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KEY=APPLICATIONS - HAROLD SCHMITT

QUANTUM COMPUTATION AND QUANTUM INFORMATION

Cambridge University Press First-ever comprehensive introduction to the major new subject of quantum computing and quantum information.

ICEL2015-10TH INTERNATIONAL CONFERENCE ON E-LEARNING

ICEL 2015

Academic Conferences and publishing limited These proceedings represent the work of researchers participating in the 10th International Conference on e-Learning (ICEL 2015) which is being hosted this year by the College of the Bahamas, Nassau on the 25-26 June 2015. ICEL is a recognised event on the International research conferences calendar and provides a valuable platform for individuals to present their research findings, display their work in progress and discuss conceptual advances in the area of e-

Learning. It provides an important opportunity for researchers and managers to come together with peers to share their experiences of using the varied and expanding range of e-Learning available to them. With an initial submission of 91 abstracts, after the double blind, peer review process there are 41 academic Research papers and 2 PhD papers Research papers published in these Conference Proceedings. These papers come from some many different countries including: Australia, Belgium, Brazil, Canada, China, Germany, Greece, Hong Kong, Malaysia, Portugal, Republic of Macedonia, Romania, Slovakia, South Africa, Sweden, United Arab Emirates, UK and the USA. A selection of the best papers - those agreed by a panel of reviewers and the editor will be published in a conference edition of EJEL (the Electronic Journal of e-Learning www.ejel.com). These will be chosen for their quality of writing and relevance to the Journal's objective of publishing papers that offer new insights or practical help into the application e-Learning.

ADVANCING CLOUD DATABASE SYSTEMS AND CAPACITY PLANNING WITH DYNAMIC APPLICATIONS

IGI Global Continuous improvements in data analysis and cloud computing have allowed more opportunities to develop systems with user-focused designs. This not only leads to higher success in day-to-day usage, but it increases the overall probability of technology adoption. Advancing Cloud Database Systems and Capacity Planning With Dynamic Applications is a key resource on the latest innovations in cloud database systems and their impact on the daily lives of people in modern society. Highlighting multidisciplinary studies on information storage and retrieval, big data architectures, and artificial intelligence, this publication is an ideal reference source for academicians, researchers, scientists, advanced level students, technology developers and IT officials.

DIGITAL DEMOCRACY: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

IGI Global "This book presents a vital compendium of research detailing the latest case studies, architectures, frameworks, methodologies, and research on Digital Democracy"--Provided by publisher.

DATA WAREHOUSING AND MINING: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

IGI Global In recent years, the science of managing and analyzing large datasets has emerged as a critical area of research. In the race to answer vital questions and make knowledgeable decisions, impressive amounts of data are now being generated at a rapid pace, increasing the opportunities and challenges associated with the ability to effectively analyze this data.

THEORY, APPLICATION, AND IMPLEMENTATION OF MONTE CARLO METHOD IN SCIENCE AND TECHNOLOGY

BoD – Books on Demand The Monte Carlo method is a numerical technique to model the probability of all possible outcomes in a process that cannot easily be predicted due to the interference of random variables. It is a technique used to understand the impact of risk, uncertainty, and ambiguity in forecasting models. However, this technique is complicated by the amount of computer time required to achieve sufficient precision in the simulations and evaluate their accuracy. This book discusses the general principles of the Monte Carlo method with an emphasis on techniques to decrease simulation time and increase accuracy.

CASE LAW OF THE BOARDS OF APPEAL OF THE EUROPEAN PATENT OFFICE

MOBILE COMPUTING: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

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.

PRACTICAL APPLICATIONS AND EXPERIENCES IN K-20 BLENDED LEARNING ENVIRONMENTS

IGI Global Learning environments continue to change considerably and is no longer confined to the face-to-face classroom setting. As learning options have evolved, educators must adopt a variety of pedagogical strategies and innovative technologies to enable learning. Practical Applications and Experiences in K-20 Blended Learning Environments compiles pedagogical strategies and technologies and their outcomes that have been successfully applied in blended instruction. Highlighting best practices as elementary, secondary, and tertiary educational levels; this book is a vital tool for educators who teach or plan to teach in blended learning environments and for researchers interested in the area of blended education knowledge.

