

Eventually, you will unconditionally discover a additional experience and achievement by spending more cash. nevertheless when? complete you give a positive response that you require to acquire those every needs like having significantly cash? Why dont you try to get something basic in the beginning? Thats something that will guide you to understand even more going on for the globe, experience, some places, when history, amusement, and a lot more?

It is your extremely own epoch to action reviewing habit. in the midst of guides you could enjoy now is IEEE Computer Journal below.



**Issues in Computer Science and Theory: 2011 Edition** IGI Global  
**Advances In Digital Government** presents a collection of in-depth articles that addresses a representative cross-section of the matrix of issues involved in implementing digital government systems. These articles constitute a survey of both the technical and policy dimensions related to the design, planning and deployment of digital government systems. The research and development projects within the technical dimension represent a wide range of governmental functions, including the provisioning of health and human services, management of energy information, multi-agency integration, and criminal justice applications. The technical issues dealt with in these projects include database and ontology integration, distributed architectures, scalability, and security and privacy. The human factors research emphasizes compliance with access standards for the disabled and the policy articles contain both conceptual models for developing digital government systems as well as real management experiences and results in deploying them. **Advances In Digital Government** presents digital government issues from the perspectives of different communities and societies. This geographic and social diversity illuminates a unique array of policy and social perspectives, exposing practitioners to new and useful ways of thinking about digital government.

### Advances in Computers ScholarlyEditions

Software engineering requires specialized knowledge of a broad spectrum of topics, including the construction of software and the platforms, applications, and environments in which the software operates as well as an understanding of the people who build and use the software. Offering an authoritative perspective, the two volumes of the **Encyclopedia of Software Engineering** cover the entire multidisciplinary scope of this important field. More than 200 expert contributors and reviewers from industry and academia across 21 countries provide easy-to-read entries that cover software requirements, design, construction, testing, maintenance, configuration management, quality control, and software engineering management tools and methods. Editor Phillip A. Laplante uses the most universally recognized definition of the areas of relevance to software engineering, the **Software Engineering Body of Knowledge (SWEBOK®)**, as a template for organizing the material. Also available in an electronic format, this encyclopedia supplies software engineering students, IT professionals, researchers, managers, and scholars with unrivaled coverage of the topics that encompass this ever-changing field. Also Available Online This Taylor & Francis encyclopedia is also available through online subscription, offering a variety of extra benefits for researchers, students, and librarians, including: Citation tracking and alerts Active reference linking Saved searches and marked lists HTML and PDF format options Contact Taylor and Francis for more information or to inquire about subscription options and print/online combination packages. US: (Tel) 1.888.318.2367; (E-mail) e-reference@taylorandfrancis.com International: (Tel) +44 (0) 20 7017 6062; (E-mail) online.sales@tandf.co.uk **Special Issue 20th IEEE Computer Security Foundations Symposium (CSF)** Springer Science & Business Media

Since its first volume in 1960, **Advances in Computers** has presented detailed coverage of innovations in computer hardware, software, theory, design, and applications. It has also provided contributors with a medium in which they can explore their subjects in greater depth and breadth than journal articles usually allow. As a result, many articles have become standard references that continue to be of significant, lasting value in this rapidly expanding field. In-depth surveys and tutorials on new computer technology Well-known authors and researchers in the field Extensive bibliographies with most chapters Many of the volumes are devoted to single themes or subfields of computer science

### Issues in Computer Engineering: 2012 Edition MIT Press

**Issues in Computer Programming / 2013 Edition** is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about Computer Simulation. The editors have built **Issues in Computer Programming: 2013 Edition** on the vast information databases of ScholarlyNews.™ You can expect the information about Computer Simulation in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content

of **Issues in Computer Programming: 2013 Edition** has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

### Your Computer Is on Fire Springer Science & Business Media

Since its first volume in 1960, **Advances in Computers** has presented detailed coverage of innovations in computer hardware, software, theory, design, and applications. It has also provided contributors with a medium in which they can explore their subjects in greater depth and breadth than journal articles usually allow. As a result, many articles have become standard references that continue to be of significant, lasting value in this rapidly expanding field. In-depth surveys and tutorials on new computer technology Well-known authors and researchers in the field Extensive bibliographies with most chapters Many of the volumes are devoted to single themes or subfields of computer science

### Dataflow Processing Elsevier

Since its first volume in 1960, **Advances in Computers** has presented detailed coverage of innovations in computer hardware, software, theory, design, and applications. It has also provided contributors with a medium in which they can explore their subjects in greater depth and breadth than journal articles usually allow. As a result, many articles have become standard references that continue to be of significant, lasting value in this rapidly expanding field. In-depth surveys and tutorials on new computer technology Well-known authors and researchers in the field Extensive bibliographies with most chapters Many of the volumes are devoted to single themes or subfields of computer science

