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Electronic Circuits - Mike Tooley 2019-11-08 Electronics explained in one volume, using both theoretical and practical applications. Mike Tooley provides all the information required to get to grips with the fundamentals of electronics, detailing the underpinning knowledge necessary to appreciate the operation of a wide range of electronic circuits, including amplifiers, logic circuits, power supplies and oscillators. The 5th edition includes an additional chapter showing how a wide range of useful electronic applications can be developed in conjunction with the increasingly popular Arduino microcontroller, as well as a new section on batteries for use in electronic equipment and some additional/updated student assignments. The book's content is matched to the latest pre-degree level courses (from Level 2 up to, and including,

Foundation Degree and HND), making this an invaluable reference text for all study levels, and its broad coverage is combined with practical case studies based in real-world engineering contexts. In addition, each chapter includes a practical investigation designed to reinforce learning and provide a basis for further practical work. A companion website at http://www.key2electronics.com offers the reader a set of spreadsheet design tools that can be used to simplify circuit calculations, as well as circuit models and templates that will enable virtual simulation of circuits in the book. These are accompanied by online self-test multiple choice questions for each chapter with automatic marking, to enable students to continually monitor their own progress and understanding. A bank of online questions for lecturers to set as assignments is also available.

Understanding the Linux Kernel - Daniel Pierre Bovet 2002
To thoroughly understand what makes Linux tick and why it's so efficient, you need to delve deep into the heart of the operating system--into the Linux kernel itself. The kernel is Linux--in the case of the Linux operating system, it's the only bit of software to which the term "Linux" applies. The kernel handles all the requests or completed I/O operations and determines which programs will share its processing time, and in what order. Responsible for the sophisticated memory management of the whole system, the Linux kernel is the force behind the legendary Linux efficiency. The new edition of Understanding the Linux Kernel takes you on a guided tour through the most significant data structures, many algorithms, and programming tricks used in the kernel. Probing beyond the superficial features, the authors offer valuable insights to people who want to know how things really work inside their machine. Relevant segments of code are dissected and discussed line by line. The

book covers more than just the functioning of the code, it explains the theoretical underpinnings for why Linux does things the way it does. The new edition of the book has been updated to cover version 2.4 of the kernel, which is quite different from version 2.2: the virtual memory system is entirely new, support for multiprocessor systems is improved, and whole new classes of hardware devices have been added. The authors explore each new feature in detail. Other topics in the book include: Memory management including file buffering, process swapping, and Direct memory Access (DMA) The Virtual Filesystem and the Second Extended Filesystem Process creation and scheduling Signals, interrupts, and the essential interfaces to device drivers Timing Synchronization in the kernel Interprocess Communication (IPC) Program execution Understanding the Linux Kernel, Second Edition will acquaint you with all the inner workings of Linux, but is more than just an academic exercise. You'll learn what conditions bring out Linux's best performance, and you'll see how it meets the challenge of providing good system response during process scheduling, file access, and memory management in a wide variety of environments. If knowledge is power, then this book will help you make the most of your Linux system.
Fanuc CNC Custom Macros - Peter Smid 2004
"CNC programmers and service technicians will find this book a very useful training and reference tool to use in a production environment. Also, it will provide the basis for exploring in great depth the extremely wide and rich field of programming tools that macros truly are."--BOOK JACKET.
Linux Network Administrator's Guide - Olaf Kirch 2000
This introduction to networking on Linux now covers firewalls, including the use of ipchains and Netfilter, masquerading, and accounting. Other new topics in this second edition

include Novell (NCP/IPX) support and INN (news administration).

The Linux Development Platform - Rafeeq Ur Rehman 2003
Two leading Linux developers show how to choose the best tools for your specific needs and integrate them into a complete development environment that maximizes your effectiveness in any project, no matter how large or complex. Includes research, requirements, coding, debugging, deployment, maintenance and beyond, choosing and implementing editors, compilers, assemblers, debuggers, version control systems, utilities, using Linux Standard Base to deliver applications that run reliably on a wide range of Linux systems, comparing Java development options for Linux platforms, using Linux in cross-platform and embedded development environments.

