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IETE Journal of Research - 2001

The UNIX-haters Handbook - Simson Garfinkel 1994
This book is for all people who are forced to use UNIX. It is a humorous book--pure entertainment--that maintains that UNIX is a computer virus with a user interface. It features letters from the thousands posted on the Internet's "UNIX-Haters" mailing list. It is not a computer handbook, tutorial, or reference. It is a self-help book that will let readers know they are not alone.

Fuzzy Systems & Operations Research and Management - Bing-Yuan Cao 2015-07-31
This book includes results of the seventh International Conference on Fuzzy Information and Engineering (ICFIE'2014) and the 1st International Conference of Operations Research and Management (ICORM'2014) on November 7-11, 2014 in ZhuHai, China. The book, contains 35 selected high-quality papers, and is divided into five main parts: Part I focuses on ``Fuzzy Systems and Its Applications", Part II on ``Fuzzy Mathematics and Its Applications", Part III discusses ``Fuzzy Information and Computer", Part IV is devoted to ``Operations Research and Management and Its Applications" and Part V includes various other topics.

Conference Record - 2002

IBM Spectrum Scale Erasure Code Edition: Planning and Implementation Guide - Bill Owen 2019-10-15
This IBM® Redpaper introduces the IBM Spectrum® Scale Erasure Code Edition (ECE) as a scalable, high-performance data and file management solution. ECE is designed to run on any commodity server that meets the ECE minimum hardware requirements. ECE provides all the functionality, reliability, scalability, and performance of IBM Spectrum Scale with the added benefit of network-dispersed IBM Spectrum Scale RAID, which provides data protection, storage efficiency, and the ability to manage storage in hyperscale environments that are composed from commodity hardware. In this publication, we explain the benefits of ECE and the use cases where we believe it fits best. We also provide a technical introduction to IBM Spectrum Scale RAID. Next, we explain the key aspects of planning an installation, provide an example of an installation scenario, and describe the key aspects of day-to-day management and a process for problem determination. We conclude with an overview of possible enhancements that are being considered for future versions of IBM Spectrum Scale Erasure Code Edition. Overall knowledge of IBM Spectrum Scale Erasure Code Edition is critical to planning a successful storage system deployment. This paper is targeted toward technical professionals (consultants, technical support staff, IT Architects, and IT Specialists) who are responsible for delivering cost effective storage solutions. The goal of this paper is to describe the benefits of using IBM Spectrum Scale Erasure Code Edition for the creation of high performing storage systems.

Dissertation Abstracts International - 2002

Official Gazette of the United States Patent and Trademark Office - 2000

Behavioral Finance: The Second Generation - Meir Statman 2019-12-02
Behavioral finance presented in this book is the second-generation of behavioral finance. The first generation, starting in the early 1980s, largely accepted standard finance's notion of people's wants as "rational" wants—restricted to the utilitarian benefits of high returns and low risk.

That first generation commonly described people as "irrational"—succumbing to cognitive and emotional errors and misled on their way to their rational wants. The second generation describes people as normal. It begins by acknowledging the full range of people's normal wants and their benefits—utilitarian, expressive, and emotional—distinguishes normal wants from errors, and offers guidance on using shortcuts and avoiding errors on the way to satisfying normal wants. People's normal wants include financial security, nurturing children and families, gaining high social status, and staying true to values. People's normal wants, even more than their cognitive and emotional shortcuts and errors, underlie answers to important questions of finance, including saving and spending, portfolio construction, asset pricing, and market efficiency.

Advances in Financial Planning and Forecasting (New Series) Vol∏9 - Cheng F. Lee 2018-01-01
Advances in Financial Planning and Froecasting (New Series) is an annual publication designed to disseminate developments in the area of financial analysis, planning, and forecasting. The publication is a froum for statistical, quantitative, and accounting analyses of issues in financial analysis and planning in terms of finance, accounting, and economic data.

Wireless and Mobile Network Architectures - Lin 2001
A comprehensive guide to building wireless and mobile networks and services. Based on advanced wireless and mobile network architectures, Personal Communication Services (PCS) offers the enterprise freedom of communication through mobility. This book gives network engineers and managers a window on the world of wireless and mobile networks, from the enabling technologies and protocols to creating and managing mobile services. Lin and Chlamtac use a unique sustained example approach to teach you how PCS concepts apply to real network operation. For example, they use location update to illustrate concepts in chapters on network signaling, * Mobility management for different systems * Wireless Application Protocol * Network signaling for IS-41-based systems, PACS, and GSM * Roaming procedures and international roaming * Operational management * VoIP service for mobile networks * Mobile number portability * GPRS * Third generation (3G) mobile systems * Wireless enterprise networks * Wireless Local Loop * And much more

