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KEY=STRUCTURED - WILLIAMSON ADRIENNE

STRUCTURED COMPUTER ORGANIZATION Structured Computer Organization Prentice Hall Structured Computer Organization, specifically written for undergraduate students, is a best-selling guide that provides an accessible introduction to computer hardware and architecture. This text will also serve as a useful resource for all computer professionals and engineers who need an overview or introduction to computer architecture. This book takes a modern structured, layered approach to understanding computer systems. It's highly accessible - and it's been thoroughly updated to reflect today's most critical new technologies and the latest developments in computer organization and architecture. Tanenbaum's renowned writing style and painstaking research make this one of the most accessible and accurate books available, maintaining the author's popular method of presenting a computer as a series of layers, each one built upon the ones below it, and understandable as a separate entity. Computer Organization & Architecture: Themes and Variations Cengage Learning **COMPUTER ORGANIZATION AND ARCHITECTURE: THEMES AND VARIATIONS** stresses the structure of the complete system (CPU, memory, buses and peripherals) and reinforces that core content with an emphasis on divergent examples. This approach to computer architecture is an effective arrangement that provides sufficient detail at the logic and organizational levels appropriate for EE/ECE departments as well as for Computer Science readers. The text goes well beyond the minimal curriculum coverage and introduces topics that are important to anyone involved with computer architecture in a way that is both thought provoking and interesting to all. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. **COMPUTER ORGANIZATION AND DESIGN** PHI Learning Pvt. Ltd. The merging of computer and communication technologies with consumer electronics has opened up new vistas for a wide variety of designs of computing systems for diverse application areas. This revised and updated third edition on Computer Organization and Design strives to make the students keep pace with the changes, both in technology and pedagogy in the fast growing discipline of computer science and engineering. The basic principles of how the intended behaviour of complex functions can be realized with the interconnected network of digital blocks are explained in an easy-to-understand style. **WHAT IS NEW TO THIS EDITION** : Includes a new chapter on Computer Networking, Internet, and Wireless Networks. Introduces topics such as wireless input-output devices, RAID technology built around disk arrays, USB, SCSI, etc. Key Features Provides a large number of design problems and their solutions in each chapter. Presents state-of-the-art memory technology which includes EEPROM and Flash Memory apart from Main Storage, Cache, Virtual Memory, Associative Memory, Magnetic Bubble, and Charged Couple Device. Shows how the basic data types and data structures are supported in hardware. Besides students, practising engineers should find reading this design-oriented text both useful and rewarding. **E-COMMERCE : AN INDIAN PERSPECTIVE**, Sixth Edition PHI Learning Pvt. Ltd. The comprehensive coverage of the Sixth Edition equips students with the latest information on e-commerce—concepts, models, strategies, and techniques that can be used to build useful e-commerce applications. The book features several comprehensive and diverse case studies and data on Indian corporations, as well as multinational companies showing success and failure of their Web-based electronic business models. Coverage of a broad range of topics, including the latest developments in technology as well as taxation issues, makes the book a solid introductory text for the rapidly expanding number of courses in e-commerce for the students of business management and commerce at undergraduate and postgraduate level, and also, for the students pursuing courses in computer applications, information technology and computer science engineering. **KEY FEATURES** • Provides coverage of all elements of e-commerce, including customer relationship, supply chain management, e-payment, e-security, mobile commerce, and Web designing. • Addresses key legal issues related to taxation (including GST), privacy, copyright, and so forth. • Gives the end-of-chapter Internet search exercises to help students develop analytical skills. • Defines key technical terms in the glossary. **NEW TO THE SIXTH EDITION** • Updated tables and figures throughout the book • Mobile business models, which are gaining more importance nowadays • New topics such as business models, search engine optimization, digital payment transition in India, and so on • Augmented sections on social media marketing, security on the Internet, etc. • Completely revamped chapters on 'Information Systems for Mobile Commerce', 'Legal and Ethical Issues', and 'E-commerce Laws and Taxation Issues'. **TARGET AUDIENCE** • MBA/PGDM/BBA • MCA/BCA • B.Tech (IT/CSE) • M.Tech (IT) • M.Com/B.Com **Structure and Interpretation of Computer Programs** JavaScript Edition MIT Press A new version of the classic and widely used text adapted for the JavaScript programming language. Since the publication of its first edition in 1984 and its second edition in 1996, Structure and Interpretation of Computer Programs (SICP) has influenced computer science curricula around the world. Widely adopted as a textbook, the book has its origins in a popular entry-level computer science course taught by Harold