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Economics of Regulation and Antitrust, fifth edition - W. Kip Viscusi 2018-08-14

A thoroughly revised and updated edition of the leading textbook on government and business policy, presenting the key principles underlying sound regulatory and antitrust policy. Regulation and antitrust are key elements of government policy. This new edition of the leading textbook on government and business policy explains how the latest theoretical and empirical economic tools can be employed to analyze pressing regulatory and antitrust issues. The book departs from the common emphasis on institutions, focusing instead on the relevant underlying economic issues, using state-of-the-art analysis to assess the appropriate design of regulatory and antitrust policy. Extensive case studies illustrate fundamental principles and provide insight on key issues in regulation and antitrust policy. This fifth edition has been thoroughly revised and updated, reflecting both the latest developments in economic analysis and recent economic events. The text examines regulatory practices through the end of the Obama and beginning of the Trump administrations. New material includes coverage of global competition and the activities of the European Commission; recent mergers, including Comcast-NBC Universal; antitrust in the new economy, including investigations into Microsoft and Google; the financial crisis of 2007–2008 and the Dodd-Frank Act; the FDA approval process; climate change policies; and behavioral economics as a tool for designing regulatory strategies.

Online Teaching with Zoom - Alexia Small 2020-10-15

ONLINE TEACHING WITH ZOOM: New educational tool meant to help with teaching methods and deliver quality education to online classes: effective strategies to teach online with no-fuss. ✓ Are you stressed because of your low expertise in smart-working tools? ✓Are you looking for a beginner-friendly guide to online teaching? ✓Do you want to be able to use Zoom and Google Classroom like a pro? If your answer is YES, then keep reading. Online classes encourage you to study and learn while sitting at home with all the comfort you need. Zoom has taken a step forward amongst many platforms within this domain. The availability of video-calling and online chat services all over the world is a great innovation: the proliferation of technologies is nowadays fundamental to the online education. If you wish to learn different methods for ONLINE TEACHING, please pay close attention to the following information. The book shows all the possible features relative to ONLINE TEACHING WITH ZOOM: checking attendance, working in groups, presenting new material using interactive polls, writing on a shared whiteboard and much more. You will be able to easily reduce the trial-and-error process during the first sessions. Also, you will master the planning of your very lectures thanks to these issues, carefully explained. In a very short time, you can learn methods to handle criticism and provide feedbacks, one of the

most important aspects of online teaching. It sheds light upon major points of educational theory and proposes practices and exercises. What makes this Book book unique is the treatment of two different apps: 1) ZOOM FOR TEACHERS ✓ How to set up your own virtual classrooms using Zoom ✓How you can use Zoom's tools to ensure class discipline ✓How to use Zoom's Breakout Rooms to facilitate group projects ✓ How to keep your online meetings safe and secure for your students ✓How to easily access to Zoom meetings, even in case of no previous knowledge ✓How to increase meeting security with Zoom's built-in tools 2) GOOGLE CLASSROOM ✓How to get started with Google Classroom, create and configure an account like a pro by saving 30 days of training. ✓Step by step Training Video ✓Google Meet Grid View ✓The 3 powerful apps embeddable with Google Classroom and extensions you can use to improve your Google Class ✓Companion applications (Google Sheets, Slides and forms, calendar, doc, etc.) ✓5 Tips to communicate effectively in the online environment This handbook is suited for those who found difficult to understand how to manage ZOOM MEETINGS through books, seminars, and other online resources: without using complex language, this guide will show you how to teach online profitably. This tutorial is "step-by-step comprehensive", clear, concise and user friendly. Furthermore, it is very helpful for those who are not technologically expert. If you intend to stay up-to-date in the realm of online learning, this book is ideal for you. ONLINE TEACHING WITH ZOOM is driven by the idea that technology is an asset and not a barrier. Its contents embody all information you need to manage your smart-working effectively with no time waste. NOW SCROLL UP , CLICK ON THE "BUY NOW" BUTTON AND AVOID ALL THE BLUNDERS YOU MADE BEFORE

Advances in Information Retrieval - Paul Clough 2011-04-12

This book constitutes the refereed proceedings of the 33rd annual European Conference on Information Retrieval Research, ECIR 2011, held in Dublin, Ireland, in April 2010. The 45 revised full papers presented together with 24 poster papers, 17 short papers, and 6 tool demonstrations were carefully reviewed and selected from 223 full research paper submissions and 64 poster/demo submissions. The papers are organized in topical sections on text categorization, recommender systems, Web IR, IR evaluation, IR for Social Networks, cross-language IR, IR theory, multimedia IR, IR applications, interactive IR, and question answering /NLP.