Wireless and Mobile All-IP Networks - Yi-Bing Lin 2005-11-22
Looks at the number one advancement currently emerging from 3GPP (Third Generation Partnership Project) in global wireless growth: the development of wireless applications based only on the Internet Protocol (IP) which drives the Web Focusing on the emerging all-IP core network and applications, this book covers 3G and shows how the all-IP core network can be developed and how applications can be created Contains review questions and their solutions at the end of each chapter, all of which have been tested, as well as models for implementation

Advances in Multimedia Modeling - Shipeng Li 2013-01-05
The two-volume set LNCS 7732 and 7733 constitutes the thoroughly refereed proceedings of the 19th International Conference on Multimedia Modeling, MMM 2012, held in Huangshan, China, in January 2013. The 30 revised regular papers, 46 special session papers, 20 poster session papers, and 15 demo session papers, and 6 video browser showdown were carefully reviewed and selected from numeroues submissions. The two volumes contain papers presented in the topical sections on multimedia annotation I and II, interactive and mobile multimedia, classification, recognition and tracking I and II, ranking in search, multimedia representation, multimedia systems, poster papers, special session papers, demo session papers, and video browser

showdown.

Machinery, Materials Science and Energy Engineering (ICMMSEE 2015) - Guangde Zhang 2015-07-03
With the rapid development of machinery, materials science and energy engineering technology in China, new theories and application results constantly appear. Higher and newer requirements in these fields are sought by business enterprises and members of the engineering profession. This conference was held to further promote the exchange and cooperation among local researchers, to upgrade the academic standards and international influence on the study of these fields in China, and to play a positive role in bridging the gap with the international research community. This volume consists of 106 peer-reviewed articles by local and foreign eminent scholars which cover the frontiers and hot topics in machinery and process equipment, materials science, energy engineering and mechatronics. Contents:Machinery and Process EquipmentMaterials ScienceEnergy EngineeringMechatronics Engineering Readership: Researchers and professional. Key Features:The proceedings collected together R&D results recently funded and undertaken by researchers from China, and other countriesKeywords:Machinery and Process Equipment;Materials Science;Energy Engineering;Mechatronics Mechanics

Index of Patents Issued from the United States Patent and Trademark Office -

Adaptive Wireless Communications - Daniel W. Bliss 2013-05-09
Adopting a balanced mix of theory, algorithms and practical design issues, this comprehensive volume explores cutting-edge applications in adaptive wireless communications and the implications these techniques have for future wireless network performance. Presenting practical concerns in the context of different strands from information theory, parameter estimation theory, array processing and wireless communication, the authors present a complete picture of the field. Topics covered include advanced multiple-antenna adaptive processing, ad hoc networking, MIMO, MAC protocols, space-time coding, cellular networks and cognitive radio, with the significance and effects of both internal and external interference a recurrent theme throughout. A broad, self-contained technical introduction to all the necessary mathematics, statistics, estimation theory and information theory is included, and topics are accompanied by a range of engaging end-of-chapter problems. With solutions available online, this is the perfect self-study resource for students of advanced wireless systems and wireless industry professionals.

Strengthening Forensic Science in the United States - National Research Council 2009-07-29
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.

Index to IEEE Publications - Institute of Electrical and Electronics Engineers 1998
Issues for 1973- cover the entire IEEE technical literature.

The Mobile Communications Handbook - Jerry D. Gibson 1999-02-23
In a single volume, The Mobile Communications Handbook 2nd. Edition covers the entire field - from principles of analog and digital communications to cordless telephones, wireless local area networks (LANs), and international technology standards. The amazing scope of the handbook ensures that it will be the primary reference for every

aspect of mobile communications.

The Communications Handbook - Jerry D. Gibson 2018-10-08
For more than six years, The Communications Handbook stood as the definitive, one-stop reference for the entire field. With new chapters and extensive revisions that reflect recent technological advances, the second edition is now poised to take its place on the desks of engineers, researchers, and students around the world. From fundamental theory to state-of-the-art applications, The Communications Handbook covers more areas of specialty with greater depth that any other handbook available. Telephony Communication networks Optical communications Satellite communications Wireless communications Source compression Data recording Expertly written, skillfully presented, and masterfully compiled, The Communications Handbook provides a perfect balance of essential information, background material, technical details, and international telecommunications standards. Whether you design, implement, buy, or sell communications systems, components, or services, you'll find this to be the one resource you can turn to for fast, reliable, answers.