The Essential Guide to Telecommunications - Annabel Z. Dodd 2019-03-19
"Annabel Dodd has cogently untangled the wires and switches and technobabble of the telecommunications revolution and explained how the introduction of the word 'digital' into our legislative and regulatory lexicon will affect consumers, companies and society into the next millennium." – United States Senator Edward J. Markey of Massachusetts; Member, U.S. Senate Subcommittee on Communications, Technology, Innovation, and the Internet "Annabel Dodd has a unique knack for explaining complex technologies in understandable ways. This latest revision of her book covers the rapid changes in the fields of broadband, cellular, and streaming technologies; newly developing 5G networks; and the constant changes happening in both wired and wireless networks. This book is a must-read for anyone who wants to understand the rapidly evolving world of telecommunications in the 21st century!" – David Mash, Retired Senior Vice President for Innovation, Strategy, and

Technology, Berklee College of Music Completely updated for current trends and technologies, The Essential Guide to Telecommunications, Sixth Edition, is the world's top-selling, accessible guide to the fast-changing global telecommunications industry. Writing in easy-to-understand language, Dodd demystifies today's most significant technologies, standards, architectures, and trends. She introduces leading providers worldwide, explains where they fit in the marketplace, and reveals their key strategies. New topics covered in this edition include: LTE Advanced and 5G wireless, modern security threats and countermeasures, emerging applications, and breakthrough techniques for building more scalable, manageable networks. Gain a practical understanding of modern cellular, Wi-Fi, Internet, cloud, and carrier technologies Discover how key technical, business, and regulatory innovations are changing the industry See how streaming video, social media, cloud computing, smartphones, and the Internet of Things are transforming networks Explore growing concerns about security and privacy, and review modern strategies for detecting and mitigating network breaches Learn how Software Defined Networks (SDN) and Network Function Virtualization (NFV) add intelligence to networks, enabling automation, flexible configurations, and advanced networks Preview cutting-edge, telecom-enabled applications and gear–from mobile payments to drones Whether you're an aspiring network engineer looking for a broad understanding of the industry, or a salesperson, marketer, investor, or customer, this indispensable guide provides everything you need to know about telecommunications right now. This new edition is ideal for both self-study and classroom instruction. Register your product for convenient access to downloads, updates, and/or corrections as they become available.

LCA of an ecolabeled notebook : consideration of social and environmental impacts along the entire life cycle - Andreas Ciroth 2011 This study investigates social and environmental impacts caused by an ecolabeled notebook along its entire life cycle. In order to analyse the divers effects of the laptop, a social life cycle assessment and an environmental life cycle assessment were performed in parallel. Both assessments together provide a holistic overview of positive and negative impacts in regard to social and environmental sustainability.This book contains the complete final report written by GreenDeltaTC on behalf of the Belgian Federal Public Planning Service Sustainable Development. It comprises the methodological background, the social inventory, process modifications with regard to the environmental inventory, and detailed results of the impact assessment phase. Further, a newly developed social impact assessment method is presented and applied. In addition, recommendations on company and policy level were derived.

Software Defined Networks - Paul Goransson 2016-10-25 Software Defined Networks: A Comprehensive Approach, Second Edition provides in-depth coverage of the technologies collectively known as Software Defined Networking (SDN). The book shows how to explain to business decision-makers the benefits and risks in shifting parts of a network to the SDN model, when to integrate SDN technologies in a network, and how to develop or acquire SDN applications. In addition, the book emphasizes the parts of the technology that encourage opening up the network, providing treatment for alternative approaches to SDN that expand the definition of SDN as networking vendors adopt traits of SDN to their existing solutions. Since the first edition was published, the SDN market has matured, and is being gradually integrated and morphed into something

more compatible with mainstream networking vendors. This book reflects these changes, with coverage of the OpenDaylight controller and its support for multiple southbound protocols, the Inclusion of NETCONF in discussions on controllers and devices, expanded coverage of NFV, and updated coverage of the latest approved version (1.5.1) of the OpenFlow specification. Contains expanded coverage of controllers Includes a new chapter on NETCONF and SDN Presents expanded coverage of SDN in optical networks Provides support materials for use in computer networking courses

Digital Accounting - Ashutosh Deshmukh 2006-01-01 This volume provides a foundation in digital accounting by covering such fundamental topics as accounting software, XBRL (eXtensible Business Reporting Language), and EDI. The effects of the Internet and ERP on accounting are classified and presented for each accounting cycle, along with a comprehensive discussion of online controls.