PC Magazine - 1986

S. 1938, the Cabin-User-Fee Fairness Act of 1999 - United States. Congress. Senate. Committee on Agriculture, Nutrition, and Forestry. Subcommittee on Forestry, Conservation, and Rural Revitalization 2001 "While many of us enjoy fast off-road machines or watercraft or hiking in our back country with high-tech

gear, others enjoy a relaxing weekend at their cabin in the woods with their family and their friends. The Recreational Residence Program allowed families all across the country an opportunity to use our national forests. This quiet, somewhat uneventful program continues to produce close bonds and remarkable memories for hundreds of thousands of Americans. But in order to secure the future of the cabin program, this Congress needs to re-examine the basis on which these fees are now being determined"--Page 1.

Web Page Recommendation Models - Sule Gunduz-Oguducu 2022-06-01

One of the application areas of data mining is the World Wide Web (WWW or Web), which serves as a huge, widely distributed, global information service for every kind of information such as news, advertisements, consumer information, financial management, education, government, e-commerce, health services, and many other information services. The Web also contains a rich and dynamic collection of hyperlink information, Web page access and usage information, providing sources for data mining. The amount of information on the Web is growing rapidly, as well as the number of Web sites and Web pages per Web site. Consequently, it has become more difficult to find relevant and useful information for Web users. Web usage mining is concerned with guiding the Web users to discover useful knowledge and supporting them for decision-making. In that context, predicting the needs of a Web user as she visits Web sites has gained importance. The requirement for predicting user needs in order to guide the user in a Web site and improve the usability of the Web site can be addressed by recommending pages to the user that are related to the interest of the user at that time. This monograph gives an overview of the research in the area of discovering and modeling the users' interest in order to recommend related Web pages. The Web page recommender systems studied in this monograph are categorized according to the data mining algorithms they use for recommendation. Table of Contents: Introduction to Web Page Recommender Systems / Preprocessing for Web Page Recommender Models / Pattern Extraction / Evaluation Metrics

Digital Computer User's Handbook - Melvin Klerer 1967

A Course in Analysis - Niels Jacob 2017-06-29

In this third volume of "A Course in Analysis", two topics indispensable for every mathematician are treated: Measure and Integration Theory; and Complex Function Theory. In the first part measurable spaces and measure spaces are introduced and Carathéodory's extension theorem is proved. This is followed by the construction of the integral with respect to a measure, in particular with respect to the Lebesgue measure in the Euclidean space. The Radon-Nikodym theorem and the transformation theorem are discussed and much care is taken to handle convergence theorems with applications, as well as L_p -spaces. Integration on product spaces and Fubini's theorem is a further topic as is the discussion of the relation between the Lebesgue integral and the Riemann integral. In addition to these standard topics we deal with the Hausdorff measure, convolutions of functions and measures including the Friedrichs mollifier, absolutely continuous functions and functions of bounded variation. The fundamental theorem of calculus is revisited, and we also look at Sard's theorem or the Riesz-Kolmogorov theorem on pre-compact sets in L_p -spaces. The text can serve as a companion to lectures, but it can also be used for self-studying. This volume includes more than 275 problems solved completely in detail which should help the student further. Contents: Measure and Integration Theory: First Look at σ -Fields and Measures Extending Pre-Measures. Carathéodory's Theorem The Lebesgue-Borel Measure and Hausdorff Measures Measurable Mappings Integration with