INFORMATION COMMUNICATION TECHNOLOGIES: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

IGI Global The rapid development of information communication technologies (ICTs) is having a profound impact across numerous

aspects of social, economic, and cultural activity worldwide, and keeping pace with the associated effects, implications, opportunities, and pitfalls has been challenging to researchers in diverse realms ranging from education to competitive intelligence.

COMPUTATIONAL SCIENCE AND ITS APPLICATIONS -- ICCSA 2012

12TH INTERNATIONAL CONFERENCE, SALVADOR DE BAHIA, BRAZIL, JUNE 18-21, 2012, PROCEEDINGS, PART IV

Springer The four-volume set LNCS 7333-7336 constitutes the refereed proceedings of the 12th International Conference on Computational Science and Its Applications, ICCSA 2012, held in Salvador de Bahia, Brazil, in June 2012. The four volumes contain papers presented in the following workshops: 7333 - advances in high performance algorithms and applications (AHPAA); bioinspired computing and applications (BIOCA); computational geometry and applications (CGA); chemistry and materials sciences and technologies (CMST); cities, technologies and planning (CTP); 7334 - econometrics and multidimensional evaluation in the urban environment (EMEUE); geographical analysis, urban modeling, spatial statistics (Geo-An-Mod); 7335 - optimization techniques and applications (OTA); mobile communications (MC); mobile-computing, sensing and actuation for cyber physical systems (MSA4CPS); remote sensing (RS); 7336 - software engineering processes and applications (SEPA); software quality (SQ); security and privacy in computational sciences (SPCS); soft computing and data engineering (SCDE). The topics of the fully refereed papers are structured according to the four major conference themes: 7333 - computational methods, algorithms and scientific application; 7334 - geometric modelling, graphics and visualization; 7335 - information systems and technologies; 7336 - high performance computing and networks.

PORT DOLPHIN LLC DEEPWATER PORT LICENSE APPLICATION

ENVIRONMENTAL IMPACT STATEMENT

APPS MANAGEMENT AND E-COMMERCE TRANSACTIONS IN REAL-TIME

IGI Global Technology is continuously advancing and changing the way aspects of business are performed. The implementation of mobile business transactions to acquire various types of goods has changed the landscape of consumerism. Apps Management and E-Commerce Transactions in Real-Time is a timely research publication that features the latest scholarly trends, issues, and implications of the use of a new technological forum in electronic buying and selling. Including extensive coverage on a number of topics and perspectives such as social networks, customer satisfaction, and cloud computing, this book is ideally designed for researchers,

academicians, and students seeking current research on mobile solutions in business deals.

CYBERNETICS AND SYSTEMS '90

PROCEEDINGS OF THE TENTH EUROPEAN MEETING ON CYBERNETICS AND SYSTEMS RESEARCH

World Scientific Contents:How Many "Demons" Do We Need? Endophysical Self-Creation of Material Structures and the Exophysical Mystery of Universal Libraries (G Kampis & O E RöSSLer)Some Implications of Re-Interpretation of the Turing Test for Cognitive Science and Artificial Intelligence (G Werner)Why Economic Forecasts will be Overtaken by the Facts (J D M Kruisinga)Simulation Methods in Peace and Conflict Research (F Breitenecker et al)Software Development Paradigms: A Unifying Concept (G Chroust)Hybrid Hierarchies: A Love-Hate Relationship Between ISA and SUPERC (D Castelfranchi & D D'Aloisi)AI for Social Citizenship: Towards an Anthropocentric Technology (K S Gill)Organizational Cybernetics and Large Scale Social Reforms in the Context of Ongoing Developments (E Bekjarov & A Athanassov)China's Economic Reform and its Obstacles: Challenges to a Large-Scale Social Experiment (J Hu & X Sun)Comparing Conceptual Systems: A Strategy for Changing Values as well as Institutions (S A Umpleby)and others
Readership: Researchers in the fields of cybernetics and systems, artificial intelligence, economics and mathematicians.