Residential Duct Systems - Manual D - Acca 2017-02 The Third Edition of ANSI/ACCA Manual D is the Air Conditioning Contractorsof America procedure for sizing residential duct systems. This procedureuses Manual J (ANSI/ACCA, Eighth Edition) heating and cooling loads todetermine space air delivery requirements. This procedure matches duct system resistance (pressure drop) to blower performance (as defined by manufacture's blower performance tables). This assures that appropriate airflow is delivered toall rooms and spaces; and that system airflow is compatible with the operatingrange of primary equipment. The capabilities and sensitivities of this procedureare compatible with single-zone systems, and multi-zone (air zoned) systems. The primary equipment can have a multi-speed blower (PSC motor), or avariable-speed

blower (ECM or constant torque motor, or a true variable speed motor).Edition Three, Version 2.50 of Manual D (D3) specifically identifiesnormative requirements, and specifically identifies related informative material.

The Fourth Industrial Revolution - Klaus Schwab 2017-01-03
World-renowned economist Klaus Schwab, Founder and Executive Chairman of the World Economic Forum, explains that we have an opportunity to shape the fourth industrial revolution, which will fundamentally alter how we live and work. Schwab argues that this revolution is different in scale, scope and complexity from any that have come before. Characterized by a range of new technologies that are fusing the physical, digital and biological worlds, the developments are affecting all disciplines, economies, industries and governments, and even challenging ideas about what it means to be human. Artificial intelligence is already all around us, from supercomputers, drones and virtual assistants to 3D printing, DNA sequencing, smart thermostats, wearable sensors and microchips smaller than a grain of sand. But this is just the beginning: nanomaterials 200 times stronger than steel and a million times thinner than a strand of hair and the first transplant of a 3D printed liver are already in development. Imagine "smart factories" in which global systems of manu-facturing are coordinated virtually, or implantable mobile phones made of biosynthetic materials. The fourth industrial revolution, says Schwab, is more significant, and its ramifications more profound, than in any prior period of human history. He outlines the key technologies driving this revolution and discusses the major impacts expected on government, business, civil society and individuals. Schwab also offers bold ideas on how to harness these changes and shape a better future—one in which

technology empowers people rather than replaces them; progress serves society rather than disrupts it; and in which innovators respect moral and ethical boundaries rather than cross them. We all have the opportunity to contribute to developing new frameworks that advance progress.

Sports and Entertainment Marketing - Ken Kaser 2007-03-29 SPORTS AND ENTERTAINMENT MARKETING. 3E incorporates feedback from instructors across the country and has expanded by three chapters. The popular sports and entertainment topics continue to be the foundation for teaching marketing concepts. Each marketing function is incorporated throughout the text and is highlighted with an icon to indicate how it is used in the marketing process. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Introduction to

Instrumentation and Measurements - Robert B. Northrop 2018-09-03 Weighing in on the growth of innovative technologies, the adoption of new standards, and the lack of educational development as it relates to current and emerging applications, the third edition of Introduction to Instrumentation and Measurements uses the authors' 40 years of teaching experience to expound on the theory, science, and art of modern instrumentation and measurements (I&M). What's New in This Edition: This edition includes material on modern integrated circuit (IC) and photonic sensors, micro-electro-mechanical (MEM) and nano-electro-mechanical (NEM) sensors, chemical and radiation sensors, signal conditioning, noise, data interfaces, and basic digital signal processing (DSP), and upgrades every chapter with the latest advancements. It contains new material on the designs of micro-electro-mechanical (MEMS) sensors,