Respect to a Measure – The Lebesgue Integral The Radon-Nikodym Theorem and the Transformation Theorem Almost Everywhere Statements, Convergence Theorems Applications of the Convergence Theorems and More Integration on Product Spaces and Applications Convolutions of Functions and Measures Differentiation Revisited Selected Topics Complex-Valued Functions of a Complex Variable: The Complex Numbers as a Complete Field A Short Digression: Complex-Valued Mappings Complex Numbers and Geometry Complex-Valued Functions of a Complex Variable Complex Differentiation Some Important Functions Some More Topology Line Integrals of Complex-Valued Functions The Cauchy Integral Theorem and Integral Formula Power Series, Holomorphy and Differential Equations Further Properties of Holomorphic Functions Meromorphic Functions The Residue Theorem The Γ -Function, The ζ -Function and Dirichlet Series Elliptic Integrals and Elliptic Functions The Riemann Mapping Theorem Power Series in Several Variables Appendices: More on Point Set Topology Measure Theory, Topology and Set Theory More on Möbius Transformations Bernoulli Numbers Readership: Undergraduate students in mathematics.

Applications of Mathematics and Informatics in Natural Sciences and Engineering - George Jaiani 2020-11-28

This book presents peer-reviewed papers from the 4th International Conference on Applications of Mathematics and Informatics in Natural Sciences and Engineering (AMINSE2019), held in Tbilisi, Georgia, in September 2019. Written by leading researchers from Austria, France, Germany, Georgia, Hungary, Romania, South Korea and the UK, the book discusses important aspects of mathematics, and informatics, and their applications in natural sciences and engineering. It particularly focuses on Lie algebras and applications, strategic graph rewriting, interactive modeling frameworks, rule-based frameworks, elastic composites, piezoelectrics, electromagnetic force models, limiting distribution, degenerate Ito-SDEs, induced operators, subgaussian random elements, transmission problems, pseudo-differential equations, and degenerate partial differential equations. Featuring theoretical, practical and numerical contributions, the book will appeal to scientists from various disciplines interested in applications of mathematics and informatics in natural sciences and engineering.

Semantic Web and Web Science - Juanzi Li 2013-06-13

The book will focus on exploiting state of the art research in semantic web and web science. The rapidly evolving world-wide-web has led to revolutionary changes in the whole of society. The research and development of the semantic web covers a number of global standards of the web and cutting edge technologies, such as: linked data, social semantic web, semantic web search, smart data integration, semantic web mining and web scale computing. These proceedings are from the 6th Chinese Semantics Web Symposium.

Bulletin - 1984

Parklawn Computer Center User 's Guide - 1987

Medical Economics - Harrie Sheridan Baketel 1988

Matrix and Tensor Factorization Techniques for Recommender Systems - Panagiotis Symeonidis 2017-01-29

This book presents the algorithms used to provide recommendations by exploiting matrix factorization and tensor decomposition techniques. It highlights well-known decomposition methods for recommender systems, such as Singular Value Decomposition (SVD), UV-decomposition, Non-negative Matrix Factorization (NMF), etc. and describes in detail the pros and cons of each method for matrices and tensors. This book provides a detailed theoretical mathematical background of matrix/tensor factorization techniques and a step-by-step analysis of each method on the basis of an

integrated toy example that runs throughout all its chapters and helps the reader to understand the key differences among methods. It also contains two chapters, where different matrix and tensor methods are compared experimentally on real data sets, such as Epinions, GeoSocialRec, Last.fm, BibSonomy, etc. and provides further insights into the advantages and disadvantages of each method. The book offers a rich blend of theory and practice, making it suitable for students, researchers and practitioners interested in both recommenders and factorization methods. Lecturers can also use it for classes on data mining, recommender systems and dimensionality reduction methods.

