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Security in Computing and Communications IGI Global

"This multiple-volume publication advances the emergent field of mobile computing offering research on approaches, observations and models pertaining to mobile devices and wireless communications from over 400 leading researchers"--Provided by publisher.

Hello, Rainbow Springer Nature

"Companies and research labs worldwide are racing to develop Dense Wavelength Division Multiplexing (DWDM) technology, a far-reaching advancement in the fiber optical communications field. To help you keep pace with these latest developments, this all-in-one resource brings you a clear, concise overview of the technology that is transporting and processing vast amounts of information at the speed of light. Until now, no book offered a practical introduction to DWDM advances. INTRODUCTION TO DWDM TECHNOLOGY will help you learn all the essentials for this emerging field: * Principles of physics underlying optical devices * Optical components needed to design optical and DWDM systems * Coding and decoding techniques used in optical communications * Overview of DWDM systems * State-of-the-art research trends Complete with four-color illustrations to show how devices work, this comprehensive book provides an invaluable discussion of DWDM basics necessary for practicing electrical engineers, optical systems designers, technical managers, and undergraduate students in optical communications. Go to htttp://www.ieee.org/organizations/pubs/press/Kartfm.pdf for a complete Table of Contents and a look at the Introduction. You can check out Chapter 5, ""Optical Demultiplexers"" by clicking on http://www.ieee.org/organizations/pubs/press/KartCh5.pdf About the Author Stamatios V. Kartalopoulos is currently on the staff of the Optical Networks Group of Lucent Technologies, Bell Labs Innovations, formerly known as AT&T. His research interests include ATM and SONET/SDH systems, ultrafast pattern recognition, IP and DWDM, access enterprise systems, local area networks, fiber networks, satellite systems, intelligent signal processing, neural networks, and fuzzy logic. He holds several patents of which six patents (and six pending) are in communications and optical communications systems." Sponsored by: IEEE Communications Society

Encyclopedia of Pharmaceutical Technology Springer Nature
[Administration (référence électronique)].

New Trends in Computer Networks Wiley-IEEE Press
This book constitutes the refereed proceedings of the Third International Workshop on Information Security, ISW 2000, held in Wollongong, Australia in December 2000. The 23 revised full papers presented were carefully reviewed and selected from 63 submissions. The papers are organized in topical sections on multimedia copyright protection, e-commerce, key management, network security and access control, and cryptographic systems.

The Science Behind Technology Springer
A new edition the most popular Hack Proofing book around! IT professionals who want to run secure networks, or build secure software, need to know about the methods of hackers. The second edition of the best seller Hack Proofing Your Network, teaches about those topics, including: · The Politics, Laws of Security, Classes of Attack, Methodology, Diffing, Decrypting, Brute Force, Unexpected Input, Buffer Overrun, Sniffing, Session Hijacking, Spoofing, Server Holes, Client Holes, Trojans and Viruses, Reporting Security Problems, Choosing Secure Systems The central idea of this book is that it's better for you to find the holes in your network than it is for someone else to find them, someone that would use them against you. The complete, authoritative guide to protecting your

Windows 2000 Network. Updated coverage of an international bestseller and series flagship Covers more methods of attack and hacker secrets Interest in topic continues to grow - network architects, engineers and administrators continue to scramble for security books Written by the former security manager for Sybase and an expert witness in the Kevin Mitnick trials A great addition to the bestselling "Hack Proofing..." series Windows 2000 sales have surpassed those of Windows NT Critical topic. The security of an organization's data and communications is crucial to its survival and these topics are notoriously difficult to grasp Unrivalled web support at www.solutions@syngress.com

Atlantis Rising Magazine Issue 130 – PUSHING BACK AGAINST TECH TYRANNY PDF Download CRC Press
The job interview is probably the most important step you will take in your job search journey. Because it's always important to be prepared to respond effectively to the questions that employers typically ask at a job interview Petrogav International has prepared this eBooks that will help you to get a job in oil and gas industry. Since these questions are so common, hiring managers will expect you to be able to answer them smoothly and without hesitation. This eBook contains 273 questions and answers for job interview and as a BONUS 230 links to video movies. This course covers aspects like HSE, Process, Mechanical, Electrical and Instrumentation & Control that will enable you to apply for any position in the Oil and Gas Industry.

Post-Quantum Cryptography IGI Global
This book constitutes the refereed proceedings of the Second Joint International Conference on Electronic Government and the Information Systems Perspective, and Electronic Democracy, EGOVIS/EDEM 2013, held in Prague, Czech Republic, in August 2013, in conjunction with DEXA 2013. The 19 revised full papers presented were carefully reviewed and selected for inclusion in this volume. They focus on the currently most sensitive areas in the field, such as identity management as a core component in any e-government or participation system, open data, mobile government applications as well as intelligent and learning systems.The papers are organized in the following topical sections: identity management in e-government; intelligent systems in e-government; e-government cases; mobile government; open government data; and e-participation.