Abelson and Gerald Jay Sussman at MIT. SICP introduces the reader to central ideas of computation by establishing a series of mental models for computation. Earlier editions used the programming language Scheme in their program examples. This new version of the second edition has been adapted for JavaScript. The first three chapters of SICP cover programming concepts that are common to all modern high-level programming languages. Chapters four and five, which used Scheme to formulate language processors for Scheme, required significant revision. Chapter four offers new material, in particular an introduction to the notion of program parsing. The evaluator and compiler in chapter five introduce a subtle stack discipline to support return statements (a prominent feature of statement-oriented languages) without sacrificing tail recursion. The JavaScript programs included in the book run in any implementation of the language that complies with the ECMAScript 2020 specification, using the JavaScript package sicp provided by the MIT Press website. **Guide to IBPS & SBI Specialist IT Officer Scale I - 6th Edition** Disha Publications The 6th edition of the book covers the 2012-2018 Solved Paper of SBI & IBPS along with complete study material of the 4 sections - English Language, Quantitative Aptitude including DI, Reasoning & Professional Knowledge. The book provides well illustrated theory with exhaustive fully solved examples for learning. This is followed with an exhaustive collection of solved questions in the form of Exercise. The book incorporates fully solved 2012 to 2018 IBPS & SBI Specialist IT Officer Scale question papers incorporated chapter-wise. The USP of the book is the Professional Knowledge section, which has been divided into 12 chapters covering all the important aspects of IT Knowledge as per the pattern of questions asked in the question paper. **Universal Access in Human-Computer Interaction. Applications and Services** 6th International Conference, UAHCI 2011, Held as Part of HCI International 2011, Orlando, FL, USA, July 9-14, 2011, Proceedings, Part IV Springer The four-volume set LNCS 6765-6768 constitutes the refereed proceedings of the 6th International Conference on Universal Access in Human-Computer Interaction, UAHCI 2011, held as Part of HCI International 2011, in Orlando, FL, USA, in July 2011, jointly with 10 other conferences addressing the latest research and development efforts and highlighting the human aspects of design and use of computing systems. The 72 revised papers included in the fourth volume were carefully reviewed and selected from numerous submissions. The papers are organized in the following topical sections: speech, communication and dialogue; interacting with documents and images; universal access to education and learning; well being, health and rehabilitation applications; and universal access in complex working environments. **Computer Networking: A Top-Down Approach Featuring the Internet**, 3/e Pearson Education India **Designing Embedded Hardware** "O'Reilly Media, Inc." Intelligent readers who want to build their own embedded computer systems-- installed in everything from cell phones to cars to handheld organizers to refrigerators-- will find this book to be the most in-depth, practical, and up-to-date guide on the market. **Designing Embedded Hardware** carefully steers between the practical and philosophical aspects, so developers can both create their own devices and gadgets and customize and extend off-the-shelf systems. There are hundreds of books to choose from if you need to learn programming, but only a few are available if you want to learn to create hardware. **Designing Embedded Hardware** provides software and hardware engineers with no prior experience in embedded systems with the necessary conceptual and design building blocks to understand the architectures of embedded systems. Written to provide the depth of coverage and real-world examples developers need, **Designing Embedded Hardware** also provides a road-map to the pitfalls and traps to avoid in designing embedded systems. **Designing Embedded Hardware** covers such essential topics as: The principles of developing computer hardware Core hardware designs Assembly language concepts Parallel I/O Analog-digital conversion Timers (internal and external) UART Serial Peripheral Interface Inter-Integrated Circuit Bus Controller Area Network (CAN) Data Converter Interface (DCI) Low-power operation This invaluable and eminently useful book gives you the practical tools and skills to develop, build, and program your own application-specific computers. **Searching and Seizing Computers and Obtaining Electronic Evidence in Criminal Investigations** Structured Negotiation A Winning Alternative to Lawsuits (Second Edition) A1ly Books "Lainey is the expert on how to work collaboratively to create long term societal inclusion." — Jenny Lay-Flurrie, Chief Accessibility Officer, Microsoft "This fantastic guide to structured negotiations provides valuable insights for anyone interested in becoming a better advocate. I really enjoyed reading this book and appreciate all the lessons within." — Haben Girma, Human rights lawyer and author of the best seller, *Haben, the Deafblind Woman Who Conquered Harvard Law*. ——— **Structured Negotiation: A Winning Alternative to Lawsuits** shares stories and strategies from 25 years of successful collaborations between the disability community and some of the largest public and private organizations in the United States. Born at the intersection of accessibility, technology, disability, and dispute