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In the Honor of William C. Carter

12th International Conference, SecITC 2019, Bucharest, Romania, November 14–15, 2019, Revised Selected Papers

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Proceedings of the International Conference on Advanced Information Technology, Services and Systems (AIT2S-17) Held on April 14/15, 2017 in Tangier

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New at the Energy Library

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BRADSHAW MYA

Proceedings of the First International Symposium on Very Large Scale Integration Science and Technology Springer

This textbook introduces new business concepts on cloud environments such as secure, scalable anonymity and practical payment protocols for the Internet of things and Blockchain technology. The protocol uses electronic cash for payment transactions. In this new protocol, from the viewpoint of banks, consumers can improve anonymity if they are worried about disclosure of their identities in the cloud. Currently, there is not a book available that has reported the techniques covering the protocols with anonymizations and Blockchain technology. Thus this will be a useful book for universities to purchase. This textbook provides new direction for access control management and online business, with new challenges within Blockchain technology that may arise in cloud environments. One is related to the authorization granting process. For example, when a role is granted to a user, this role may conflict with other roles of the user or together with this role; the user may have or derive a high level of authority. Another is related to authorization revocation. For instance, when a role is revoked from a user, the user may still have the

role. Experts will get benefits from these challenges through the developed methodology for authorization granting algorithm, and weak revocation and strong revocation algorithms.

Social Learning in Technological Innovation MIT Press

The theme of HumanCom and EMC is focused on the various aspects of human-centric computing for advances in computer science and its applications, embedded and multimedia computing and provides an opportunity for academic and industry professionals to discuss the latest issues and progress in the area of human-centric computing. And the theme of EMC (Advanced in Embedded and Multimedia Computing) is focused on the various aspects of embedded system, smart grid, cloud and multimedia computing, and it provides an opportunity for academic, industry professionals to discuss the latest issues and progress in the area of embedded and multimedia computing. Therefore this book will be include the various theories and practical applications in human-centric computing and embedded and multimedia computing. **Explosively Driven Pulsed Power** Springer Science & Business Media This book includes the proceedings of the International Conference on Advanced Information Technology, Services and Systems (AIT2S-17) held on April 14-15, 2017 in Tangier, Morocco. Presenting the latest research in the field, it stimulates debate, discusses new challenges and provides insights into the

field in order to promote closer interaction and interdisciplinary collaboration between researchers and practitioners. Intended for researchers and practitioners in advanced information technology/management and networking, the book is also of interest to those in emergent fields such as data science and analytics, big data, Internet of Things, smart networked systems, artificial intelligence and expert systems, pattern recognition, and cloud computing.

HumanCom and EMC 2013 Edward Elgar Publishing

Research over the last decade has brought about the development of highperformance systems such as powerful workstations, sophisticated computer graphics, and multimedia systems such as real-time video and speech recognition. A significant change in the attitude of users is the desire to have access to this computation at any location without the need to be connected to the wired power source. This has resulted in the explosive growth of research and development in the area of wireless computing over the last five years. Technologies for Wireless Computing deals with several key technologies required for wireless computing. The topics covered include reliable wireless protocols, portable terminal design considerations, video coding, RF circuit design issues and tools, display technology, energyefficient applications, specific and programmable design techniques, energy efficiency metrics, low-voltage process technology and circuit design considerations, and CAD tools for lowpower design at the behavior, logic and physical design level. Technologies for Wireless Computing is an edited volume of original research comprising invited

contributions by leading researchers. This research work has also been published as a special issue of the Journal of VLSI Signal Processing Systems (Volume 13, Numbers 2 & 3).

43 Years Chapterwise Topicwise Solved Papers (2021-1979) IIT JEE

Mathematics Springer Science & Business Media

This book constitutes the thoroughly refereed proceedings of the second International Symposium on Intelligent Systems Technologies and Applications (ISTA'16), held on September 21–24, 2016 in Jaipur, India. The 80 revised papers presented were carefully reviewed and selected from 210 initial submissions and are organized in topical sections on image processing and artificial vision, computer networks and distributed systems, intelligent tools and techniques and applications using intelligent techniques.