An implementation of a SIM based strong authentication system using one time passwords and Active Directory. Minerals Yearbook: Volume 3: A
Covers the important concepts, methodologies, technologies, applications, social issues, and emerging trends in this field. Provides researchers, managers, and other professionals with the knowledge and tools they need to properly understand the role of end-user computing in the modern organization.

150 technical questions and answers for job interview Offshore Drilling Rigs Springer Nature
This book presents a selective collection of papers from the 20th International Symposium on Computer and Information Sciences, held in Istanbul, Turkey. The selected papers span a wide spectrum of topics in computer networks, including internet and multimedia, security and cryptography, wireless networks, parallel and distributed computing, and performance evaluation. These papers represent the results of the latest research of academicians from more than 30 countries. Contents:A Lightweight Passive Replication Protocol for Deterministic Serves (J Ahn)A Fair Bandwidth Allocation Scheme for Multimedia Handoff Calls in Cellular Networks (M Salamah & I Candan)Characterizing Voice and Video Traffic Behavior over the Internet (P Calyam & C-G Lee)A Path Restoration Algorithm Sharing the Resource in GMPLS Network (T-M Han et al.)More Efficient Java RMI for GPRS Devices (J Kawash et al.)Cluster-Based Security Mechanism for Sensor Network Communication (I Doh et al.)Performance Considerations for Elliptic Curve Cryptography in Communications (O O Bozkurt)A Dynamic Route Optimization to Support Network Mobility by Using HMNR Scheme (M-S Jeong et al.)Performance Analysis of Reliable Multicast Protocols (C Celik & C F

Bazlamacci)A New Algorithm for Horizontal Handover Management in Wireless Mobile Networks (A Tuysuz & M Yildirim)and other papers Readership: Graduate students, academics and researchers in the field of computer networks and telecommunications. Keywords:Computer Networks;Wireless Systems;Quality of Service (QoS);Internet and Multimedia;Parallel and Distributed Computing;Performance Evaluation

Technology-Enabled Innovation for Democracy, Government and Governance Petrogav International
As one of the only highly praised resources on this important topic, this thoughtfully compiled book examines and suggests picture books and chapter books presenting LGBTQ content to children under the age of 12. Highlighting titles for children from infancy to age 11, Rainbow Family Collections examines over 250 children's picture books, informational books, and chapter books with LGBTQ content from around the world. Each entry in Rainbow Family Collections supplies a synopsis of the title's content, lists awards it has received, cites professional reviews, and provides suggestions for librarians considering acquisition. The book also provides a brief historical overview of LGBTQ children's literature along with the major book awards for this genre, tips on planning welcoming spaces and offering effective library service to this population, and a list of criteria for selecting the best books with this content. Interviews with authors and key individuals in LGBTQ children's book publishing are also featured.

Small-scale aquaculture for rural livelihoods: Proceedings of the Symposium on Small-scale aquaculture for increasing resilience of Rural Livelihoods in Nepal. 5-6 Feb 2009. Kathmandu, Nepal Springer
iBoo Press House uses state-of-the-art technology to digitally reconstruct the work. We preserve the original format whilst repairing imperfections present in the aged copy. All Deluxe Edition titles are designed with a nice Digital Cloth(TM) Blue Cover inside the jacket cover, quality paper and a large font that's easy to read.

Human-Computer Interaction and Technology Integration in Modern Society Springer Nature
The most misunderstood force driving health and disease The story of the invention and use of electricity has often been told before, but never from an environmental point of view. The assumption of safety, and the conviction that electricity has nothing to do with life, are by now so entrenched in the human psyche that new research, and testimony by those who are being injured, are not enough to change the course that society has set. Two increasingly isolated worlds--that inhabited by the majority, who embrace new electrical technology without question, and that inhabited by a growing minority, who are fighting for survival in an electrically polluted environment--no longer even speak the same language. In The Invisible Rainbow, Arthur Firstenberg bridges the two worlds. In a story that is rigorously scientific yet easy to read, he provides a surprising answer to the question, "How can electricity be suddenly harmful today when it was safe for centuries?"

Encyclopedia of Multimedia Technology and Networking IGI Global
This book is a compendium of the proceedings of the International Conference on Big-Data and Cloud Computing. The papers discuss the recent advances in the areas of big data analytics, data analytics in cloud, smart cities and grid, etc. This volume primarily focuses on the application of knowledge which promotes ideas for solving problems of the society through cutting-edge big-data technologies. The essays featured in this proceeding provide novel ideas that contribute for the growth of world class research and development. It will be useful to researchers in the area of advanced engineering sciences.