resolution, the pioneering strategy described in this book has been instrumental in creating a more inclusive digital world for a quarter century. First published by the American Bar Association in 2016, the Second Edition includes new Structured Negotiation win-wins, other new content, and Forewords by Haben Girma, author of the best-selling *Haben: The Deafblind Woman Who Conquered Harvard Law* and by Susana Sucunza, Basque Country Spain collaborative lawyer and president of the Basque Country Collaborative Law Association. Not just for lawyers, the book offers an effective and path-breaking method to resolve disputes without lawsuits, and to lessen the conflict and expense of filed cases. Lawsuits play an important role in moving society forward. But the legal profession — and the public it serves — deserve less costly, less stressful, and more cooperative and ethical alternatives. Clients need a forum where stories matter. Would-be defendants need a process that allows them to do the right thing without having to prove there is no problem to begin with. **Computer Architecture A Quantitative Approach** Morgan Kaufmann **Computer Architecture: A Quantitative Approach**, Sixth Edition has been considered essential reading by instructors, students and practitioners of computer design for over 20 years. The sixth edition of this classic textbook from Hennessy and Patterson, winners of the 2017 ACM A.M. Turing Award recognizing contributions of lasting and major technical importance to the computing field, is fully revised with the latest developments in processor and system architecture. The text now features examples from the RISC-V (RISC Five) instruction set architecture, a modern RISC instruction set developed and designed to be a free and openly adoptable standard. It also includes a new chapter on domain-specific architectures and an updated chapter on warehouse-scale computing that features the first public information on Google's newest WSC. True to its original mission of demystifying computer architecture, this edition continues the longstanding tradition of focusing on areas where the most exciting computing innovation is happening, while always keeping an emphasis on good engineering design. Winner of a 2019 Textbook Excellence Award (Texty) from the Textbook and Academic Authors Association Includes a new chapter on domain-specific architectures, explaining how they are the only path forward for improved performance and energy efficiency given the end of Moore's Law and Dennard scaling Features the first publication of several DSAs from industry Features extensive updates to the chapter on warehouse-scale computing, with the first public information on the newest Google WSC Offers updates to other chapters including new material dealing with the use of stacked DRAM; data on the performance of new NVIDIA Pascal GPU vs. new AVX-512 Intel Skylake CPU; and extensive additions to content covering multicore architecture and organization Includes "Putting It All Together" sections near the end of every chapter, providing real-world technology examples that demonstrate the principles

covered in each chapter Includes review appendices in the printed text and additional reference appendices available online Includes updated and improved case studies and exercises ACM named John L. Hennessy and David A. Patterson, recipients of the 2017 ACM A.M. Turing Award for pioneering a systematic, quantitative approach to the design and evaluation of computer architectures with enduring impact on the microprocessor industry American Payroll Association (APA) Basic Guide to Payroll, 2013 Edition Wolters Kluwer It's more important than ever to be in compliance with payroll laws and regulations! How do you stay in compliance and avoid penalties? The APA Basic Guide to Payroll is written to make understanding the laws and regulations as easy as possible. And this single-volume guide is filled with tools to help you apply the law and make proper calculations - with ease! Among the many, handy features, you'll find: How to complete the W-2 Multistate surveys that give you at-a-glance answers to questions regarding key payroll requirements Our Fingertip Guide that enables you to find payroll taxability and wage-hour ramifications of benefits immediately Clear checklists that help you make precise determinations quickly and confidently And much more The APA Basic Guide to Payroll, 2013 Edition has been updated to include: Guidance on how to withhold the additional Medicare tax Enhanced information about reporting the cost of employer-sponsored healthcare coverage The FUTA credit reduction states and their additional percentages for 2012 Line-by-line example of how to complete the Form W-2 for 2012 An alert if you pay your FUTA taxes with Form 940 Why flexibility with new technology should be a factor when choosing a payroll system The new rules for the tax exclusion for employer-provided local lodging Which expense reimbursement arrangements the IRS considers to be wage characterizations What to do when a Form I-9 expires An option for a small employer to avoid the 100% penalty A line-by-line guide of how to complete the 2012 Form 940 The 2013 Social Security taxable wage base and benefit amounts An example of how to complete a 4th quarter Form 941 Which benefits are set to expire if they are not extended A calendar of 2013 federal due dates for Payroll What's new about the 2012 Form 944 What the U.S. Supreme Court had to say about a white-collar exemption for pharmaceutical reps Minimum wage rates for each state for 2013 More cases and rulings to enhance the explanation of