adds two new chapters on wireless instrumentation and microsensors, and incorporates extensive biomedical examples and problems. Containing 13 chapters, this third edition: Describes sensor dynamics, signal conditioning, and data display and storage Focuses on means of conditioning the analog outputs of various sensors Considers noise and coherent interference in measurements in depth Covers the traditional topics of DC null methods of measurement and AC null measurements Examines Wheatstone and Kelvin bridges and potentiometers Explores the major AC bridges used to measure inductance, Q, capacitance, and D Presents a survey of sensor mechanisms Includes a description and analysis of sensors based on the giant magnetoresistive effect (GMR) and the anisotropic magnetoresistive (AMR) effect Provides a detailed analysis of mechanical gyroscopes, clinometers, and accelerometers Contains the classic means of measuring electrical quantities Examines digital interfaces in measurement systems Defines digital signal conditioning in instrumentation Addresses solid-state chemical microsensors and wireless instrumentation Introduces mechanical microsensors (MEMS and NEMS) Details examples of the design of measurement systems Introduction to Instrumentation and Measurements is written with practicing engineers and scientists in mind, and is intended to be used in a classroom course or as a reference. It is assumed that the reader has taken core EE curriculum courses or their equivalents.

Computational Chemistry - David Young 2004-04-07 A practical, easily accessible guide for bench-top chemists, thisbook focuses on accurately applying computational chemistrytechniques to everyday chemistry problems. Provides nonmathematical explanations of advanced topics incomputational

chemistry. Focuses on when and how to apply different computationaltechniques. Addresses computational chemistry connections to biochemicalsystems and polymers. Provides a prioritized list of methods for attacking difficultcomputational chemistry problems, and compares advantages anddisadvantages of various approximation techniques. Describes how the choice of methods of software affectsrequirements for computer memory and processing time.

Management Information Systems - Kenneth C. Laudon 2004
Management Information Systems provides comprehensive and integrative coverage of essential new technologies, information system applications, and their impact on business models and managerial decision-making in an exciting and interactive manner. The twelfth edition focuses on the major changes that have been made in information technology over the past two years, and includes new opening, closing, and Interactive Session cases.

Sustainable Energy--without the Hot Air - David J. C. MacKay 2009
Provides an overview of the sustainable energy crisis that is threatening the world's natural resources, explaining how energy consumption is estimated and how those numbers have been skewed by various factors and discussing alternate forms of energy that can and should be used.

Vehicular Networking - Christoph Sommer 2015
Learn about the basics and the future of vehicular networking research with this essential guide to in- and inter-vehicle communication.

The Design Warrior's Guide to FPGAs - Clive Maxfield 2004-06-16
Field Programmable Gate Arrays (FPGAs) are devices that provide a fast, low-cost way for embedded system designers to customize products and deliver new versions with upgraded

features, because they can handle very complicated functions, and be reconfigured an infinite number of times. In addition to introducing the various architectural features available in the latest generation of FPGAs, The Design Warrior's Guide to FPGAs also covers different design tools and flows. This book covers information ranging from schematic-driven entry, through traditional HDL/RTL-based simulation and logic synthesis, all the way up to the current state-of-the-art in pure C/C++ design capture and synthesis technology. Also discussed are specialist areas such as mixed hardward/software and DSP-based design flows, along with innovative new devices such as field programmable node arrays (FPNAs). Clive "Max" Maxfield is a bestselling author and engineer with a large following in the electronic design automation (EDA)and embedded systems industry. In this comprehensive book, he covers all the issues of interest to designers working with, or contemplating a move to, FPGAs in their product designs. While other books cover fragments of FPGA technology or applications this is the first to focus exclusively and comprehensively on FPGA use for embedded systems. First book to focus exclusively and comprehensively on FPGA use in embedded designs World-renowned best-selling author Will help engineers get familiar and succeed with this new technology by providing much-needed advice on choosing the right FPGA for any design project

Massachusetts Uniform State Plumbing Code - Commonwealth Of Massachusetts 2021-04-09 This book contains Massachusetts Uniform State Plumbing Code, 248 CMR for the all plumbing related codes for the Commonwealth of Massachusetts

