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Smart Water Technologies and Techniques Oct 21 2022 An insightful examination of smart water systems and technology. Inland water supplies are under increasing pressure. Climate, social, and demographic change have begun tipping the balance toward demand management, as supplies begin to dwindle. Water and wastewater infrastructure will play a central role in the management of this increasingly valuable resource, and *Smart Water Technologies and Techniques: Data Capture and Analysis for Sustainable Water Management* provides insight on a key part of the solution. Smart water applications optimize the way water and wastewater services are used, allowing more efficient allocation of limited resources while adding flexibility to the system. Automation, real-time data capture, and rapid interpretation allow utilities and users to monitor, manage, and act on the part of the water cycle that matters to them, minimizing costs of providing service through optimal use of extant assets. This book brings together the core principles, key developments, and current state-of-the-art into a single resource that: Considers smart water within operational, economic, policy, and regulatory contexts. Provides a comprehensive overview of the smart water concept and the latest advances in the field. Examines key considerations and objections raised to date. Discusses the potential value of smart water, from perception to policy. Shows how smart water systems can optimize efficiency and flexibility of water and wastewater management. Explores future directions for smart water development in the pursuit of balanced supply and demand. Although primarily designed for water supply and sanitation, smart water systems may be applied to irrigation, reservoir and dam management, inland water flows, and more, making it a valuable asset as water scarcity begins to spread around the globe. This book answers the questions, assuages concerns, and explains the technology that could revolutionize the way water is accessed and supplied.

New Trends in Software Methodologies, Tools and Techniques Jun 17 2022 Software has become an essential enabler for science and the economy. Not only does it create new markets and the possibility of a more reliable, flexible and robust society, it also empowers our exploration of the world in ever increasing depth. However software often falls short of our expectations, with current methodologies, tools and techniques remaining insufficiently robust and reliable for constantly changing and evolving needs. This book presents papers from the 15th International Conference on New Trends in Intelligent Software Methodology Tools and Techniques (SoMeT 16), held in Larnaca, Cyprus, in September 2016. The SoMeT conference focuses on exploring the innovations, controversies and challenges facing the software engineering community, bringing together theory and experience to propose and evaluate solutions to software

engineering problems with an emphasis on human-centric software methodologies, end-user development techniques, and emotional reasoning, for an optimally harmonized performance between the design tool and the user. The book is divided into six chapters covering the following areas: decision support systems; software methodologies and tools; requirement engineering; software for biomedicine and bioinformatics; software engineering models, and formal techniques for software representation; and intelligent software development and social networking. The book explores new trends and theories which illuminate the direction of developments in the field, and will be of interest to all in the software science community.

Database Theory - ICDT 2001 Jul 18 2022 This book constitutes the refereed proceedings of the 8th International Conference on Database Theory, ICDT 2001, held in London, UK, in January 2001. The 26 revised full papers presented together with two invited papers were carefully reviewed and selected from 75 submissions. All current issues on database theory and the foundations of database systems are addressed. Among the topics covered are database queries, SQL, information retrieval, database logic, database mining, constraint databases, transactions, algorithmic aspects, semi-structured data, data engineering, XML, term rewriting, clustering, etc.

Computerworld Jan 12 2022 For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

High Performance Data Network Design Feb 25 2023 High-Performance Data Network Design contains comprehensive coverage of network design, performance, and availability. Tony Kenyon provides the tools to solve medium- to large-scale data network design problems from the ground up. He lays out a practical and systematic approach that integrates network planning, research, design, and deployment, using state-of-the-art techniques in performance analysis, cost analysis, simulation, and topology modeling. The proliferation and complexity of data networks today is challenging our ability to design and manage them effectively. A new generation of Internet, e-commerce, and multimedia applications has changed traditional assumptions on traffic dynamics, and demands tight quality of service and security guarantees. These issues, combined with the economics of moving large traffic volumes across international backbones, mean that the demands placed on network designers, planners, and managers are now greater than ever before. High-Performance Data Network Design is a "must have" for anyone seriously involved in designing data networks. Together with the companion volume, *Data Networks:*

Routing, Security, and Performance Optimization, this book gives readers the guidance they need to plan, implement, and optimize their enterprise infrastructure. · Provides real insight into the entire design process · Includes basic principles, practical advice, and examples of design for industrial-strength enterprise data networks · Integrates topics often overlooked—backbone optimization, bottleneck analysis, simulation tools, and network costing