wage and hour laws Pension contribution limits for 2013 Why tipped employers should worry about a new IRS initiative The 2013 HSA and MSA limits Why an age discrimination settlement was treated as FICA wages What the 2012 Form 945 looks like IRS-provided scenarios illustrating if local lodging is tax exempt What you can expect (due to a new revenue procedure) when you hire a payroll tax reporting agent Update on reporting lump-sum payments for child support purposes and verification of employment Employment tax ramifications for health plan rebates Additional explanation about the limit on contributions to a health FSA 2013 CONUS and high-low per diem rates Updated statistics for e-filing Additional information about reporting wages paid to deceased employees Which industry is being targeted by the federal Department of Labor, especially in California Synopsis of U.S. ruling on Arizona immigration law Why you can't always rely on an aprice quote from a consultant 2013 income limitations for contributions to IRAs and Roth IRAs How to report payments made to foreign agricultural workers Restriction on the number of EINs you can receive daily What four issues the IRS is examining regarding transit reimbursements The 2013 exam periods for the CPP and FPC exams What suggested change to the Form 941 doesn't appear to be possible How a restaurant associati Guide to the Software Engineering Body of Knowledge (Swebok(r) Version 3.0 In the Guide to the Software Engineering Body of Knowledge (SWEBOK(R) Guide), the IEEE Computer Society establishes a baseline for the body of knowledge for the field of software engineering, and the work supports the Society's responsibility to promote the advancement of both theory and practice in this field. It should be noted that the Guide does not purport to define the body of knowledge but rather to serve as a compendium and guide to the knowledge that has been developing and evolving over the past four decades. Now in Version 3.0, the Guide's 15 knowledge areas summarize generally accepted topics and list references for detailed information. The editors for Version 3.0 of the SWEBOK(R) Guide are Pierre Bourque (Ecole de technologie superieure (ETS), Universite du Quebec) and Richard E. (Dick) Fairley (Software and Systems Engineering Associates (S2EA)). The DAM Book Digital Asset Management for Photographers "O'Reilly Media, Inc." One of the main concerns for digital photographers today is asset management: how to file, find, protect, and re-use their photos. The best solutions can be found in The DAM Book, our bestselling guide to managing digital images efficiently and effectively. Anyone who shoots, scans, or stores digital photographs is practicing digital asset management (DAM), but few people do it in a way that makes sense. In this second edition, photographer Peter Krogh -- the leading expert on DAM -- provides new tools and techniques to help professionals, amateurs, and students: Understand the image file lifecycle: from shooting to editing, output, and permanent storage Learn new ways to use metadata and key words to track photo files Create a digital archive and name files clearly Determine a strategy for backing up and validating image data Learn a catalog workflow strategy, using Adobe Bridge, Camera Raw, Adobe Lightroom, Microsoft Expression Media, and Photoshop CS4 together Migrate images from one file format to another, from one storage medium to another, and from film to digital Learn how to copyright images To identify and protect your images in the marketplace, having a solid asset management system is essential. The DAM Book offers the best approach. Business Law, Alternate Edition: Text and Summarized Cases Cengage Learning This summarized case version of the best-selling title, BUSINESS LAW, ALTERNATE EDITION offers a comprehensive, authoritative, and student-friendly delivery of classic black-letter law blended with coverage of contemporary issues and cases. The cases, content, and features of the 12th edition have been thoroughly updated to represent the latest developments in business law. Excellent assortments of cases are included, ranging from precedent-setting landmarks to important recent decisions. Ethical, global, and corporate themes are integrated throughout. Numerous critical-thinking exercises challenge students to apply what they've learned to real-world issues. In addition, the text offers an unmatched range of support materials including innovative online teaching and learning resources. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Computers Helping People with Special Needs 11th International Conference, ICCHP 2008, Linz, Austria, July 9-11, 2008, Proceedings Springer Science & Business Media Welcome to the proceedings of ICCHP 2008. We were proud to welcome participants from more than 40 countries from all continents to ICCHP. The International Programme Committee, encompassing 102 experts from all over the world, selected 150 full and 40 short papers out of 360 abstracts submitted to ICCHP. Our acceptance rate of about half of the submissions, demonstrates the scientific quality of the programme and in particular the proceedings you have in your hands. An impressive group of experts agreed to organize "Special Thematic Sessions" (STS) for ICCHP 2008. The existence of these STS sessions helped to bring the meeting into sharper focus in several key areas of assistive technology. In turn, this deeper level of focus helped to bring together the state-of-the-art and mainstream technical, social, cultural and political developments. Our keynote speaker, Jim Fruchterman from