ICC '79 Conference Record - 1979

Sport Aviation and the Experimenter - 1993

Canadian Tax Journal - 1992

Design, User Experience, and Usability. Practice and Case Studies - Aaron Marcus 2019-07-10

The four-volume set LNCS 11583, 11584, 11585, and 11586 constitutes the proceedings of the 8th International Conference on Design, User Experience, and Usability, DUXU 2019, held as part of the 21st International Conference, HCI International 2019, which took place in Orlando, FL, USA, in July 2019. The total of 1274 papers and 209 posters included in the 35 HCII 2019 proceedings volumes was carefully reviewed and selected from 5029 submissions. DUXU 2019 includes a total of 167 regular papers, organized in the following topical sections: design philosophy; design theories, methods, and tools; user requirements, preferences emotions and personality; visual DUXU; DUXU for novel interaction techniques and devices; DUXU and robots; DUXU for AI and AI for DUXU; dialogue, narrative, storytelling; DUXU for automated driving, transport, sustainability and smart cities; DUXU for cultural heritage; DUXU for well-being; DUXU for learning; user experience evaluation methods and tools; DUXU practice; DUXU case studies.

Location Management and Routing in Mobile Wireless Networks - Amitava Mukherjee 2003

As wireless users have become increasingly mobile, tracking their location and establishing communications links between them have become critical. Location management, paging and routing are the key technologies for performing these crucial functions. This comprehensive work examines past, present and future advances in location management and routing protocols for both single-hop and multi-hop mobile wireless networks.

American Machinist & Automated Manufacturing - 1923

Providing Public Services to Remote Users - C. Brigid Welch 1993

Film User - 1957

The Energy Supply Planning Model: User's manual and appendices - 1975

Modern Telecommunications - Martin J N Sibley 2018-04-17

Telecommunications is fundamental to modern society, with nearly everyone on the planet having access to a mobile phone, Wi-Fi, or satellite and terrestrial broadcast systems. This book is a concise analysis of both the basics of telecommunications as well as numerous advanced systems. It begins with a discussion of why we perform modulation of a carrier signal, continuing with a study of noise affecting all telecommunications links, be they digital or analogue in form. Digital communications techniques are examined in *Modern Telecommunications: Basic Principles and Practices*. Such an examination is crucial since radio, television, and satellite broadcasts are transmitted

using a digital format. Analogue modulations are also considered. The logic behind such an investigation is because, whereas most broadcast systems are moving towards digital transmission, analogue techniques are still very much prevalent (most notably with AM and FM broadcasts). A topic that is often neglected in text books on telecommunications but is at the forefront of Modern Telecommunications concerns transmission lines. This is an important area of work since every length of coaxial cable used to convey signals from an antenna to a receiver is a transmission line. It is vitally important that a transmission line linking a transmitter to the antenna is matched and this topic is explored in great detail in several chapters dealing with Smith charts. Explains the background behind digital TV and radio as well as the legacy of analogue transmissions. Presents materials in a way that minimizes mathematics, making the topic more approachable and interesting to users. Provides a look at familiar systems that readers encounter in their everyday life (including mobile phones, Wi-Fi hotspots, satellites, digital TV, etc.). Demonstrates techniques and topics through end-of-chapter problems. Presents materials in an introductory form, making the information easily understandable and suitable for an undergraduate option course.

InfoWorld - 1990-06-04

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

Security in Computing and Communications - Sabu M. Thampi 2021-02-09

This book constitutes revised selected papers of the 8th International Symposium on Security in Computing and Communications, SSCC 2020, held in Chennai, India, in October 2020. Due to the COVID-19 pandemic the conference was held online. The 13 revised full papers and 8 revised short papers presented were carefully reviewed and selected from 42 submissions. The papers cover wide research fields including cryptography, database and storage security, human and societal aspects of security and privacy.