Energy Research Abstracts Sep 27 2020

Cancer Treatment Reports Sep 08 2021

Theory of Cryptography Aug 27 2020 The LNCS series reports state-of-the-art results in computer science research, development, and education, at a high level and in both printed and electronic form. Enjoying tight cooperation with the R & D community, with numerous individuals, as well as with prestigious organizations and societies, LNCS has grown into the most comprehensive computer science research forum available. The scope of LNCS, including its subseries LNAI and LNBI, spans the whole range of computer science and information technology including interdisciplinary topics in a variety of application fields. The type of material published traditionally includes proceedings (published in time for the respective conference) post-proceedings (consisting of thoroughly revised final full papers) research monographs (which may be based on outstanding PhD work, research projects, technical reports, etc.) More recently, several color-cover or sublines have been added featuring, beyond a collection of papers, various added-value components; these sublines include tutorials (textbook-like monographs or collections of lectures given at advanced courses) state-of-the-art surveys (offering complete and mediated coverage hot topics (introducing emergent topics in the broader community) In parallel to the printed book, each new volume is published electronically in LNCS Online. Book jacket.

Computerworld Mar 14 2022 For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

Perspectives and Techniques for Improving Information Technology Project Management May 04 2021 *Perspectives and Techniques for Improving Information Technology Project Management* discusses the variety of information systems and how it can improve project management and, likewise, how project management can affect the growth of information systems. Using new frameworks, technologies and methods, this comprehensive collection is useful for professionals, researchers and software developers interested in learning more on this emerging field.

Understanding Online Instructional

Modeling: Theories and Practices Feb 01 2021 Higher education is currently undergoing significant changes, and conditions in higher education reflect changing financial, social, and political conditions, which affect both faculty and students. Both the rising costs of education and changes from brick-and-mortar to technologically-driven programs often lead to a change from the traditional space-and-time bound institution to ones that offer cost-effective technologically enhanced programs. Online learning has become an integral and expansive factor in higher education?both in distance learning and as an adjunct to the traditional classroom. *Understanding Online Instructional Modeling: Theories and Practices* focuses on both theoretical and practical aspects of online learning by introducing a variety of online instructional models as well as best practices that help educators and professional trainers to better understand the dynamics of online learning.

Top Technique & Special Stitch Afghans May 24 2020 41 magnificent afghans all in one organized crochet technique and stitch library. One book includes everything from basic stitches to wonderful ages-old techniques that will elevate skills to a new level.

Intelligent Distributed Computing XIII Dec 11 2021 This book gathers research contributions on recent advances in intelligent and distributed computing. A major focus is placed on new techniques and applications for several highlydemanded research directions: Internet of Things, Cloud Computing and Big Data, Data Mining and Machine Learning, Multi-agent and Service-Based Distributed Systems, Distributed Algorithms and Optimization, Modeling Operational Processes, Social Network Analysis and Inappropriate Content Counteraction, Cyber-Physical Security and Safety, Intelligent Distributed Decision Support Systems, Intelligent Human-Machine Interfaces, VisualAnalytics and others. The book represents the peer-reviewed proceedings of the 13thInternational Symposium on Intelligent Distributed Computing (IDC 2019), which was held in St. Petersburg, Russia, from October 7 to 9, 2019.

Harmonic Balance Finite Element Method Oct 09 2021 The first book applying HBFEM to practical electronic nonlinear field and circuit problems • Examines and solves wide aspects of practical electrical and electronic nonlinear field and circuit problems presented by HBFEM • Combines the latest research work with essential background knowledge, providing an all-encompassing reference for researchers, power engineers and students of applied electromagnetics analysis • There are very few books dealing with the solution of nonlinear electric- power-related problems • The contents are based on the authors' many years' research and industry experience; they approach the subject in a well-designed and logical way • It is expected that HBFEM will become a more useful and practical technique over the next 5 years due to the HVDC power system, renewable energy system and Smart Grid, HF magnetic used in DC/DC converter, and Multi-pulse transformer for HVDC power supply • HBFEM can provide effective and economic solutions to R&D product development • Includes Matlab exercises

Nordic Contributions in IS Research Nov 10

2021 This book contains the refereed proceedings of the 7th Scandinavian Conference on Information Systems, SCIS 2016, as well as of the IFIP Working Group 8.6 Conference, both held together in Ljungskile, Sweden, August 2016. The 7th SCIS conference had the theme "Living in the cloud" and highlighted the digitalization of society, that has proceeded and entered almost all aspects of our lives. The double-blind review process led to the acceptance of 9 out of 25 paper submitted. For the IFIP 8.6 conference, the theme in 2016 was "Diffusion of IS for Learning New Practices" and addressed issues related to learning of new practices from both organizational and societal perspectives traditionally covered by the IFIP Working Group 8.6. For this conference, 4 out of 11 manuscript were accepted for presentation.