Advances in Networks and Communications Springer

First released in the Spring of 1999, How People Learn has been expanded to show how the theories and insights from the original book can translate into actions and practice, now making a real connection between classroom activities and learning behavior. This edition includes far-reaching suggestions for research that could increase the impact that classroom teaching has on actual learning. Like the original edition, this book offers exciting new research about the mind and the brain that provides answers to a number of compelling questions. When do infants begin to learn? How do experts learn and how is this different from non-experts? What can teachers and schools do-with curricula, classroom settings, and teaching methods--to help children learn most effectively? New evidence from

many branches of science has significantly added to our understanding of what it means to know, from the neural processes that occur during learning to the influence of culture on what people see and absorb. How People Learn examines these findings and their implications for what we teach, how we teach it, and how we assess what our children learn. The book uses exemplary teaching to illustrate how approaches based on what we now know result in indepth learning. This new knowledge calls into question concepts and practices firmly entrenched in our current education system. Topics include: How learning actually changes the physical structure of the brain. How existing knowledge affects what people notice and how they learn. What the thought processes of experts tell us about how to teach. The amazing learning potential of infants. The relationship of classroom learning and everyday settings of community and workplace. Learning needs and opportunities for teachers. A realistic look at the role of technology in education.

NUSYS'20 Springer

This book creatively puts forward the subject nature, object, system, theory, method and application of technical economics, and brings together the research achievements of 50 years, especially the latest research results. It is of great significance for the development of China's technical and economic disciplines and the cultivation of special talents for technical and economic development. It is of great significance for the solution of major technical and economic problems in economic and social development, and has a landmark significance in the history of world technical economics. The book can be used as teaching

material for both the liberal arts, science and engineering students within higher education institutions, and as a leading cadre training source for engineers. Furthermore, it can facilitate readers engaged in policy making, program planning, macro control, evaluation of investment decision, feasibility studies, project with aspects such as government, consulting companies, banks, and financial personnel needs. Also this book can aid readers with engineering design, product development, business management, as well as with the needs of engineering and technical personnel and enterprise management personnel.

Subject Directory of Special Libraries and Information Centers

Oswal Printers & Publishers Pvt Limited Environmental and chemical sensors in optical fiber sensor technology The nature of the environment in which we live and work, and the precarious state of many aspects of the natural environment, has been a major lesson for scientists over the last few decades. Public awareness of the issues involved is high, and often coupled with a scepticism of the ability of the scientist and engineer to provide an adequate, or even rapid solution to the preservation of the environment before further damage is done, and to achieve this with a mini mum of expenditure. Monitoring of the various aspects of the environment, whether it be external or internal to ourselves and involving chemical, physical or biomedical parameters is an essential process for the well-being of mankind and of the individual. Legis lative requirements set new standards for measurement and control all around us, which must be met by the most appropriate of the technologies available, commensurate

with the costs involved. Optical fiber sensor technology has a major part to play in this process, both to complement existing technologies and to promote new solutions to difficult measurement issues. The developments in new sources and detectors covering wider ranges of the electromagnetic spectrum, with higher sensitivity, allow the use of techniques that some time ago would have been considered inappropriate or lacking in sufficient sensitivity. <u>Hearing Before the Subcommittee on</u> Terrorism, Unconventional Threats, and Capabilities of the Committee on Armed Services, House of Representatives, One Hundred Eleventh Congress, Second Session, Hearing Held February 25, 2010 Springer Science & Business Media This work explores the social processes involved in technological innovation, particularly in relation to the Information and Communications Technologies (ICTs).

Information Security and Privacy

Springer Science & Business Media For the editors of this book, as well as for many other researchers in the area of fault-tolerant computing, Dr. William Caswell Carter is one of the key figures in the formation and development of this important field. We felt that the IFIP Working Group 10.4 at Baden, Austria, in June 1986, which coincided with an important step in Bill's career, was an appropriate occasion to honor Bill's contributions and achievements by organizing a one day "Symposium on the **Evolution of Fault-Tolerant Computing**" in the honor of William C. Carter. The Symposium, held on June 30, 1986, brought together a group of eminent scientists from all over the world to discuss the evolution, the state of the art, and the future perspectives of the field of fault-tolerant computing. Historic

developments in academia and industry were presented by individuals who themselves have actively been involved in bringing them about. The Symposium proved to be a unique historic event and these Proceedings, which contain the final versions of the papers presented at Baden, are an authentic reference document.

Access Control Management in Cloud Environments John Wiley & Sons Information Sources in Energy Technology presents the major sources in the field of energy technology. The book is comprised of 16 chapters that are organized into three parts. The first part covers energy in general and discusses both local and international agencies that deal with energy technology along with its primary and secondary sources. The next part deals with fuel technology; this part details combustion, steam and boiler plant, electrical energy, and energy conservation. The last part talks about specific energy sources, including nuclear, solar, and geothermal. The text will be of great use to individuals involved in energy industry. Scientists and engineers involved in energy projects will also benefit from the book. The Evolution of Fault-Tolerant Computing Springer Here is a highly relevant book that covers a wide array of key aspects in information security. It constitutes the refereed proceedings of the 12th Australasian Conference on Information Security and Privacy held in Townsville, Australia in July 2007. The 33 revised full papers presented were carefully reviewed and selected from 132 submissions. The papers are organized in topical sections on stream ciphers, hashing, biometrics, secret sharing, cryptanalysis, public key cryptography,

authentication, e-commerce, and security.