BeneTech, USA highlighted the importance of giving access to ICT and AT at a global level. In another keynote by Harold Thimbleby, Swansea University, UK, the role of user-centred design and usability engineering in assistive technology and accessibility was addressed. And finally, a combination keynote and panel discussion was reserved for WAI/WCAG 2.0, which we expect to be the new reference point for Web accessibility from the summer of 2008 and beyond. Computer Architecture A Quantitative Approach Elsevier The computing world today is in the middle of a revolution: mobile clients and cloud computing have emerged as the dominant paradigms driving programming and hardware innovation today. The Fifth Edition of Computer Architecture focuses on this dramatic shift, exploring the ways in which software and technology in the cloud are accessed by cell phones, tablets, laptops, and other mobile computing devices. Each chapter includes two real-world examples, one mobile and one datacenter, to illustrate this revolutionary change. Updated to cover the mobile computing revolution Emphasizes the two most important topics in architecture today: memory hierarchy and parallelism in all its forms. Develops common themes throughout each chapter: power, performance, cost, dependability, protection, programming models, and emerging trends ("What's Next") Includes three review appendices in the printed text. Additional reference appendices are available online. Includes updated Case Studies and completely new exercises. Principles of Computer Security: CompTIA Security+ and Beyond, Sixth Edition (Exam SY0-601) McGraw Hill Professional Fully updated computer security essentials—mapped to the CompTIA Security+ SY0-601 exam Save 10% on any CompTIA exam voucher! Coupon code inside. Learn IT security fundamentals while getting complete coverage of the objectives for the latest release of CompTIA Security+ certification exam SY0-601. This thoroughly revised, full-color textbook covers how to secure hardware, systems, and software. It addresses new threats and cloud environments, and provides additional coverage of governance, risk, compliance, and much more. Written by a team of highly respected security educators, Principles of Computer Security: CompTIA Security+TM and Beyond, Sixth Edition (Exam SY0-601) will help you become a CompTIA-certified computer security expert while also preparing you for a successful career. Find out how to: Ensure operational, organizational, and physical security Use cryptography and public key infrastructures (PKIs) Secure remote access, wireless networks, and virtual private networks (VPNs) Authenticate users and lock down mobile devices Harden network devices, operating systems, and applications Prevent network attacks, such as denial of service, spoofing, hijacking, and password guessing Combat viruses, worms, Trojan horses, and rootkits Manage e-mail, instant messaging, and web security Explore secure software development requirements Implement disaster recovery and business continuity measures Handle computer forensics and incident response Understand legal, ethical, and privacy issues Online content features: Test engine that provides full-length practice exams and customized quizzes by chapter or exam objective Each chapter includes: Learning objectives Real-world examples Try This! and Cross Check exercises Tech Tips, Notes, and Warnings Exam Tips End-of-chapter quizzes and lab projects Strengthening Forensic Science in the United States A Path Forward National Academies Press Scores of talented and dedicated people serve the forensic science community, performing vitally important work. However, they are often constrained by lack of adequate resources, sound policies, and national support. It is clear that change and advancements, both systematic and scientific, are needed in a number of forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application. Strengthening Forensic Science in the United States: A Path Forward provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits of improving and regulating the forensic science disciplines are clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exoneration. Strengthening Forensic Science in the United States gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems and organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators. Computer Systems Jones & Bartlett Publishers Computer Architecture/Software Engineering Official Gazette of the United States Patent and Trademark Office Trademarks Software Engineering A Practitioner's Approach Palgrave Macmillan For over 20 years, Software Engineering: A Practitioner's Approach has been the best selling guide to software engineering for students and industry professionals alike. The sixth edition continues to lead the way in software engineering. A new Part 4 on Web Engineering presents a complete engineering approach for the analysis, design, and testing of Web Applications, increasingly important for today's students. Additionally, the UML coverage has been enhanced and significantly increased in this new edition. The pedagogy has also been improved in the new edition to include sidebars. They provide information on relevant software tools, specific work flow for specific kinds of projects, and additional information on various topics. Additionally, Pressman provides a running case study called "Safe Home" throughout the book, which provides the application of software engineering to an industry project. New additions to the book also include chapters on the Agile Process Models, Requirements Engineering, and Design Engineering. The