International Virtual Conference on Industry 4.0 Apr 15 2022 This book presents the proceedings of the International Virtual Conference on Industry 4.0 (IVCI4.0 2020). This conference brings together specialists from the academia and industry sectors to promote the exchange of knowledge, ideas, and information on the latest developments and applied technologies in the field of Industry 4.0. The book discusses a wide range of topics such as the design of smart and intelligent products, developments in recent technologies, rapid prototyping and reverse engineering, multistage manufacturing processes, manufacturing automation in the Industry 4.0 model, cloud-based products, and cyber-physical and reconfigurable systems, etc. The volume supports the transfer of vital knowledge to the next generation of academics and practitioners.

Visions in Conflict May 16 2022 A conflict in visions stands at the center of major international and national crises in the Middle East, Africa, Asia, or elsewhere. Whether in mass killing, genocide, or intractable conflict, ideology is usually present and plays important role. By ideology (political, religious, economic, social, or some other) is meant visions of social arrangements and human relations that provide meaning and hope for a group. Such ideologies can identify others as enemies who stand in the way of their fulfillment. The present volume contains essays written by authors from around the world on powerful vehicles of conflict resolution-namely, religion, psychology, education and training, psychotherapy, and sports. It is our sincere hope that these essays shed light on the process of peace and reconciliation.

Visions in Psychotherapy Research and Practice Sep 20 2022 The Society for Psychotherapy Research (SPR) is devoted to the development and dissemination of research, as well as the integration of empirical, theoretical, and clinical knowledge in psychotherapy. A highlight of the SPR annual meeting is the presidential address, wherein the president delivers what many view as the most important presentation of their career. In *Visions of Psychotherapy*, Bernhard Strauss, Jacques Barber, and Louis Castonguay, three recent past presidents, compile the preceding 20 presidential addresses from SPR into a single volume. Then, the living presidents (19 of the 20) comment on how the visions they described in their addresses have developed over time.

Manual for the Certification of Laboratories Analyzing Drinking Water Mar 22 2020

The Effects of Different Sterilisation Techniques on the Physical Characteristics of Human Type 1 Collagen Membrane Nov 22 2022

Practical Electronics: Components and Techniques Jan 24 2023 How much do you need to know about electronics to create something interesting, or creatively modify something that already exists? If you'd like to build an electronic device, but don't have much experience with electronics components, this hands-on workbench reference helps you find answers to technical questions quickly. Filling the gap between a beginner's primer and a formal textbook, *Practical Electronics* explores aspects of electronic components, techniques, and tools that you would typically learn on the job and from years of experience. Even if you've worked with electronics or have a background in electronics theory, you're bound to find important information that you may not have encountered before. Among the book's many topics, you'll discover how to: Read and understand the datasheet for an electronic component Use uncommon but inexpensive tools to achieve more professional-looking results Select the appropriate analog and digital ICs for your project Select and assemble various types of connectors Do basic reverse engineering on a device in order to modify (hack) it Use open source tools for schematic capture and PCB layout Make smart choices when buying new or used test equipment

Practical Data Communications for Instrumentation and Control Mar 02 2021 Overview of Data Communications; Basic Data Communication Principles; Physical Serial Communication Standards; Error Detection; Cabling Basics; Electrical Noise and Interference; Modems and Multiplexers; Introduction to Protocols; Open Systems Interconnection Model; Industrial Protocols; HART Protocol; Open Industrial Fieldbus and DeviceNet Systems; Local Area Networks; Appendix A: Numbering Systems; Appendix B: Cyclic Redundancy Check (CRC) Program Listing; Appendix C: Serial Link Design; Glossary.

A Method for Estimating Escalation and Interest During Construction (EDC and IDC) Jan 20 2020

Web-Based Services: Concepts, Methodologies, Tools, and Applications Dec 31 2020 The recent explosion of digital media, online networking, and e-commerce has generated great new opportunities for those Internet-savvy individuals who see potential in new technologies and can turn those possibilities into reality. It is vital for such forward-thinking innovators to stay abreast of all the latest technologies. *Web-Based Services: Concepts, Methodologies, Tools, and Applications* provides readers with comprehensive coverage of some of the latest tools and technologies in the digital industry. The chapters in this multi-volume book describe a diverse range of applications and methodologies made possible in a world connected by the global network, providing researchers, computer scientists, web developers, and digital experts with the latest knowledge and developments in Internet technologies.