Using R for Introductory Statistics - John Verzani 2018-10-03

The second edition of a bestselling textbook, *Using R for Introductory Statistics* guides students through the basics of R, helping them overcome the sometimes steep learning curve. The author does this by breaking the material down into small, task-oriented steps. The second edition maintains the features that made the first edition so popular, while updating data, examples, and changes to R in line with the current version. See *What's New in the Second Edition*: Increased emphasis on more idiomatic R provides a grounding in the functionality of base R. Discussions of the use of RStudio helps new R users avoid as many pitfalls as possible. Use of knitr package makes code easier to read and therefore easier to reason about. Additional information on computer-intensive approaches motivates the traditional approach. Updated examples and data make the information current and topical. The book has an accompanying package, *UsingR*, available from CRAN, R's repository of user-contributed packages. The package contains the data sets mentioned in the text (`data(package="UsingR")`), answers to selected problems (`answers()`), a few demonstrations (`demo()`), the errata (`errata()`), and sample code from the text. The topics of this text line up closely with traditional teaching progression; however, the book also highlights computer-intensive approaches to motivate the more traditional approach. The authors emphasize realistic data and examples and rely on visualization techniques to gather insight. They introduce statistics and R seamlessly, giving students the tools they need to use R and the information they need to navigate the sometimes complex

world of statistical computing.

Data and Applications Security and Privacy XXVII -
Lingyu Wang 2013-07-10

This book constitutes the refereed proceedings of the 27th IFIP WG 11.3 International Conference on Data and Applications Security and Privacy, DBSec 2013, held in Newark, NJ, USA in July 2013. The 16 revised full and 6 short papers presented were carefully reviewed and selected from 45 submissions. The papers are organized in topical sections on privacy, access control, cloud computing, data outsourcing, and mobile computing.

Computer Systems Architecture - Aharon Yadin 2016-08-03
Computer Systems Architecture provides IT professionals and students with the necessary understanding of computer hardware. It addresses the ongoing issues related to computer hardware and discusses the solutions supplied by the industry. The book describes trends in computing solutions that led to the current available infrastructures, tracing the initial need for computers to recent concepts such as the Internet of Things. It covers computers' data representation, explains how computer architecture and its underlying meaning changed over the years, and examines the implementations and performance enhancements of the central processing unit (CPU). It then discusses the organization, hierarchy, and performance considerations of computer memory as applied by the operating system and illustrates how cache memory significantly improves performance. The author proceeds to explore the bus system, algorithms for ensuring data integrity, input and output (I/O) components, methods for performing I/O, various aspects relevant to software engineering, and nonvolatile storage devices, such as hard drives and technologies for enhancing performance and reliability. He also describes virtualization and cloud computing and the emergence of software-based systems' architectures. Accessible to software engineers and developers as well as students in IT disciplines, this book enhances readers' understanding of the hardware infrastructure used in software engineering projects. It enables readers to better optimize system usage by focusing on the principles used in hardware systems design and the methods for enhancing performance.

Optical Fiber Telecommunications VB - Ivan Kaminow
2010-07-28

Optical Fiber Telecommunications V (A&B) is the fifth in a series that has chronicled the progress in the research and development of lightwave communications since the early 1970s. Written by active authorities from academia and industry, this edition not only brings a fresh look to many essential topics but also focuses on network management and services. Using high bandwidth in a cost-effective manner for the development of customer applications is a central theme. This book is ideal for R&D engineers and managers, optical systems implementers, university researchers and students, network operators, and the investment community. Volume (A) is devoted to components and subsystems, including: semiconductor lasers, modulators, photodetectors, integrated photonic circuits, photonic crystals, specialty fibers, polarization-mode dispersion, electronic signal processing, MEMS, nonlinear optical signal processing, and quantum information technologies. Volume (B) is devoted to systems and networks, including: advanced modulation formats, coherent systems, time-multiplexed systems, performance monitoring, reconfigurable add-drop multiplexers, Ethernet technologies, broadband access and services, metro networks, long-haul transmission, optical switching, microwave photonics, computer interconnections, and simulation tools. Biographical Sketches Ivan Kaminow retired from Bell Labs in 1996 after a 42-year career. He conducted seminal studies on electrooptic modulators and materials, Raman scattering in ferroelectrics, integrated optics, semiconductor