SMART CARD RESEARCH AND ADVANCED APPLICATIONS

10TH IFIP WG 8.8/11.2 INTERNATIONAL CONFERENCE, CARDIS 2011, LEUVEN, BELGIUM, SEPTEMBER 14-16, 2011, REVISED SELECTED PAPERS

Springer This book constitutes the thoroughly refereed post-conference proceedings of the 10th IFIP WG 8.8/11.2 International Conference on Smart Card Research and Advanced Applications, CARDIS 2011, held in Leuven, Belgium, in September 2011. The 20 revised full papers presented were carefully reviewed and selected from 45 submissions. The papers are organized in topical sections on smart cards system security, invasive attacks, new algorithms and protocols, implementations and hardware security, non-invasive attacks, and Java card security.

HANDBOOK OF RESEARCH ON E-LEARNING APPLICATIONS FOR CAREER AND TECHNICAL EDUCATION: TECHNOLOGIES FOR VOCATIONAL TRAINING

TECHNOLOGIES FOR VOCATIONAL TRAINING

IGI Global Provides an authoritative reference collection on leading international insights into the integration of technology tools and applications with adult and vocational instruction.

PHOTOSHOP ELEMENTS 10 ALL-IN-ONE FOR DUMMIES

John Wiley & Sons Provides Photoshop Elements 10 users the know-how, techniques, tips, and tricks they need to achieve professional-level results, covering such topics as navigating the Elements workspace, correcting color and exposure, working with selections, and adding text to images.

WEB APPLICATION DESIGN HANDBOOK

BEST PRACTICES FOR WEB-BASED SOFTWARE

Elsevier The standards for usability and interaction design for Web sites and software are well known. While not everyone uses those standards, or uses them correctly, there is a large body of knowledge, best practice, and proven results in those fields, and a good education system for teaching professionals "how to." For the newer field of Web application design, however, designers are forced to reuse the old rules on a new platform. This book provides a roadmap that will allow readers to put complete working applications on the Web, display the results of a process that is running elsewhere, and update a database on a remote server using an Internet rather than a network connection. Web Application Design Handbook describes the essential widgets and development tools that will lead to the right design solutions for your Web application. Written by designers who have made significant contributions to Web-based application design, it delivers a thorough treatment of the subject for many different kinds of applications, and provides quick reference for designers looking for some fast design solutions and opportunities to enhance the Web application experience. This book adds flavor to the standard Web design genre by juxtaposing Web design with programming for the Web and covers design solutions and concepts, such as intelligent generalization, to help software teams successfully switch from one interface to another. * The first interaction design book that focuses exclusively on Web applications. * Full-color figures throughout the book. * Serves as a "cheat sheet" or "fake book" for designers: a handy reference for standards, rules of thumb, and tricks of the trade. * Applicable to new Web-based applications and for porting existing desktop applications to Web browsers.

PC MAG

PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

TOOLS FOR HIGH PERFORMANCE COMPUTING 2016

PROCEEDINGS OF THE 10TH INTERNATIONAL WORKSHOP ON PARALLEL TOOLS FOR HIGH PERFORMANCE COMPUTING, OCTOBER 2016, STUTTART, GERMANY

Springer This book presents the proceedings of the 10th International Parallel Tools Workshop, held October 4-5, 2016 in Stuttgart, Germany – a forum to discuss the latest advances in parallel tools. High-performance computing plays an increasingly important role for numerical simulation and modelling in academic and industrial research. At the same time, using large-scale parallel systems efficiently is becoming more difficult. A number of tools addressing parallel program development and analysis have emerged from the high-performance computing community over the last decade, and what may have started as collection of small helper script has now matured to production-grade frameworks. Powerful user interfaces and an extensive body of documentation allow easy usage by non-specialists.

CRYPTOGRAPHIC HARDWARE AND EMBEDDED SYSTEMS - CHES 2008

10TH INTERNATIONAL WORKSHOP, WASHINGTON, D.C., USA, AUGUST 10-13, 2008, PROCEEDINGS

Springer Science & Business Media by Andrey Bogdanov, Thomas Eisenbarth, Andy Rupp and Christopher Wolf. The purpose of the award is to formally acknowledge excellence in research. We would like to congratulate the authors of these two papers.