Industrial Activities Bulletin Aug 19 2022
Multidimensional Databases: Problems and Solutions Aug 07 2021 Multidimensional Databases: Problems and Solutions strives to be the point of reference for the most important issues in the field of multidimensional databases. This book provides a brief history of the field and distinguishes between what is new in recent research and what is merely a renaming of old concepts. In addition Multidimensional Databases: Problems and Solutions outlines the incredible advances in technology and ever increasing demands from users in the most diverse applicative areas such as finance, medicine, statistics, business, and many more. Many of the most distinguished and well-known researchers have contributed to this book writing about their own specific field.

Learning Malware Analysis Feb 13 2022 Understand malware analysis and its practical implementation Key Features Explore the key concepts of malware analysis and memory forensics using real-world examples Learn the art of detecting, analyzing, and investigating malware threats Understand adversary tactics and techniques Book Description Malware analysis and memory forensics are powerful analysis and investigation techniques used in reverse engineering, digital forensics, and incident response. With adversaries becoming sophisticated and carrying out advanced malware attacks on critical infrastructures, data centers, and private and public organizations, detecting, responding to, and investigating such intrusions is critical to information security professionals. Malware analysis and memory forensics have become must-have skills to fight advanced malware, targeted attacks, and security breaches. This book teaches you the concepts, techniques, and tools to understand the behavior and characteristics of malware through malware analysis. It also teaches you techniques to investigate and hunt malware using memory forensics. This book introduces you to the basics of malware analysis, and then gradually progresses into the more advanced concepts of code analysis and memory forensics. It uses real-world malware samples, infected memory images, and visual diagrams to help you gain a better understanding of the subject and to equip you with the skills required to analyze, investigate, and respond to malware-related incidents. What you will learn Create a safe and isolated lab environment for malware analysis Extract the metadata associated with malware Determine malware's interaction with the system Perform code analysis using IDA Pro and x64dbg Reverse-engineer various malware functionalities Reverse engineer and decode common encoding/encryption algorithms Reverse-engineer malware code injection and hooking techniques Investigate and hunt malware using memory forensics Who this book is for This book is for incident responders, cyber-security investigators, system administrators, malware analyst, forensic practitioners, student, or curious security professionals interested in learning malware analysis and memory forensics. Knowledge of programming languages such as C and Python is helpful but is not mandatory. If you have written few lines of code and have a basic understanding of programming concepts, you'll be able to get most out of this book.

Challenges for Radiation Transport Modelling: Monte Carlo and Beyond Jun 24 2020
Green Computing in Smart Cities: Simulation and Techniques Jul 06 2021 The book collects the latest research and thinking from international experts on green computing and the smart city. The financial and environmental costs of energy are a concern in smart cities due to the high usage of computing, technology, security, IoT, communications, traffic, and other technologies. This book tackles this problem with a focus on computing, reporting on various approaches being taken worldwide, illustrated by several international case studies demonstrating these approaches. Researchers use this book as an up-to-date reference and engineers use it as a guide for the design and implementation of real solutions.

Knowledge Management Tools and Techniques Dec 19 2019 Knowledge management (KM) - or the practice of using information and collaboration technologies and processes to capture organizational learning and thereby improve business performance - is becoming one of the key disciplines in management, especially in large companies. Many books, magazines, conferences, vendors, consultancies, Web sites, online communities and email lists have been formed around this concept. This practical book focuses on the vast offerings of KM solutions—technology, content, and services. The focus is not on technology details, but on how KM and IT practitioners actually use KM tools and techniques. Over twenty case studies describe the real story of choosing and implementing various KM tools and techniques, and experts analyse the trends in the evolution of these technologies and tools, along with opportunities and challenges facing companies harnessing them. Lessons from successes and failures are drawn, along with roadmaps for companies beginning or expanding their KM practice. The introductory chapter presents a taxonomy of KM tools, identifies IT implications of KM practices, highlights lessons learned, and provides tips and recommendations for companies using these tools. Relevant literature on KM practices and key findings of market research groups and industry consortia such as IDC, Gartner and APQC, are presented. The majority of the book is devoted to case studies, featuring clients and vendors along the entire spectrum of solutions: hardware (e.g. handheld/wearable devices), software (e.g. analytics, collaboration, document management) and content (e.g. newsfeeds, market research). Each chapter is structured along the "8Cs" framework developed by the author: connectivity, content, community, commerce, community, capacity, culture, cooperation and capital. In other words, each chapter addresses how appropriate KM tools and technologies help a company on specific fronts such as fostering adequate employee access to knowledge bodies, user-friendly work-oriented content, communities of practice, a culture of knowledge, learning capacity, a spirit of cooperation, commercial and other incentives, and carefully measured capital investments and returns. Vendor history, product/service offerings, implementation details, client testimonials, ROI reports, and future trends are highlighted. Experts in the field then provide third-party