Ubiquitous Computing Fundamentals - John Krumm 2018-10-08 "...a must-read text that provides a historical lens to see how ubicomp has matured into

a multidisciplinary endeavor. It will be an essential reference to researchers and those who want to learn more about this evolving field." -From the Foreword, Professor Gregory D. Abowd, Georgia Institute of Technology First introduced two decades ago, the term ubiquitous computing is now part of the common vernacular. Ubicomp, as it is commonly called, has grown not just quickly but broadly so as to encompass a wealth of concepts and technology that serves any number of purposes across all of human endeavor. While such growth is positive, the newest generation of ubicomp practitioners and researchers, isolated to specific tasks, are in danger of losing their sense of history and the broader perspective that has been so essential to the field's creativity and brilliance. Under the guidance of John Krumm, an original ubicomp pioneer, Ubiquitous Computing Fundamentals brings together eleven ubiquitous computing trailblazers who each report on his or her area of expertise.

Starting with a historical introduction, the book moves on to summarize a number of self-contained topics. Taking a decidedly human perspective, the book includes discussion on how to observe people in their natural environments and evaluate the critical points where ubiquitous computing technologies can improve their lives. Among a range of topics this book examines: How to build an infrastructure that supports ubiquitous computing applications Privacy protection in systems that connect personal devices and personal information Moving from the graphical to the ubiquitous computing user interface Techniques that are revolutionizing the way we determine a person's location and understand other sensor measurements While we needn't become expert in every sub-discipline of ubicomp, it is necessary that we appreciate all the perspectives that make up the field and understand how our work can influence and be influenced by those perspectives. This is important,

if we are to encourage future generations to be as successfully innovative as the field's originators.

Global Innovation Index 2020 - Cornell University 2020-08-13 The Global Innovation Index 2020 provides detailed metrics about the innovation performance of 131 countries and economies around the world. Its 80 indicators explore a broad vision of innovation, including political environment, education, infrastructure and business sophistication. The 2020 edition sheds light on the state of innovation financing by investigating the evolution of financing mechanisms for entrepreneurs and other innovators, and by pointing to progress and remaining challenges – including in the context of the economic slowdown induced by the coronavirus disease (COVID-19) crisis.

Principles of Refrigeration - R. Warren Marsh 1966

Modern Hydronic Heating: For Residential and Light

Commercial Buildings - John Siegenthaler 2012-07-25 From simple applications to multi-load / multi-temperature systems, learn how to use the newest and most appropriate hydronic heating methods and hardware to create system the deliver the ultimate in heating comfort, reliability, and energy efficiency. Heavily illustrated with product and installation photos, and hundreds of detailed full-color schematics, MODERN HYDRONIC HEATING, 3rd EDITION is a one-of-a-kind comprehensive reference on hydronic heating for the present and future. It transforms engineering-level design information into practical tools that can be used by technical students and heating professional alike. This revised edition features the latest design and installation techniques for residential and light commercial hydronic systems including use of renewable energy heat sources, hydraulic separation, smart circulators, distribution efficiency, thermal accumulators, mixing methods,

heat metering, and web-enabled control methods. Everyone involved in the heating trade will benefit from this preeminent resource of the North American heating industry. It is well-suited for use in a formal education course, self-study, or as an on the job reference. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Handbook of Modern Sensors - Jacob Fraden 2006-04-29
Seven years have passed since the publication of the previous edition of this book. During that time, sensor technologies have made a remarkable leap forward. The sensitivity of the sensors became higher, the dimensions became smaller, the sel- tivity became better, and the prices became lower. What have not changed are the fundamental principles of the sensor design. They are still governed by the laws of Nature. Arguably one of the greatest geniuses who ever lived, Leonardo Da Vinci, had his own peculiar way of praying. He was saying, "Oh Lord, thanks for Thou do not violate your own laws. " It is comforting indeed that the laws of Nature do not change as time goes by; it is just our appreciation of them that is being re?ned. Thus, this new edition examines the same good old laws of Nature that are employed in the designs of various sensors. This has not changed much since the previous edition. Yet, the sections that describe the practical designs are revised substantially. Recent ideas and developments have been added, and less important and nonessential designs were dropped. Probably the most dramatic recent progress in the sensor technologies relates to wide use of MEMS and MEOMS (micro-electro-mechanical systems and micro-electro-opto-mechanical systems). These are examined in this new edition with greater detail. This book is about devices commonly called sensors. The invention of a -

croprocessor has brought highly sophisticated instruments into our everyday lives.