book has been completely updated and contains hundreds of new references to software tools that address all important topics in the book. The ancillary material for the book includes an expansion of the case study, which illustrates it with UML diagrams. The On-Line Learning Center includes resources for both instructors and students such as checklists, 700 categorized web references, Powerpoints, a test bank, and a software engineering library-containing over 500 software engineering papers. TAKEAWAY HERE IS THE FOLLOWING: 1. AGILE PROCESS METHODS ARE COVERED EARLY IN CH. 42. NEW PART ON WEB APPLICATIONS --5 CHAPTERS Global Mobile Commerce: Strategies, Implementation and Case Studies Strategies, Implementation and Case Studies IGI Global Explores global m-commerce strategies and technological standards, and provides cases of the subject from a global perspective. Computing Handbook, Third Edition Computer Science and Software Engineering CRC Press Computing Handbook, Third Edition: Computer Science and Software Engineering mirrors the modern taxonomy of computer science and software engineering as described by the Association for Computing Machinery (ACM) and the IEEE Computer Society (IEEE-CS). Written by established leading experts and influential young researchers, the first volume of this popular handbook examines the elements involved in designing and implementing software, new areas in which computers are being used, and ways to solve computing

problems. The book also explores our current understanding of software engineering and its effect on the practice of software development and the education of software professionals. Like the second volume, this first volume describes what occurs in research laboratories, educational institutions, and public and private organizations to advance the effective development and use of computers and computing in today's world. Research-level survey articles provide deep insights into the computing discipline, enabling readers to understand the principles and practices that drive computing education, research, and development in the twenty-first century. A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Seventh Edition and The Standard for Project Management (BRAZILIAN PORTUGUESE) Project Management Institute PMBOK® Guide is the go-to resource for project management practitioners. The project management profession has significantly evolved due to emerging technology, new approaches and rapid market changes. Reflecting this evolution, The Standard for Project Management enumerates 12 principles of project management and the PMBOK® Guide &– Seventh Edition is structured around eight project performance domains. This edition is designed to address practitioners' current and future needs and to help them be more proactive, innovative and nimble in enabling desired project outcomes. This edition of the PMBOK® Guide: • Reflects the full range of development approaches (predictive, adaptive, hybrid, etc.); • Provides an entire section devoted to tailoring the development approach and processes; • Includes an expanded list of models, methods, and artifacts; • Focuses on not just delivering project outputs but also enabling outcomes; and • Integrates with PMI standards+™ for information and standards application content based on project type, development approach, and industry sector. Index Medicus Funding a Revolution Government Support for Computing Research National Academies Press The past 50 years have witnessed a revolution in computing and related communications technologies. The contributions of industry and university researchers to this revolution are manifest; less widely recognized is the major role the federal government played in launching the computing revolution and sustaining its momentum. Funding a Revolution examines the history of computing since World War II to elucidate the federal government's role in funding computing research, supporting the education of computer scientists and engineers, and equipping university research labs. It reviews the economic rationale for government support of research, characterizes federal support for computing research, and summarizes key historical advances in which government-sponsored research played an important role. Funding a Revolution contains a series of case studies in relational databases, the Internet, theoretical computer science, artificial intelligence, and virtual reality that demonstrate the complex interactions among government, universities, and industry that have driven the field. It offers a series of lessons that identify factors contributing to the success of the nation's computing enterprise and the government's role within it. Database Concepts and Management Systems INFORMATION SYSTEMS MANAGEMENT IN BUSINESS AND DEVELOPMENT ORGANIZATIONS (Text and Cases) PHI Learning Pvt. Ltd. Management Information Systems (MIS) has fast emerged as a multi-disciplinary area having strategic interfaces to achieve organizational objectives. This comprehensive book discusses the underlying principles of business and development organizations, identifies their core areas and prescribes approaches to develop MIS. Divided into five parts, Part I—Understanding Organizations for MIS deals with organizational issues and focuses on the rationale behind creating organizations, especially business and development organizations, to understand their distinguishing features. Part II—Systems Approach to Organizations covers conceptualization, identification, design and development of Information System (IS) for the organization in order to have better systems in