analysis on trends in KM tools and technique areas, and recommendations for KM practitioners.

Operational Auditing Apr 22 2020 Operational Auditing: Principles and Techniques for a Changing World, 2nd edition, explains the proven approaches and essential procedures to perform risk-based operational audits. It shows how to effectively evaluate the relevant dynamics associated with programs and processes, including operational, strategic, technological, financial and compliance objectives and risks. This book merges traditional internal audit concepts and practices with contemporary quality control methodologies, tips, tools and techniques. It explains how internal auditors can perform operational audits that result in meaningful findings and useful recommendations to help organizations meet objectives and improve the perception of internal auditors as high-value contributors, appropriate change agents and trusted advisors. The 2nd edition introduces or expands the previous coverage of: • Control self-assessments. • The 7 Es framework for operational quality. • Linkages to ISO 9000. • Flowcharting techniques and value-stream analysis • Continuous monitoring. • The use of Key Performance Indicators (KPIs) and Key Risk Indicators (KRIs). • Robotic process automation (RPA), artificial intelligence (AI) and machine learning (ML); and • Adds a new chapter that will examine the role of organizational structure and its impact on effective communications, task allocation, coordination, and operational resiliency to more effectively respond to market demands.

Mobile Computing and Wireless Networks: Concepts, Methodologies, Tools, and Applications Nov 29 2020 We live in a wireless society, one where convenience and accessibility determine the efficacy of the latest electronic gadgets and mobile devices. Making the most of these technologies—and ensuring their security against potential attackers—requires increased diligence in mobile technology research and development. Mobile Computing and Wireless Networks: Concepts, Methodologies, Tools, and Applications brings together a comprehensive range of voices and research in the area of mobile and wireless technologies, exploring the successes and failures, advantages and drawbacks, and benefits and limitations of the technology. With applications in a plethora of different research and topic areas, this multi-volume reference work benefits researchers, service providers, end-users, and information technology professionals. This four-volume reference work includes a diverse array of chapters and authors covering topics such as m-commerce, network ethics, mobile agent systems, mobile learning, communications infrastructure, and applications in fields such as business, healthcare, government, tourism, and more.

Advances in Systems, Control and Automation Apr 03 2021 This book comprises the select proceedings of the ETAEERE 2016 conference. The book aims to shed light on different systems or machines along with their complex operation, behaviors, and linear-nonlinear relationship in different environments. It covers problems of multivariable control systems and provides the necessary background for

performing research in the field of control and automation. Aimed at helping readers understand the classical and modern design of different intelligent automated systems, the book presents coverage on the control of linear and nonlinear systems, intelligent systems, stochastic control, knowledge-based systems applications, fault diagnosis and tolerant control, real-time control applications, etc. The contents of this volume will prove useful to researchers and professionals alike.

Knowledge Innovation Through Intelligent Software Methodologies, Tools and Techniques

Mar 26 2023 Software methodologies, tools and techniques have become an ever more important part of our lives, and are crucial to the decision-making processes that affect us every day. This book presents papers from the 19th International Conference on New Trends in Intelligent Software Methodology Tools, and Techniques (SoMeT20), held in Kitakyushu, Japan from 22–24 September 2020. The SoMeT conferences bring together researchers and practitioners to share their original research results and experience of practical developments in software science and related new technologies, and this book explores new trends and theories that highlight the direction and development of intelligent software methodologies, tools and techniques. It covers newly developed techniques, enhanced methodologies, software related solutions and recently developed tools, as well as indicating the direction of future research, and the 40 revised papers included here have been selected by the SoMeT20 international reviewing committee on the basis of technical soundness, relevance, originality, significance, and clarity. The book is divided into 5 chapters: artificial intelligence techniques on software engineering, and requirement engineering; software methods for informatics, medical informatics and bio-medicine applications; applied software tools, techniques and related software engineering models; intelligent-software systems design, software quality, software evolution and validation techniques; and knowledge science and intelligent computing. Providing an overview of the state-of-the-art in software science and its supporting technology, this book will be of interest to all those working in the field.