### Internet and Distributed Computing Advancements: Theoretical Frameworks and Practical Applications SIAM

Since its first volume in 1960, **Advances in Computers** has presented detailed coverage of innovations in computer hardware, software, theory, design, and applications. It has also provided contributors with a medium in which they can explore their subjects in greater depth and breadth than journal articles usually allow. As a result, many articles have become standard references that continue to be of significant, lasting value in this rapidly expanding field. In-depth surveys and tutorials on new computer technology Well-known authors and researchers in the field Extensive bibliographies with most chapters Many of the volumes are devoted to single themes or subfields of computer science

### Proceedings of the 2017 ACM/SIGDA International Symposium on Field-Programmable Gate Arrays Springer Nature

As technology continues to play a vital role in our everyday lives, advancements in human-computer interaction studies embrace ubiquitous computing as a tool for information processing to evolve into the human environment. **Global Applications of Pervasive and Ubiquitous Computing** provides the global applications and efforts in building and applying pervasive and ubiquitous computer technology. This book provides an essential collection of research on information technology for educators, researchers, and practitioners aiming to advance the practice and understanding of pervasive and ubiquitous applications.

### Numerical computing with IEEE floating point arithmetic Your Computer Is on Fire

The term computation gap has been defined as the difference between the computational power demanded by the application domain and the computational power of the underlying computer platform. Traditionally, closing the computation gap has been one of the major and fundamental tasks of computer architects. However, as technology advances and computers become more pervasive in the society, the domain of computer architecture has been extended. The scope of research in the computer architecture is no longer restricted to the computer hardware and organization issues. A wide spectrum of topics ranging from algorithm design to power management is becoming part of the computer architecture. Based on the aforementioned trend and to reflect recent research efforts, attempts were made to select a collection of articles that covers different aspects of contemporary computer architecture design. This volume of the **Advances in Computers** contains six chapters on different aspects of computer architecture. Key features: Wide range of research topics Coverage of new topics such as power management, Network on Chip, Load balancing in distributed systems, and pervasive computing Simple writing

style Wide range of research topics Coverage of new topics such as power management, Network on Chip, Load balancing in distributed systems, and pervasive computing Simple writing style

### Intelligent Informatics Academic Press

A comprehensive collection of influential articles from one of IEEE Computer magazine's most popular columns This book is a compendium of extended and revised publications that have appeared in the "Software Technologies" column of IEEE Computer magazine, which covers key topics in software engineering such as software development, software correctness and related techniques, cloud computing, self-managing software and self-aware systems. Emerging properties of software technology are also discussed in this book, which will help refine the developing framework for creating the next generation of software technologies and help readers predict future developments and challenges in the field. Software Technology provides guidance on the challenges of developing software today and points readers to where the best advances are being made. Filled with one insightful article after another, the book serves to inform the conversation about the next wave of software technology advances and applications. In addition, the book: Introduces the software landscape and challenges associated with emerging technologies Covers the life cycle of software products, including concepts, requirements, development, testing, verification, evolution, and security Contains rewritten and updated articles by leaders in the software industry Covers both theoretical and practical topics Informative and thought-provoking throughout, **Software Technology** is a valuable book for everyone in the software engineering community that will inspire as much as it will teach all who flip through its pages.

### Green and Sustainable Computing: Springer Science & Business Media

This title provides an easily accessible yet detailed discussion of IEEE Std 754-1985, arguably the most important standard in the computer industry. The result of an unprecedented cooperation between academic computer scientists and the cutting edge of industry, it is supported by virtually every modern computer. Other topics include the floating point architecture of the Intel microprocessors and a discussion of programming language support for the standard.

### Emerging Topics in Hardware Security IGI Global

This book constitutes the thoroughly refereed post-conference proceedings of the first International Symposium on Intelligent Informatics (ISI'12) held in Chennai, India during August 4-5, 2012. The 54 revised papers presented were carefully reviewed and selected from 165 initial submissions. The papers are organized in topical sections on data mining, clustering and intelligent information systems, multi agent systems, pattern recognition, signal and image processing and, computer networks and distributed systems. The book is directed to the researchers and scientists engaged in various fields of intelligent informatics.

### AI and Cloud Computing Springer Nature

This book provides an overview of emerging topics in the field of hardware security, such as artificial intelligence and quantum computing, and highlights how these technologies can be leveraged to secure hardware and assure electronics supply chains. The authors are experts in emerging technologies, traditional hardware design, and hardware security and trust. Readers will gain a comprehensive understanding of hardware security problems and how to overcome them through an efficient combination of conventional approaches and emerging technologies, enabling them to design secure, reliable, and trustworthy hardware.