APPLICATIONS OF QUANTUM MECHANICAL TECHNIQUES TO AREAS OUTSIDE OF QUANTUM MECHANICS. 2ND EDITION

Frontiers Media SA This book deals with applications of quantum mechanical techniques to areas outside of quantum mechanics, so-called quantum-like modeling. Research in this area has grown over the last 15 years. But even already more than 50 years ago, the interaction between Physics Nobelist Pauli and the psychologist Carl Jung in the 1950's on seeking to find analogous uses of the complementarity principle from quantum mechanics in psychology needs noting. This book does NOT want to advance that society is

quantum mechanical! The macroscopic world is manifestly not quantum mechanical. But this rules not out that one can use concepts and the mathematical apparatus from quantum physics in a macroscopic environment. A mainstay ingredient of quantum mechanics, is 'quantum probability' and this tool has been proven to be useful in the mathematical modelling of decision making. In the most basic experiment of quantum physics, the double slit experiment, it is known (from the works of A. Khrennikov) that the law of total probability is violated. It is now well documented that several decision making paradoxes in psychology and economics (such as the Ellsberg paradox) do exhibit this violation of the law of total probability. When data is collected with experiments which test 'non-rational' decision making behaviour, one can observe that such data often exhibits a complex non-commutative structure, which may be even more complex than if one considers the structure allied to the basic two slit experiment. The community exploring quantum-like models has tried to address how quantum probability can help in better explaining those paradoxes. Research has now been published in very high standing journals on resolving some of the paradoxes with the mathematics of quantum physics. The aim of this book is to collect the contributions of world's leading experts in quantum like modeling in decision making, psychology, cognition, economics, and finance.

ASIAN DIGITAL LIBRARIES. LOOKING BACK 10 YEARS AND FORGING NEW FRONTIERS

10TH INTERNATIONAL CONFERENCE ON ASIAN DIGITAL LIBRARIES, ICADL 2007, HANOI, VIETNAM, DECEMBER 10-13, 2007. PROCEEDINGS

Springer This book constitutes the refereed proceedings of the 10th International Conference on Asian Digital Libraries, ICADL 2007, held in Hanoi, Vietnam, in December 2007. The 41 revised full papers, 15 revised short papers, and extended abstracts of 10 poster papers presented together with three keynote and three invited papers were carefully reviewed and selected from a total of 154 submissions. The papers are organized in topical sections.

PROCEEDINGS OF THE 12TH NATIONAL TECHNICAL SEMINAR ON UNMANNED SYSTEM TECHNOLOGY 2020

NUSYS'20

Springer Nature 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.

INTRODUCING MICROSOFT POWER BI

Microsoft Press This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Introducing Microsoft Power BI enables you to evaluate when and how to use Power BI. Get inspired to improve business processes in your company by leveraging the available analytical and collaborative features of this environment. Be sure to watch for the publication of Alberto Ferrari and Marco Russo's upcoming retail book, *Analyzing Data with Power BI and Power Pivot for Excel* (ISBN 9781509302765). Go to the book's page at the Microsoft Press Store here for more details:<http://aka.ms/analyzingdata/details>. Learn more about Power BI at <https://powerbi.microsoft.com/>.

A MORE PERFECT TEN

WRITING AND PRODUCING THE TEN-MINUTE PLAY

Hackett Publishing *A More Perfect Ten* is a revision of Gary Garrison's pioneering book on writing and producing the 10-minute play, and it is now the most authoritative book on this emerging play form. The 10-minute play has become a regular feature of theatre companies and festivals from coast to coast, and Garrison has distilled the advice of many of those people who had been instrumental in promoting the ten minute play for the last few years. Replete with advice and tips on creating the successful 10-minute play, and cautions for avoiding the pitfalls, this new edition also includes addresses for the biggest and most important 10-minute festival opportunities, new sample 10-minute plays and questions for thought and discussion, and sample layout templates for laying out the play for submission. The savvy playwright at any level of skill can use this little book to great advantage. Plus Gary Garrison is warm, funny, irreverent, and essential.