Musings of an Energy Nerd - Martin Holladay 2016-01-05 In this fascinating collection of postings from his popular "Musings of an Energy Nerd" blog, Green Building Advisor's Martin Holladay cuts through the hype and myths about energy efficiency, sustainability, and green building to present the very best ways to make your home more energy efficient. Martin Holladay has been making weekly postings to his "Musings of an Energy Nerd" blog on Green Building Advisor since January 2009. Along the way, he has gathered a devoted following of "energy nerds" who await his weekly musings with rapt anticipation. For the first time, the 50 most popular postings have been assembled in book form to give homeowners a great opportunity to live a more energy-efficient life in their homes. The book begins with an overview of energy priorities, and a discussion of what we mean by terms likegreen and sustainable. Martin presents several options for energy upgrades for an existing house (from replacing windows to adding superinsulation) before looking at ways to improve the energy efficiency of a new house. Separate chapters follow on HVAC, domestic hot water, appliances, and renewable energy, before the book wraps up with an eye-opening chapter on useless products, scams, and myths (including Martin's list of "Stupid Energy-Saving Tips").

Project Management - Harold Kerzner 2013-01-22 A new edition of the most popular book of project management case studies, expanded to include more than 100 cases plus a "super case" on the Iridium Project Case studies are an important part of project management education and training. This Fourth Edition of Harold Kerzner's Project Management Case Studies features a number of new cases covering

value measurement in project management. Also included is the well-received "super case," which covers all aspects of project management and may be used as a capstone for a course. This new edition: Contains 100-plus case studies drawn from real companies to illustrate both successful and poor implementation of project management Represents a wide range of industries, including medical and pharmaceutical, aerospace, manufacturing, automotive, finance and banking, and telecommunications Covers cutting-edge areas of construction and international project management plus a "super case" on the Iridium Project, covering all aspects of project management Follows and supports preparation for the Project Management Professional (PMP®) Certification Exam Project Management Case Studies, Fourth Edition is a valuable resource for students, as well as practicing engineers and managers, and can be used on its own or with the new Eleventh Edition of Harold Kerzner's landmark reference, Project Management: A Systems Approach to Planning, Scheduling, and Controlling. (PMP and Project Management Professional are registered marks of the Project Management Institute, Inc.) *CCNA Data Center DCICN 200-150 Official Cert Guide* - Chad Hintz 2017-01-18 This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. CCNA Data Center DCICN 200-150 Official Cert Guide from Cisco Press allows you to succeed on the exam the first time and is the only self-study resource approved by Cisco. Cisco Data Center experts Chad Hintz, Cesar Obediente, and Ozden Karakok share preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. This complete study package includes A test-preparation routine proven to help you pass

the exam Do I Know This Already? quizzes, which allows you to decide how much time you need to spend on each section Chapter-ending exercises, which help you drill on key concepts you must know thoroughly The powerful Pearson IT Certification Practice Test software complete with hundreds of well-reviewed, exam-realistic questions customization options, and detailed performance reports final preparation chapter, which guides you through tools and resources to help you craft your review and test-taking strategies Study plan suggestions and templates to help you organize and optimize your study time Well-regarded for its level of detail, study plans, assessment features, challenging review questions and exercises, this official study guide helps you master the concepts and techniques that ensure your exam success. The official study guide helps you master topics on the CCNA Data Center DCICN 200-150 exam, including the following:

Nexus data center infrastructure and architecture Networking models, Ethernet LANs, and IPv4/IPv6 addressing/routing Data center Nexus switching and routing fundamentals Nexus switch installation and operation VLANs, trunking, STP, and Ethernet switching IPv4 and IPv6 subnetting IPv4 routing concepts, protocols, configuration, and access control Data center storage networking technologies and configurations

Information Rules - Carl Shapiro 1999
As one of the first books to distill the economics of information and networks into practical business strategies, this is a guide to the winning moves that can help business leaders--from writers, lawyers and finance professional to executives in the entertainment, publishing and hardware and software industries-- navigate successfully through the information economy.
Passive House Details - Donald B. Corner 2017-08-09

Passive House Details introduces the concepts, principles, and design processes of building ultralow-energy buildings. The objective of this book is to provide design goals, research, analysis, systems, details, and inspiring images of some of the most energy-efficient, carbon-neutral, healthy, and satisfying buildings currently built in the region. Other topics included: heat transfer, moisture management, performance targets, and climatic zones. Illustrated with more than 375 color images, the book is a visual catalog of construction details, materials, and systems drawn from projects contributed from forty firms. Fourteen in-depth case studies demonstrate the most energy-efficient systems for foundations, walls, floors, roofs, windows, doors, and more.

The Computer Engineering Handbook - Vojin G. Oklobdzija 2001-12-26 There is arguably no field in greater need of a comprehensive handbook than computer engineering. The unparalleled rate of technological advancement, the explosion of computer applications, and the now-in-progress migration to a wireless world have made it difficult for engineers to keep up with all the developments in specialties outside their own

Mapping Cyberspace - Martin Dodge 2003-09-02 Mapping Cyberspace is a ground-breaking geographic exploration and critical reading of cyberspace, and information and communication technologies. The book: * provides an understanding of what cyberspace looks like and the social interactions that occur there * explores the impacts of cyberspace, and information and communication technologies, on cultural, political and economic relations * charts the spatial forms of virutal spaces * details empirical research and examines a wide variety of maps and spatialisations of cyberspace and the information society * has a related website at

http://www.MappingCyberspace.com. This book will be a valuable addition to the growing body of literature on cyberspace and what it means for the future.

About Face - Alan Cooper 2014-09-02
The essential interaction design guide, fully revised and updated for the mobile age About Face: The Essentials of Interaction Design, Fourth Edition is the latest update to the book that shaped and evolved the landscape of interaction design. This comprehensive guide takes the worldwide shift to smartphones and tablets into account. New information includes discussions on mobile apps, touch interfaces, screen size considerations, and more. The new full-color interior and unique layout better illustrate modern design concepts. The interaction design profession is blooming with the success of design-intensive companies, priming customers to expect "design" as a critical ingredient of marketplace success. Consumers have little tolerance for websites, apps, and devices that don't live up to their expectations, and the responding shift in business philosophy has become widespread. About Face is the book that brought interaction design out of the research labs and into the everyday lexicon, and the updated Fourth Edition continues to lead the way with ideas and methods relevant to today's design practitioners and developers. Updated information includes: Contemporary interface, interaction, and product design methods Design for mobile platforms and consumer electronics State-of-the-art interface recommendations and up-to-date examples Updated Goal-Directed Design methodology Designers and developers looking to remain relevant through the current shift in consumer technology habits will find About Face to be a comprehensive, essential resource.

Sams Teach Yourself HTML5 Mobile Application Development in 24 Hours - Jennifer Kyrnin 2012

Learn how to turn Web pages into stunning mobile applications in just 24 hours or less! HTML5 adds a number of new features and APIs to the language that allow web designers to be more descriptive and effective in creating their Web pages. This guide descripes how to use the features of this software.