Organic Molecular Crystals Jun 05 2021 This book is based on the results of many years of experimental work by the author and his colleagues, dealing with the electronic properties of organic crystals. E. Silinsh has played a leading role in pointing out the importance of the polarization energy by an excess carrier, in determining not only the character of the carrier mobility in organic crystals, but in determining the band gap and the nature of the all-important trapping site in these crystals. The one-electron model of electronic conductivity that has been so successful in dealing with inorganic semiconductors is singularly unsuccessful in rationalizing the unusual physical properties of organic crystals. A many-body theory is required, and the experimental manifestation of this is the central role played by the crystal polarization energies in transferring the results obtained with the isolated molecule, to the solid. The careful studies of E. Silinsh in this

field have shown in detail how this polarization energy develops around the excess carrier (and also the hole-electron pair) sitting on a molecular site in the crystal. As with all insulators, trapping sites play a dominant role in reducing the magnitude of the current that can theoretically pass through the organic crystal. It is usually the case that these trapping sites are energetically distributed within the forbidden band of the crystal. For many years, an exponential distribution has shown itself to be useful and reasonably correct: However, E. Silinsh's work has shown that this is not the case. **Web Information Systems Engineering -- WISE 2013** Feb 19 2020 This book constitutes the proceedings of the 14th International Conference on Web Information Systems Engineering, WISE 2013, held in Nanjing, China, in October 2013. The 48 full papers, 29 short papers, and 10 demo and 5 challenge papers, presented in the two-volume proceedings LNCS 8180 and 8181, were carefully reviewed and selected from 198 submissions. They are organized in topical sections named: Web mining; Web recommendation; Web services; data engineering and database; semi-structured data and modeling; Web data integration and hidden Web; challenge; social Web; information extraction and multilingual management; networks, graphs and Web-based business processes; event processing, Web monitoring and management; and innovative techniques and creations.

International Cooperation for Enhancing Nuclear Safety, Security, Safeguards and Non-proliferation—60 Years of IAEA and EURATOM

Oct 29 2020 This open access book examines key aspects of international cooperation to enhance nuclear safety, security, safeguards, and non-proliferation, thereby assisting in development and maintenance of the verification regime and fostering progress toward a nuclear weapon-free world. The book opens by addressing important political, institutional, and legal dimensions. Current challenges are discussed and attempts made to identify possible solutions and future improvements. Subsequent sections consider scientific developments that have the potential to increase the effectiveness of implementation of international regimes, particularly in critical areas, technology foresight, and the ongoing evaluation of current capabilities. The closing sections examine scientific and technical challenges and discuss the role of international cooperation and actions of the scientific community in leading the world toward peace and security. The book - which celebrates 60 years of IAEA Atoms for Peace and Development and the EURATOM Treaty - comprises contributions presented at the XX Edoardo Amaldi Conference, where eminent scientists, diplomats, and policymakers were able to compare national perspectives and update international collaborations.

Innovative Methods and Techniques in New Electric Power Systems Dec 23 2022

Economic and Management Perspectives on Intellectual Property Rights Jul 26 2020 This book provides a better understanding of how intellectual property can improve economic and business performance. It focuses on three particular issues: the valuation of patents, the transfer of knowledge, and the management of innovation and intellectual property. Scholars

from leading worldwide institutions use quantitative methods and advanced survey techniques to explore the complex relationship between patents, innovation, venture capital and scientific research. The book focuses on three broad issues: the valuation of patents, the transfer of knowledge, and the management of innovation and intellectual property.

Approximation, Randomization, and Combinatorial Optimization. Algorithms and Techniques

Apr 27 2023 This book constitutes the joint refereed proceedings of the 15th International Workshop on Approximation Algorithms for Combinatorial Optimization Problems, APPROX 2012, and the 16th International Workshop on Randomization and Computation, RANDOM 2012, held in Cambridge, Massachusetts, USA, in August 2011. The volume contains 28 contributed papers, selected by the APPROX Program Committee out of 70 submissions, and 28 contributed papers, selected by the RANDOM Program Committee out of 67 submissions. APPROX focuses on algorithmic and complexity issues surrounding the development of efficient approximate solutions to computationally difficult problems. RANDOM is concerned with applications of randomness to computational and combinatorial problems.

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