### Handbook of Research on Natural Computing for Optimization Problems Academic Press

**Advances in Computers, Volume 126** presents innovations in computer hardware, software, theory, design and applications, with this updated volume including new chapters on VLSI for Super-Computing: Creativity in R+D from Applications and Algorithms to Masks and Chips, Bulk Bitwise Execution Model in Memory: Mechanisms, Implementation, and Evaluation, Embracing the Laws of Physics: Three Reversible Models of Computation, WSNs in Environmental Monitoring: Data Acquisition and Dissemination Aspects, Energy efficient implementation of tensor operations using dataflow paradigm for machine learning, and A Run-Time Job Scheduling Algorithm for Cluster Architectures with DataFlow Accelerators. Contains novel subject matter that is relevant to computer science Includes the expertise of contributing authors Presents an easy to comprehend writing style

### Advances in Digital Government Academic Press

Since its first volume in 1960, **Advances in Computers** has presented detailed coverage of innovations in computer hardware, software, theory, design, and applications. It has also provided contributors with a medium in which they can explore their subjects in greater depth and breadth than journal articles usually allow. As a result, many articles have become standard references that continue to be of significant, lasting value in this rapidly expanding field. In-depth surveys and tutorials on new computer technology Well-known authors and researchers in the field Extensive bibliographies with most chapters Many of the volumes are devoted to single themes or subfields of computer science

IEEE Computer Society Real-World Software Engineering Problems IGI Global

Issues in Computer Science and Theory / 2011 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Computer Science and Theory. The editors have built Issues in Computer Science and Theory: 2011 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Computer Science and Theory in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Computer Science and Theory: 2011 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Innovative Solutions and Applications of Web Services Technology

Academic Press

Computer Imaging: Digital Image Analysis and Processing brings together analysis and processing in a unified framework, providing a valuable foundation for understanding both computer vision and image processing applications. Taking an engineering approach, the text integrates theory with a conceptual and application-oriented style, allowing you to immediately understand how each topic fits into the overall structure of practical application development. Divided into five major parts, the book begins by introducing the concepts and definitions necessary to understand computer imaging. The second part describes image analysis and provides the tools, concepts, and models required to analyze digital images and develop computer vision applications. Part III discusses application areas for the processing of images, emphasizing human visual perception. Part IV delivers the information required to apply a CVIPtools environment to algorithm development. The text concludes with appendices that provide supplemental imaging information and assist with the programming exercises found in each chapter. The author presents topics as needed for understanding each practical imaging model being studied. This motivates the reader to master the topics and also makes the book useful as a reference. The CVIPtools software integrated throughout the book, now in a new Windows version, provides practical examples and encourages you to conduct additional exploration via tutorials and programming exercises provided with each chapter.

Sensor Networks and Signal Processing IGI Global

Technology scholars declare an emergency: attention must be paid to the inequality, marginalization, and biases woven into our technological systems. This book sounds an alarm: we can no longer afford to be lulled into complacency by narratives of techno-utopianism, or even techno-neutrality. We should not be reassured by such soothing generalities as "human error," "virtual reality," or "the cloud." We need to realize that nothing is virtual: everything that "happens online," "virtually," or "autonomously" happens offline first, and often involves human beings whose labor is deliberately kept invisible. Everything is IRL. In *Your Computer Is on Fire*, technology scholars train a spotlight on the inequality, marginalization, and biases woven into our technological systems.

Global Applications of Pervasive and Ubiquitous Computing Academic Press

Key problems for the IEEE Computer Society Certified Software Development Professional (CSDP) Certification Program IEEE Computer Society Real-World Software Engineering Problems helps prepare software engineering professionals for the IEEE Computer Society Certified Software Development Professional (CSDP) Certification Program. The book offers workable, real-world sample problems with solutions to help readers solve common problems. In addition to its role as the definitive preparation guide for the IEEE Computer Society Certified Software Development Professional (CSDP) Certification Program, this resource also serves as an appropriate guide for graduate-level courses in software engineering or for professionals interested in sharpening or refreshing their skills. The book includes a comprehensive collection of sample problems, each of which includes the problem's statement, the solution, an explanation, and references. Topics covered include: \* Engineering economics \* Test \* Ethics \* Maintenance \* Professional practice \* Software configuration \* Standards \* Quality assurance \* Requirements \* Metrics \* Software design \* Tools and methods \* Coding \* SQA and V & V IEEE Computer Society Real-World Software Engineering Problems offers an invaluable guide to preparing for the IEEE Computer Society Certified Software Development Professional (CSDP) Certification Program for software professionals, as well as providing students with a practical resource for coursework or general study.

Connected Computing Environment Springer Nature

The implementation of cloud technologies in healthcare is paving the way to more effective patient care and management for medical professionals around the world. As more facilities start to integrate cloud computing into their healthcare systems, it is imperative to examine the emergent trends and innovations in the field. *Cloud Computing Systems and Applications in Healthcare* features innovative research on the impact that cloud technology has on patient care, disease management, and the efficiency of various medical systems. Highlighting the challenges and difficulties in implementing cloud technology into the healthcare field, this publication is a critical reference source for academicians, technology designers, engineers, professionals, analysts, and graduate students.