Deep Technology for Sustainable Fisheries and Aquaculture Elsevier
There are essential questions surrounding Africa's digitalization journey, including whether or not the continent can truly serve as the last frontier for socio-economic transformation through digital innovation. An examination of countries such as Ghana, Kenya, Senegal, and Rwanda, which are actively pursuing digitalization, may provide some answers. To evaluate the potential implications, both real and potential, that arise from this focused pursuit, a

critical analysis is necessary. Scrutiny of digital infrastructure by companies like Huawei, the emergence of artificial intelligence, and the advent of quantum computing will open new pathways to understanding and establishing promising approaches to the advancement of this region. Examining the Rapid Advance of Digital Technology in Africa offers a comprehensive exploration of the transformative power of digitalization in Africa and its implications for the continent's socio-economic development. It engages with the field of science and technology studies, linking it with socio-economic impacts and transformation, to track, analyze, understand, and critique Africa's contributions to digitalization. The chapters cover a wide range of themes, including ICTs and the business environment, education, healthcare, creative industries, media, culture, tourism, agriculture, ecology, artificial intelligence, blockchain and cryptocurrency revolution, algorithmic governance, the quantum age, and urbanization. This book is a must-read for researchers, scholars, investors, and policymakers who are interested in Africa's digital transformation, as it offers valuable insights into the latest empirical and theoretical aspects shaping the continent's ongoing digitalization.

Trends in Fish Processing Technologies IGI Global
Drawing on examples of teaching from elementary school classrooms, this timely book for practitioners explains why LGBTQ-inclusive literacy instruction is possible, relevant, and necessary in grades K–5. The authors show how expanding the English language arts curriculum to include representations of LGBTQ people and themes will benefit all students, allowing them to participate in a truly inclusive classroom. The text describes three different approaches that address the limitations, pressures, and possibilities that teachers in various contexts face around these topics. The authors make clear what LGBTQ-inclusive literacy teaching can look like in practice, including what teachers might say and how students might respond. " Reading the Rainbow is a terrific, nuanced, practical resource that many ELA teachers should come to value. Children in their classrooms, whatever their identities, will be the better for it." —Mombian " Reading the Rainbow invites us to enact justice in our classrooms as we honor our students' rights and work to foster equity." —From the Foreword by Mariana Souto-Manning, Teachers College, Columbia University " The field has been hungry for this book! It will allow elementary teachers to make immediate and impactful change in their classrooms." —Elizabeth Dutro, University of Colorado Boulder " This is a warm and vigorous invitation for teachers to create more equitable classrooms where the full humanity of students is honored." —Mollie V. Blackburn, Ohio State University

Turbulent Multiphase Flows with Heat and Mass Transfer Springer Nature
This volume aims to document the most important worldwide accomplishments in converging knowledge and technology, including converging platforms, methods of convergence, societal implications, and governance in the last ten years. Convergence in knowledge, technology, and society is the accelerating, transformative interaction among seemingly distinct scientific disciplines, technologies, and communities to achieve mutual compatibility, synergism, and integration, and through this process to create added value for societal benefit. It is a movement that is recognized by scientists and thought leaders around the world as having the potential to provide far-reaching solutions to many of today's complex knowledge, technology, and human development challenges. Four essential and interdependent convergence platforms of human activity are defined in the first part of this report: nanotechnology-biotechnology-information technology and cognitive science (" NBIC") foundational tools; Earth-scale environmental systems; human-scale activities; and convergence methods for societal-scale activities. The report then presents the main implications of convergence for human physical potential, cognition and communication, productivity and societal outcomes, education and physical infrastructure, sustainability, and innovative and responsible governance. As a whole, the report presents a new model for convergence. To effectively take advantage of this potential, a proactive governance approach is suggested. The study identifies an international opportunity to develop and apply convergence for technological, economic, environmental, and societal benefits. The panel also suggests an opportunity in the United States for implementing a program aimed at focusing disparate R and D energies into a coherent activity - a "Societal Convergence Initiative" . This study received input from leading academic, industry, government, and NGO experts from the United States, Latin America, Europe, Asia, and Australia.

Convergence of Knowledge, Technology and Society Springer Science & Business Media

Maximum PC is the magazine that every computer fanatic, PC gamer or content creator must read. Each and every issue is packed with punishing product reviews, insightful and innovative how-to stories and the illuminating technical articles that enthusiasts crave.

The Rainbow IGI Global
Get the Science and Technology Current Affairs News as Ebook here. Get to know about new technology launched and redesigned for the month of June. Download these notes as a free PDF to boost your preparation for Current Affairs section in the exam

Multipurpose Prevention Technologies for HIV, STIs & Pregnancies Chelsea Green Publishing
This book explores the nexus of Sustainability and Information Communication Technologies that are rapidly changing the way we live, learn, and do business. The monumental amount of energy required to power the Zeta byte of data traveling across the globe's billions of computers and mobile phones daily cannot be overstated. This ground-breaking reference examines the possibility that our evolving technologies may enable us to mitigate our global energy crisis, rather than adding to it. By connecting concepts and trends such as smart homes, big data, and the internet of things with their applications to sustainability, the authors suggest that emerging and ubiquitous technologies embedded in our daily lives may rightfully be considered as enabling solutions for our future sustainable development.

Mobile Computing: Concepts, Methodologies, Tools, and Applications Bloomsbury Publishing USA
This book constitutes the refereed proceedings of the International Symposium on Security in Computing and Communications, SSCC 2014, held in Delhi, India, in September 2013. The 36 revised full papers presented together with 12 work-in-progress papers were carefully reviewed and selected from 132 submissions. The papers are organized in topical sections on security and privacy in networked systems; authentication and access control systems; encryption and cryptography; system and network security; work-in-progress.