Science Abstracts - 1995

Index Medicus - 2003

Data Science - Beiji Zou 2017-09-15
This two volume set (CCIS 727 and 728) constitutes the refereed proceedings of the Third International Conference of Pioneering Computer Scientists, Engineers and Educators, ICPCSEE 2017 (originally ICYCSEE) held in Changsha, China, in September 2017. The 112 revised full papers presented in these two volumes were carefully reviewed and selected from 987 submissions. The papers cover a wide range of topics related to Basic Theory and Techniques for Data Science including Mathematical Issues in Data Science, Computational Theory for Data Science, Big Data Management and Applications, Data Quality and Data Preparation, Evaluation and Measurement in Data Science, Data Visualization, Big Data Mining and Knowledge Management, Infrastructure for Data Science, Machine Learning for Data Science, Data Security and Privacy, Applications of Data Science, Case Study of Data Science, Multimedia Data Management and Analysis, Data-driven Scientific Research, Data-driven Bioinformatics, Data-driven Healthcare, Data-driven Management, Data-driven eGovernment, Data-driven Smart City/Planet, Data Marketing and Economics, Social Media and Recommendation Systems, Data-driven Security, Data-driven Business Model Innovation, Social and/or organizational impacts of Data Science.

Conference Proceedings - 2004

Report of the Presidential Commission on the Space Shuttle Challenger Accident - DIANE Publishing Company 1995-07
Reviews the circumstances surrounding the Challenger accident to establish the probable cause or causes of the accident. Develops recommendations for corrective or other action based upon the Commission1s findings and determinations. Color photos, charts and tables.

Modulation and Coding Techniques in Wireless Communications - Evgenii Krouk 2011-01-19
The high level of technical detail included in standards specifications can make it difficult to find the correlation between the standard specifications and the theoretical results. This book aims to cover both of these elements to give accessible information and support to readers. It explains the current and future trends on communication theory and shows how these developments are implemented in contemporary wireless communication standards. Examining modulation, coding and multiple access techniques, the book is divided into two major sections to cover these functions. The two-stage approach first treats the basics of modulation and coding theory before highlighting how these concepts are defined and implemented in modern wireless communication systems. Part 1 is devoted to the presentation of main L1 procedures and methods including modulation, coding, channel equalization and multiple access techniques. In Part 2, the uses of these procedures and methods in the wide range of wireless communication standards including WLAN, WiMax, WCDMA, HSPA, LTE and cdma2000 are considered. An essential study of the implementation of modulation and coding techniques in modern standards of wireless communication Bridges the gap between the modulation coding theory and the wireless communications standards material Divided into two parts to systematically tackle the topic - the first part develops techniques which are then applied and tailored to real world systems in the second part Covers special aspects

of coding theory and how these can be effectively applied to improve the performance of wireless communications systems

The Mobile Communications Handbook - Jerry D. Gibson 1999-04
In a single volume, this handbook covers the entire field -- from principles of analog and digital communications to cordless telephones, wireless LANs, and international technology standards. The tremendous scope of this second edition ensures that its serving as the primary reference for every aspect of mobile communications. Details and references follow preliminary discussions, providing readers with the most accurate information available on the particular topic.

AI 2018: Advances in Artificial Intelligence - Tanja Mitrovic 2018-12-03
This book constitutes the proceedings of the 31st Australasian Joint Conference on Artificial Intelligence, AI 2018, held in Wellington, New Zealand, in December 2018. The 50 full and 26 short papers presented in this volume were carefully reviewed and selected from 125 submissions. The paper were organized in topical sections named: agents, games and robotics; AI applications and innovations; computer vision; constraints and search; evolutionary computation; knowledge representation and reasoning; machine learning and data mining; planning and scheduling; and text mining and NLP.

International Aerospace Abstracts - 1998

Information Theory - 1989
Proceedings of the International Workshop on Information Theory held in Beijing, July, 1988. Topics include: coding; networks and protocols; channels and sequences; decoding, detection, and estimation; and source and channel coding. The printing, from photocopies of contributor's papers, is inconsis

A Hands-On Introduction to Using Python in the Atmospheric and Oceanic Sciences - Johnny Wei-Bing Lin 2012-08-18
This book is a mini-course for researchers in the atmospheric and oceanic sciences. "We assume readers will already know the basics of programming... in some other language." - Back cover.

Advances in Financial Planning and Forecasting (New Series) Vol⃞8 - Cheng F. Lee 2017-01-01
Advances in Financial Planning and Froecasting (New Series) is an annual publication designed to disseminate developments in the area of financial analysis, planning, and forecasting. The publication is a froum for statistical, quantitative, and accounting analyses of issues in financial analysis and planning in terms of finance, accounting, and economic data.