Resources in Education John Wiley & Sons

This book comprises the proceedings of the 12th National Technical Symposium on Unmanned System Technology 2020 (NUSYS'20) held on October 27-28, 2020. It covers a number of topics, including intelligent robotics, novel sensor technology, control algorithms, acoustics signal processing, imaging techniques, biomimetic robots, green energy sources, and underwater communication backbones and protocols, and it appeals to researchers developing marine technology solutions and policy-makers interested in technologies to facilitate the exploration of coastal and oceanic regions. Ceramics Science and Technology, <u>Volume 1</u> Springer Nature The world's deserts are sufficiently large that, in theory, covering a fraction of their landmass with PV systems could generate many times the current primary global energy supply. This Energy from the Desert volume examines and evaluates the potential of very large scale photovoltaic power generation (VLS-PV) systems. Following from the success of the first book on the subject, the authors present practical case studies of both virtual and real projects based on selected regions (including the Mediterranean, the Middle East, the Gobi Desert and Western Australia) and their specific socioeconomic dynamics, and argue that VLS-PV systems in desert areas will be readily available in the near future. As the essential companion to the previous International Energy Agency (IEA) volume it reiterates and develops key concepts introduced by the original study and provides firm practical

recommendations to achieve long-term targets for policy-makers and investors. Enabling Technology for MEMS and Nanodevices Springer Science & **Business Media** Includes subject section, name section, and 1968-1970, technical reports. 10 Last Years Solved Papers (HSC) -Science Springer Nature Innovative Security Solutions for Information Technology and Communications12th International Conference, SecITC 2019, Bucharest, Romania, November 14-15, 2019, Revised Selected PapersSpringer Nature Kokuritsu Kokkai Toshokan shozō kagaku gijutsu kankei Ōbun kaigiroku mokuroku Springer Nature First multi-year cumulation covers six years: 1965-70. Private Sector Perspectives on **Department of Defense Information** Technology and Cybersecurity Activities Arihant Publications India limited An exploration of how design might be led by marginalized communities, dismantle structural inequality, and advance collective liberation and ecological survival. What is the relationship between design, power, and social justice? "Design justice" is an approach to design that is led by marginalized communities and that aims expilcitly to challenge, rather than reproduce, structural inequalities. It has emerged from a growing community of designers in various fields who work closely with social movements and community-based organizations around the world. This book explores the theory and practice of design justice, demonstrates how universalist design principles and practices erase certain groups of people—specifically, those who are intersectionally disadvantaged or multiply burdened under the matrix of

domination (white supremacist heteropatriarchy, ableism, capitalism, and settler colonialism)—and invites readers to "build a better world, a world where many worlds fit; linked worlds of collective liberation and ecological sustainability." Along the way, the book documents a multitude of real-world community-led design practices, each grounded in a particular social movement. Design Justice goes beyond recent calls for design for good, usercentered design, and employment diversity in the technology and design professions; it connects design to larger struggles for collective liberation and ecological survival.

Technical Digest Springer This book reports on advanced methods and theories in two related fields of research, Information Technology and Communication Systems. It provides professors, scientists, PhD students and engineers with a readily available guide to various approaches in Engineering Science. The book is divided into two major sections, the first of which covers Information Technology topics, including E-Learning, E-Government (egov), Data Mining, Text Mining, Ontologies, Semantic Similarity Databases, Multimedia Information Processing, and Applications. The second section addresses Communication Systems topics, including: Systems, Wireless and Network Computing, Software Security and Monitoring, Modern Antennas, and Smart Grids. The book gathers contributions presented at the

International Conference on Information Technology and Communication Systems (ITCS 2017) held at the National School of Applied Sciences of Khouribga, Hassan 1st University, Morocco on March 28-29, 2017. This event was organized with the objective of bringing together researchers, developers, and practitioners from academia and industry working in all areas of Information Technology and Communication Systems. It not only highlights new methods, but also promotes collaborations between different communities working on related topics.

Energy from the Desert Springer Nature While the basic operating principles of Helical Magnetic Flux Compression Generators are easy to understand, the details of their construction and performance limits have been described only in government reports, many of them classified. Conferences in the field of flux compression are also dominated by contributions from government (US and foreign) laboratories. And the government-sponsored research has usually been concerned with very large generators with explosive charges that require elaborate facilities and safety arrangements. This book emphasizes research into small generators (less than 500 grams of high explosives) and explains in detail the physical fundamentals, construction details, and parameter-variation effects related to them.

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