Implementing and Developing Cloud Computing Applications - David E. Y. Sarna 2010-11-17 From small start-ups to major corporations, companies of all sizes have embraced cloud computing for the scalability, reliability, and cost benefits it can provide. It has even been said that cloud computing may have a greater effect on our lives than the PC and dot-com revolutions combined.Filled with comparative charts and decision trees, Impleme

Windows Server 2012 Hyper-V Installation and Configuration Guide - Aidan Finn 2013-03-12 Go-to guide for using Microsoft's updated Hyper-V as avirtualization solution

Windows Server 2012 Hyper-V offers greater scalability, newcomponents, and more options than ever before for large enterprisesystems and small/medium businesses. Windows Server 2012 Hyper-VInstallation and Configuration Guide is the place to startlearning about this new cloud operating system. You'll get up tospeed on the architecture, basic deployment and upgrading, creatingvirtual workloads, designing and implementing advanced networkarchitectures, creating multitenant clouds, backup, disasterrecovery, and more. The international team of expert authors offers deep technicaldetail, as well as hands-on exercises and plenty of real-worldscenarios, so you thoroughly understand all features and how bestto use them. Explains how to deploy, use, manage, and maintain the WindowsServer 2012 Hyper-V virtualization solutions in large enterprisesand small- to medium-businesses Provides deep technical detail and plenty of exercises showingyou

how to work with Hyper-V in real-world settings Shows you how to quickly configure Hyper-V from the GUI and usePowerShell to script and automate common tasks Covers deploying Hyper-V hosts, managing virtual machines,network fabrics, cloud computing, and using file servers Also explores virtual SAN storage, creating guest clusters,backup and disaster recovery, using Hyper-V for Virtual DesktopInfrastructure (VDI), and other topics Help make your Hyper-V virtualization solution a success withWindows Server 2012 Hyper-V Installation and ConfigurationGuide.

BPMN 2.0 Handbook First Edition - Layna Fischer 2010-11-01

Principles of Information Systems - Ralph Stair 2009-01-07
Now thoroughly streamlined and revised, PRINCIPLES OF INFORMATION SYSTEMS, Ninth Edition, retains the overall vision and framework that made the previous editions so popular while eliminating outdated topics and updating information, examples, and case studies. In just 600 pages, accomplished authors Ralph Stair and George Reynolds cover IS principles and their real-world applications using timely, current business examples and hands-on activities. Regardless of their majors, students can use this book to understand and practice IS principles so they can function more effectively as workers, managers, decision makers, and organizational leaders. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.
Air Conditioning Service Manual - Intertec Publishing Corporation 1985

Idea Man - Paul Allen 2011-04-19
By his early thirties, Paul Allen was a world-famous billionaire-and that was just the

beginning. In 2007 and 2008, Time named Paul Allen, the cofounder of Microsoft, one of the hundred most influential people in the world. Since he made his fortune, his impact has been felt in science, technology, business, medicine, sports, music, and philanthropy. His passion, curiosity, and intellectual rigor-combined with the resources to launch and support new initiatives-have literally changed the world. In 2009 Allen discovered that he had lymphoma, lending urgency to his desire to share his story for the first time. In this classic memoir, Allen explains how he has solved problems, what he's learned from his many endeavors-both the triumphs and the failures-and his compelling vision for the future. He reflects candidly on an extraordinary life. The book also features previously untold stories about everything from the true origins of Microsoft to Allen's role in the dawn of private space travel (with SpaceShipOne) and in discoveries at the frontiers of brain science. With honesty, humor, and insight, Allen tells the story of a life of ideas made real.

Embedded Linux System Design and Development - P. Raghavan 2005-12-21 Based upon the authors' experience in designing and deploying an embedded Linux system with a variety of applications, Embedded Linux System Design and Development contains a full embedded Linux system development roadmap for systems architects and software programmers. Explaining the issues that arise out of the use of Linux in embedded systems, the book facilitates movement to embedded Linux from traditional real-time operating systems, and describes the system design model containing embedded Linux. This book delivers practical solutions for writing, debugging, and profiling applications and drivers in embedded Linux, and for understanding Linux BSP architecture. It enables you to

understand: various drivers such as serial, I2C and USB gadgets; uClinux architecture and its programming model; and the embedded Linux graphics subsystem. The text also promotes learning of methods to reduce system boot time, optimize memory and storage, and find memory leaks and corruption in applications. This volume benefits IT managers in planning to choose an embedded Linux distribution and in creating a roadmap for OS transition. It also describes the application of the Linux licensing model in commercial products.