lasers (DBR, ridge-waveguide InGaAsP and multi-frequency), birefringent optical fibers, and WDM networks. Later, he led research on WDM components (EDFAs, AWGs and fiber Fabry-Perot Filters), and on WDM local and wide area networks. He is a member of the National Academy of Engineering and a recipient of the IEEE/OSA John Tyndall, OSA Charles Townes and IEEE/LEOS Quantum Electronics Awards. Since 2004, he has been Adjunct Professor of Electrical Engineering at the University of California, Berkeley. Tingye Li retired from AT&T in 1998 after a 41-year career at Bell Labs and AT&T Labs. His seminal work on laser resonator modes is considered a classic. Since the late 1960s, He and his groups have conducted pioneering studies on lightwave technologies and systems. He led the work on amplified WDM transmission systems and championed their deployment for upgrading network capacity. He is a member of the National Academy of Engineering and a foreign member of the Chinese Academy of Engineering. He is a recipient of the IEEE David Sarnoff Award, IEEE/OSA John Tyndall Award, OSA Ives Medal/Quinn Endowment, AT&T Science and Technology Medal, and IEEE Photonics Award. Alan Willner has worked at AT&T Bell Labs and Bellcore, and he is Professor of Electrical Engineering at the University of Southern California. He received the NSF Presidential Faculty Fellows Award from the White House, Packard Foundation Fellowship, NSF National Young Investigator Award, Fulbright Foundation Senior Scholar, IEEE LEOS Distinguished Lecturer, and USC University-Wide Award for Excellence in Teaching. He is a Fellow of IEEE and OSA, and he has been President of the IEEE LEOS, Editor-in-Chief of the IEEE/OSA J. of Lightwave Technology, Editor-in-Chief of Optics Letters, Co-Chair of the OSA Science & Engineering Council, and General Co-Chair of the Conference on Lasers and Electro-Optics.

The English and Empire Digest - 1924

IBM XIV Storage System Architecture and Implementation -
Bertrand Dufrasne 2017-11-03

Not a new version - included warning for self signed X509 certificates - see section 5.2 This IBM® Redbooks® publication describes the concepts, architecture, and implementation of the IBM XIV® Storage System. The XIV Storage System is a scalable enterprise storage system that is based on a grid array of hardware components. It can attach to both Fibre Channel Protocol (FCP) and IP network Small Computer System Interface (iSCSI) capable hosts. This system is a good fit for clients who want to be able to grow capacity without managing multiple tiers of storage. The XIV Storage System is suited for mixed or random access workloads, including online transaction processing, video streamings, images, email, and emerging workload areas, such as Web 2.0 and cloud storage. The focus of this edition is on the XIV Gen3 running Version 11.5.x of the XIV system software, which brings enhanced value for the XIV Storage System in cloud environments. It offers multitenancy support, VMware vCloud Suite integration, more discrete performance classes, and RESTful API enhancements that expand cloud automation integration. Version 11.5 introduces support for three-site mirroring to provide high availability and disaster recovery. It also enables capacity planning through the Hyper-Scale Manager, mobile push notifications for real-time alerts, and enhanced security. Version 11.5.1 supports 6TB drives and VMware vSphere Virtual Volumes (VVOL). In the first few chapters of this book, we describe many of the unique and powerful concepts that form the basis of the XIV Storage System logical and physical architecture. We explain how the system eliminates direct dependencies between the hardware elements and the software that governs the system. In subsequent chapters, we explain the planning and preparation tasks that are required to deploy the system in your environment by using the intuitive yet powerful XIV Storage Manager GUI or the

XIV command-line interface. We also describe the performance characteristics of the XIV Storage System and present options for alerting and monitoring, including enhanced secure remote support. This book is for IT professionals who want an understanding of the XIV Storage System. It is also for readers who need detailed advice on how to configure and use the system.

