enumerates the various tools of analysis such as demand analysis, cost analysis, elasticity of demand, production analysis and price theory, and highlights their importance in managerial decision making through the concept-example format, wherein a concept discussed is immediately followed by a practical situation so that the reader can understand its application. The end-of-chapter questions reinforce a deeper understanding of the concepts introduced in the text. An exclusive chapter on linear programming emphasizes the importance of this mathematical tool in finding optimal business solutions. The book concludes with an exhaustive introduction to macroeconomics, analyzing in depth the concepts of inflation, income, savings and investments, and growth and employment in Indian context. New to the Third Edition Revised and expanded coverage of evolution of economic thought, and basic economic terms. An enriched inclusion of demand forecasting techniques, and the Cobb-Douglas production function. An extensive illustration of the commonly used pricing methods and market power. Value addition to the existing list of case studies to enhance students' understanding of the theoretical concepts.

BUILDING MATERIALS-P.C. VARGHESE 2015-02-26 This practice-oriented book, now in its second edition, presents a lucid yet comprehensive coverage of the engineering properties and uses of the materials commonly used in building construction in India. Profusely illustrated with tables and diagrams, the book brings into light the basics of building materials and their specifications. Besides giving information regarding the traditional building materials, the text now acquaints the reader with up-to-date and in-depth information pertaining to modern materials available in the market. The references to IS codes and standards make this text suitable for further study and field use. The second edition possesses some substantial changes in Chapters 12, 13, 14 and 20. Now, the book offers a new section on durability of concrete in Chapter 12; a modified section regarding revision of IS 10262 (1982) code on concrete mix design to IS 10262 (2009) and a new section on classification of exposure conditions in Chapter 13; and a new section relating to large advances made in concrete construction and repair chemicals in Chapter 14. Besides, the content of Chapter 20 has been completely updated, with a particular emphasis on the extensive use of aluminium in building construction. Primarily intended for the students pursuing undergraduate degree (B.E./B.Tech.) and diploma courses in civil

engineering and architecture, the book, on account of lecture-based presentation of the subject, should also prove eminently utilitarian for the young teachers to use it in their classroom lectures as well as for practising engineers to get a clear understanding of the fundamentals of the subject. NEW TO THE SECOND EDITION Review questions at the end of each chapter enable the reader to recapitulate the topics Considerable attention is given on field practice Syllabus of laboratory work on construction materials and a model question paper (Anna University) are given in appendices to guide the reader.

Fundamentals of Database Systems-Ramez Elmasri 2008-09

Advanced Engineering Mathematics with MATLAB-Dean G. Duffy 2016-12-12 Advanced Engineering Mathematics with MATLAB, Fourth Edition builds upon three successful previous editions. It is written for today's STEM (science, technology, engineering, and mathematics) student. Three assumptions under lie its structure: (1) All students need a firm grasp of the traditional disciplines of ordinary and partial differential equations, vector calculus and linear algebra. (2) The modern student must have a strong foundation in transform methods because they provide the mathematical basis for electrical and communication studies. (3) The biological revolution requires an understanding of stochastic (random) processes. The chapter on Complex Variables, positioned as the first chapter in previous editions, is now moved to Chapter 10. The author employs MATLAB to reinforce concepts and solve problems that require heavy computation. Along with several updates and changes from the third edition, the text continues to evolve to meet the needs of today's instructors and students. Features: Complex Variables, formerly Chapter 1, is now

Chapter 10. A new Chapter 18: Itô's Stochastic Calculus. Implements numerical methods using MATLAB, updated and expanded Takes into account the increasing use of probabilistic methods in engineering and the physical sciences Includes many updated examples, exercises, and projects drawn from the scientific and engineering literature Draws on the author's many years of experience as a practitioner and instructor Gives answers to odd-numbered problems in the back of the book Offers downloadable MATLAB code at www.crcpress.com

An Introduction to Database Systems-C. J. Date 2000 For over 25 years, C. J. Dates An Introduction to Database Systems has been the authoritative resource for readers interested in gaining insight into and understanding of the principles of database systems. This exciting revision continues to provide a solid grounding in the foundations of database technology and to provide some ideas as to how the field is likely to develop in the future. The material is organized into six major parts. Part I provides a broad introduction to the concepts of database systems in general and relational systems in particular. Part II consists of a careful description of the relational model, which is the theoretical foundation for the database field as a whole. Part III discusses the general theory of database design. Part IV is concerned with transaction management. Part V shows how relational concepts are relevant to a variety of further aspects of database technology-security, distributed databases, temporal data, decision support, and so on. Finally, Part VI describes the impact of object technology on database systems. This Seventh Edition of An Introduction to Database Systems features widely rewritten material to improve and amplify treatment o