The Rust Programming Language (Covers Rust 2018) - Steve Klabnik 2019-09-03
The official book on the Rust programming language, written by the Rust development team at the Mozilla Foundation, fully updated for Rust 2018. The Rust Programming Language is the official book on Rust: an open source systems programming language that helps you write faster, more reliable software. Rust offers control over low-level details (such as memory usage) in combination with high-level ergonomics, eliminating the hassle traditionally associated with low-level languages. The authors of The Rust Programming Language, members of the Rust Core Team, share their knowledge and experience to show you how to take full advantage of Rust's features--from installation to creating robust and scalable programs. You'll begin with basics like creating functions, choosing data types, and binding variables and then move on to more advanced concepts, such as: • Ownership and borrowing, lifetimes, and traits • Using Rust's memory safety guarantees to build fast, safe programs • Testing, error handling, and effective refactoring • Generics, smart pointers, multithreading, trait objects, and advanced pattern matching • Using Cargo, Rust's built-in package manager, to build, test, and document your code and manage dependencies • How best to use Rust's advanced compiler with compiler-led programming techniques You'll find plenty of code examples throughout the book, as well as three chapters dedicated to building complete projects to test your learning: a number guessing game, a Rust implementation of a command line tool, and a multithreaded server. New to this edition: An extended section on Rust macros, an expanded chapter on modules, and appendixes on Rust development tools and editions.

□□□□ - 2007

Mathematical Reviews - 2007

Understanding and Using Linear Programming - Jiri Matousek 2007-07-04
The book is an introductory textbook mainly for students of computer science and mathematics. Our guiding phrase is "what every theoretical computer scientist should know about linear programming". A major focus is on applications of linear programming, both in practice and in theory. The book is concise, but at the same time, the main results are covered with complete proofs and in sufficient detail, ready for presentation in class. The book does not require more prerequisites than basic linear algebra, which is summarized in an appendix. One of its main goals is to help the reader to see linear programming "behind the scenes".

Advanced Video Communications over Wireless Networks - Ce Zhu 2017-12-19
Wireless video communications encompass a broad range of issues and opportunities that serve as the catalyst for technical innovations. To disseminate the most recent advances in this challenging yet exciting field, Advanced Video Communications over Wireless Networks provides an in-depth look at the fundamentals, recent technical achievements, challenges, and emerging trends in mobile and wireless video communications. The editors have carefully selected a panel of researchers with expertise in diverse aspects of wireless video communication to cover a wide spectrum of topics, including the underlying theoretical fundamentals associated with wireless video communications, the transmission schemes tailored to mobile and wireless networks, quality metrics, the architectures of practical systems, as well as some novel directions. They address future directions, including Quality-of-Experience in wireless video communications, video communications over future networks, and 3D video communications. The book presents a collection of tutorials, surveys, and original contributions, providing an up-to-date, accessible reference for further development of research and applications in mobile and wireless video communication systems. The range of coverage and depth of expertise make this book the go-to resource for facing current and future challenges in this field.

Proceedings - 2005

Journal of Zhejiang University - 2006

Who's Who in Technology - Amy L. Unterburger 1989

Charging for Mobile All-IP Telecommunications - Yi-Bing Lin 2008-09-15
This book provides a complete and comprehensive overview of 3G UMTS charging services Evolving from offline billing of traditional telecommunications, charging for IP services in mobile networks is challenging; charging convergence is one of the major trends in the telecom industry. Advanced mobile telecommunications incorporates data applications with real-time control and management, and requires a convergent and flexible online charging system. Such convergence is essential to mitigate fraud and credit risks in order to provide more personalized information to users about charges and credit limit controls. Charging for Mobile All-IP Telecommunications provides comprehensive and practical coverage of online and offline charging based on mobile operator experiences, and the latest efforts undertaken by the UMTS specifications. Key features: Presents a complete overview of the telecommunications charging system, including the evolution from 2G to 3G and all-IP network charging frameworks Discusses all management aspects related to charging and billing processes, with a focus on the major trends and developments within the telecoms industry Provides an overview of the telecom networks such as PSTN, GSM, UMTS and IMS Covers the concepts of the telecom charging on mobile services and the new technologies for implementing online charging system, such as GTP' and Diameter protocol Contains coverage on network nodes and data flows in relation to charging of mobile applications, such as IMS call and content downloading Explains the IP-based online charging system, protocol details and recent trends in charging for mobile telecom industry This book is an invaluable resource for graduate students, telecoms and IP engineers, network service providers and system architects. Information technologists and networking equipment manufacturers will also find this book insightful.