Mapping Scientific Frontiers - Chaomei Chen 2013-07-30
This is an examination of the history and the state of the art of the quest for visualizing scientific knowledge and the dynamics of its development. Through an interdisciplinary perspective this book presents profound visions, pivotal advances, and insightful contributions made by generations of researchers and professionals, which portrays a holistic view of the underlying principles and mechanisms of the development of science. This updated and extended second edition: highlights the latest advances in mapping scientific frontiers examines the foundations of strategies, principles, and design patterns provides an integrated and holistic account of major developments across disciplinary boundaries "Anyone who tries to follow the exponential growth of the literature on citation analysis and scientometrics knows how difficult it is to keep pace. Chaomei Chen has identified the significant methods and applications in visual graphics and made them clear to the uninitiated. Derek Price would have loved this book which not only pays homage to him but also to the key players in information science and a wide variety of others in the sociology and history of science." – Eugene Garfield "This is a wide ranging book on information visualization, with a specific focus on science mapping. Science mapping is still in its infancy and many intellectual challenges remain to be investigated and many of which are outlined in the final chapter. In this new edition Chaomei Chen has provided an essential text, useful both as a primer for new entrants and as a comprehensive overview of recent developments for the seasoned practitioner." – Henry Small
Chaomei Chen is a Professor in the College of Information Science and Technology at Drexel University, Philadelphia, USA, and a ChangJiang Scholar at Dalian University of Technology, Dalian, China. He is the Editor-in-Chief of Information Visualization and the author of Turning Points: The Nature of Creativity (Springer, 2012) and Information Visualization: Beyond the Horizon (Springer, 2004, 2006).

DIR--directory of information resources user's guide - United States Postal Service 1988

High Performance Computing - Alex Veidenbaum 2003-11-18
The 5th International Symposium on High Performance Computing (ISHPC-V) was held in Odaiba, Tokyo, Japan, October 20–22, 2003. The symposium was thoughtfully planned, organized, and supported by the ISHPC Organizing Committee and its collaborating organizations. The ISHPC-V program included two keynote speeches, several invited talks, two panel discussions, and technical sessions covering theoretical and applied research topics in high-performance computing and representing both academia and industry. One of the regular sessions highlighted the research results of the

ITBL project (IT-based research laboratory, <http://www.itbl.riken.go.jp/>). ITBL is a Japanese national project started in 2001 with the objective of realizing a virtual joint research environment using information technology. ITBL aims to connect 100 supercomputers located in main Japanese scientific research laboratories via high-speed networks. A total of 58 technical contributions from 11 countries were submitted to ISHPC-V. Each paper received at least three peer reviews. After a thorough evaluation process, the program committee selected 14 regular (12-page) papers for presentation at the symposium. In addition, several other papers with favorable reviews were recommended for a poster session presentation. They are also included in the proceedings as short (8-page) papers. The program committee gave a distinguished paper award and a best student paper award to two of the regular papers. The distinguished paper award was given for "Code and Data Transformations for Improving Shared Cache Performance on SMT Processors" by Dimitrios S. Nikolopoulos. The best student paper award was given for "Improving Memory Latency Aware Fetch Policies for SMT Processors" by Francisco J. Cazorla.

Encyclopedia AutoCAD, Release 11 - Robert M. Thomas 1991

Health Risk Assessment Program User's Guide, Version 2.0e - Vicente J. Garza 1996

Supplying Data to Users - W. J. Ozga 1979

"This publication contains a description of the various types of streamflow, water level, and sediment data that are available and how they can be requested"--Abstract, p. v.

Internetworking and Computing Over Satellite Networks - Yongguang Zhang 2012-12-06

The emphasis of this text is on data networking, internetworking and distributed computing issues. The material surveys recent work in the area of satellite networks, introduces certain state-of-the-art technologies, and presents recent research results in these areas.

Energy and Spectrum Efficient Wireless Network Design - Guowang Miao 2014-11-27

Covering the fundamental principles and state-of-the-art cross-layer techniques, this practical guide provides the tools needed to design MIMO- and OFDM-based wireless networks that are both energy- and spectrum-efficient. Technologies are introduced in parallel for both centralized and distributed wireless networks to give you a clear understanding of the similarities and differences between their energy- and spectrum-efficient designs, which is essential for achieving the highest network energy saving without losing performance. Cutting-edge green cellular network design technologies, enabling you to master resource management for next-generation wireless networks based on MIMO and OFDM, and detailed real-world implementation examples are provided to guide your engineering design in both theory and practice. Whether you are a graduate student, a researcher or a practitioner in industry, this is an invaluable guide.