place to support organizational goals. Part III—Understanding MIS discusses the relevance of MIS in organizations and the forms it can take to meet the strategic needs of the respective organizations. Part IV—Understanding Information Technologies describes possible approaches to plan, identify and deploy ICT in the acquiring organizations and provides insight into the barriers that creep in during identification and deployment of IS and ICT keeping in view the organizational objectives. Part V—Planning and Implementation of MIS concludes with a discussion on preparation of MIS plan and issues related to its implementation. The book is intended for the postgraduate students of management specializing in rural management and IT. Key Features • Describes life cycle approach and systems approach to organizations. • Contains a large number of case studies. • Provides real-life examples to put the concepts in the right perspective. Hayes' Principles and Methods of Toxicology, Sixth Edition CRC Press Hayes' Principles and Methods of Toxicology has long been established as a reliable reference to the concepts, methodologies, and assessments integral to toxicology. The new sixth edition has been revised and updated while maintaining the same high standards that have made this volume a benchmark resource in the field. With new authors and new chapters that address the advances and developments since the fifth edition, the book presents everything toxicologists and students need to know to understand hazards and mechanisms of toxicity, enabling them to better assess risk. The book begins with the four basic principles of toxicology—dose matters, people differ, everything transforms, and timing is crucial. The contributors discuss various agents of toxicity, including foodborne, solvents, crop protection chemicals, radiation, and plant and animal toxins. They examine various methods for defining and measuring toxicity in a host of areas, including genetics, carcinogenicity, toxicity in major body systems, and the environment. This new edition contains an expanded glossary reflecting significant changes in the field. New topics in this edition include: The importance of dose-response Systems toxicology Food safety The humane use and care of animals Neurotoxicology The comprehensive coverage and clear writing style make this volume an invaluable text for students and a one-stop reference for professionals. Intelligent and Knowledge-Based Computing for Business and Organizational Advancements IGI Global As organizations, businesses, and other institutions work to move forward during a new era of ubiquitous modern technology, new computing and technology implementation strategies are necessary to harness the shared knowledge of individuals to advance their organizations as a whole. Intelligent and Knowledge-Based Computing for Business and Organizational Advancements examines the emerging computing paradigm of Collective Intelligence (CI). The global contributions contained in this publication will prove to be essential to both researchers and practitioners in the computer and information science communities as these populations move toward a new period of fully technology-integrated business. Consumer-Centered Computer-Supported Care for Healthy People Proceedings of NI2006 IOS Press This publication, initiated by the Korean Society of Medical Informatics (KOSMI) and its Nursing Informatics Specialist Group, and the Special Interest Group in Nursing Informatics of the International Medical Informatics Association (IMIA-NI), is published for nurses and informatics experts working with informatics applications in nursing care, administration, research and education, bringing together the worlds of nursing informatics community. Korea is well known for having the highest level of Information and Communication Technology (ICT) accessibility in the world. Advances in ICT in Korea have led Korean health care sectors to fully utilize the benefit of ICT for health care. The theme of the book, 'Consumer-Centered Computer-Supported Care for Healthy People', emphasizes the central role of the consumer and the function of information technology in health care. It reflects the major challenge in our time, which is developing and using information technology for the improvement of consumer oriented health care. "I would seriously recommend that this book - in text form - should be available in all nursing libraries as a resource for study and reference in the expanding area of nursing and health care."--Paula M. Procter, Reader in Informatics and Telematics in Nursing, The University of Sheffield, United Kingdom. The All New Professional Knowledge for IBPS & SBI Specialist IT Officer Exams with 15 Practice Sets 6th Edition Disha Publications The thoroughly Revised & Updated new 6th edition of Professional Knowledge for IBPS & SBI Specialist IT Officer Exam 6th edition is updated as per the new pattern and with latest Solved Paper, new questions in each test + 5 New Practice Sets. The book contains 12 chapters and each chapter provides theory as per the syllabi of the recruitment examination. The chapters in the book provides exercises to help aspirants practice the concepts discussed in the chapters. Each chapter in the book contains ample number of questions designed on the lines of questions asked in previous years' Specialist IT Officer Exams. The book covers 2500+ useful questions for Professional Knowledge. The new edition also contains 15 Practice Sets designed exactly as per the latest pattern to boost the confidence of the students. Health Informatics Sixth Edition Supplement: Practical Guide for Healthcare and Information Technology Professionals Lulu.com Health Informatics: Practical Guide for Health and Information Technology Professionals Sixth Edition Supplement adds 3 new chapters. The supplement has learning objectives, case studies, recommended reading, future trends, key points, and references. Introduction to Data Science, provides a comprehensive overview with topics including databases, machine learning, big data and predictive analytics. Clinical Decision Support (CDS), covers current and salient aspects of CDS functionality, implementation, benefits, challenges and lessons learned. International Health Informatics, highlights the informatics initiatives of developed and developing countries on each continent. Available as a paperback and eBook. For more information about the textbook, visit www.informaticseducation.org. For instructors, an Instructor Manual, PDF version and PowerPoint slides are available under the Instructor's tab. Creating a Website: The Missing Manual "O'Reilly Media, Inc." You can easily create a professional-looking website with nothing more than an ordinary computer and some raw ambition. Want to build a blog, sell products, create forums, or promote an event? No problem! This friendly, jargon-free book gives you the techniques, tools, and advice you need to build a site and get it up on the Web. The important stuff you need to know: Master the basics. Learn HTML5, the language of the Web. Design good-looking pages. Use styles to build polished layouts. Get it online. Find a reliable web host and pick a good web address. Use time-saving tools. Learn free tools for creating web pages and tracking your visitors. Attract visitors. Make sure people can find your site through popular search engines like Google. Build a community. Encourage repeat visits with social media. Bring in the cash. Host Google ads, sell Amazon's wares, or push your own products that people can buy via PayPal. Add pizzazz. Include audio, video, interactive menus, and a pinch of JavaScript. Introduction to Operating Systems Behind the Desktop Bloomsbury Publishing Anyone who uses a computer is using an operating system, although very few people appreciate what an operating system is or what it does. The most visible part of an operating system is the graphical user interface (GUI) - and yet most of what an operating system does is completely invisible. Introduction to Operating Systems: Behind the Desktop takes a unique approach to the teaching of operating systems, starting with what you will already know - the GUI desktop - before taking you behind, below and beyond the scenes to explore those 'invisible' aspects of the subject. No prerequisite knowledge is assumed other than a general knowledge of programming. Introduction to Operating Systems: Behind the Desktop features: - An in-depth coverage of the core features of modern operating systems, with a wealth of examples drawn from real systems such as Windows and Linux - A concise and non-mathematical approach that allows you to get quickly to the heart of the subject - A treatment that assumes no knowledge of computer architecture - Brief Questions and more in-depth Exercises integrated throughout each chapter to promote active involvement - Practical, in-depth Projects and end-of-chapter additional resources and references to encourage further exploration - Mini-glossaries at the end of each chapter to ensure understanding of key terms, plus a unified glossary at the end of the book for quick and easy reference - A companion website includes comprehensive teaching resources for lecturers E-Learning Companion: Student's Guide to Online Success Cengage Learning E-LEARNING COMPANION serves as a resource and quick-reference guide for any course that demands technology skills. In addition to helping students adapt previously mastered skills--such as time management, note-taking, and critical thinking--to the online environment, this text shows students how social networking, cloud file storage, wikis, and blogs can be utilized appropriately and effectively in a college course. Technical terminology and how-to tutorials help students become more capable and flexible online learners, and build skills that will support them throughout college and their future careers. The Fourth Edition is fully updated to be current and relevant for today's online learning environments, and also includes new Workplace Applications, and coverage of professional behavior and professional emails. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Guide to Computer Forensics and Investigations Cengage Learning Updated with the latest advances from the field, GUIDE TO COMPUTER FORENSICS AND INVESTIGATIONS, Fifth Edition combines all-encompassing topic coverage and authoritative information from seasoned experts to deliver the most comprehensive forensics resource available. This proven author team's wide ranging areas of expertise mirror the breadth of coverage provided in the book, which focuses on techniques and practices for gathering and analyzing evidence used to solve crimes involving computers. Providing clear instruction on the tools and techniques of the trade, it introduces readers to every step of the computer forensics investigation-from lab set-up to testifying in court. It also details step-by-step guidance on how to use current forensics software. Appropriate for learners new to the field, it is also an excellent refresher and technology update for professionals in law enforcement, investigations, or computer security. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.