WINNING SCHOLARSHIPS FOR COLLEGE, FOURTH EDITION

AN INSIDER'S GUIDE

Holt Paperbacks An updated and revised edition of this comprehensive guide to finding and winning scholarships for your education Marianne Ragins, the publisher of *The Scholarship Workshop* and winner of more than \$400,000 in scholarship money, presents the fully revised and updated *Winning Scholarships for College, Fourth Edition*. Containing the most up-to-date scholarship grant resources, this classic guide will show you the path to scholarship success. This is one of the most comprehensive books on winning

scholarships on the market, revealing where and how to search for funds, and containing step-by-step instructions for the application process. The fourth edition has information on hundreds of academic scholarships—from the most well-known resources to smaller, more localized funds; guides readers through the use of the Internet and social media in their scholarship search; and gives detailed suggestions for essays with examples from the author's own highly successful scholarship search. With special chapters focusing on helping middle class scholarship seekers, home schooled students, those without an A average and even students as young as age six, this guide is a must have tool for students bound for university. Whether you're in high school, enrolled in or going back to college, studying abroad, or pursuing a postgraduate degree, this book is an invaluable resource for helping you to avoid leaning too heavily on student loans and effectively finance the education you want.

27TH ANNUAL INTERNATIONAL COMPUTER SOFTWARE AND APPLICATIONS CONFERENCE

PROCEEDINGS : COMPSAC 2003 : 3-6 NOVEMBER, 2003, DALLAS, TEXAS, USA

IEEE In the COMPSAC tradition, the proceedings spans a broad and diverse range of both technical and non-technical topics, from basic methodology and software process design to such practical concerns as liability, risk and insurance issues.

E-PLANNING AND COLLABORATION: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

IGI Global As population growth accelerates, researchers and professionals face challenges as they attempt to plan for the future. E-planning is a significant component in addressing the key concerns as the world population moves towards urban environments. E-Planning and Collaboration: Concepts, Methodologies, Tools, and Applications contains a compendium of the latest academic material on the emerging interdisciplinary areas of e-planning and collaboration. Including innovative studies on data management, urban development, and crowdsourcing, this multi-volume book is an ideal source for planners, policymakers, researchers, and graduate students interested in how recent technological advancements are enhancing the traditional practices in e-planning.

ADVANCES IN PATTERN-BASED ONTOLOGY ENGINEERING

IOS Press Ontologies are the corner stone of data modeling and knowledge representation, and engineering an ontology is a complex task in which domain knowledge, ontological accuracy and computational properties need to be carefully balanced. As with any engineering task, the identification and documentation of common patterns is important, and Ontology Design Patterns (ODPs)

provide ontology designers with a strong connection to requirements and a better communication of their semantic content and intent. This book, *Advances in Pattern-Based Ontology Engineering*, contains 23 extended versions of selected papers presented at the annual Workshop on Ontology Design and Patterns (WOP) between 2017 and 2020. This yearly event, which attracts a large number of researchers and professionals in the field of ontology engineering and ontology design patterns, covers issues related to quality aspects of ontology engineering and ODPs for data and knowledge representation, and is usually co-located with the International Semantic Web Conference (ISWC), apart from WOP 2020, which was held virtually due to the COVID-19 pandemic. Topics covered by the papers collected here focus on recent advances in ontology design and patterns, and range from a method to instantiate content patterns, through a proposal on how to document a content pattern, to a number of patterns emerging in ontology modeling in various situations and applications. The book provides an overview of important advances in ontology engineering and ontology design patterns, and will be of interest to all those working in the field.

ENCYCLOPEDIA OF E-HEALTH AND TELEMEDICINE

IGI Global Patients and medical professionals alike are slowly growing into the digital advances that are revolutionizing the ways that medical records are maintained in addition to the delivery of healthcare services. As technology continues to advance, so do the applications of technological innovation within the healthcare sector. The *Encyclopedia of E-Health and Telemedicine* is an authoritative reference source featuring emerging technological developments and solutions within the field of medicine. Emphasizing critical research-based articles on digital trends, including big data, mobile applications, electronic records management, and data privacy, and how these trends are being applied within the healthcare sector, this encyclopedia is a critical addition to academic and medical libraries and meets the research needs of healthcare professionals, researchers, and medical students.

FOUNDATIONS OF AIRLINE FINANCE

METHODOLOGY AND PRACTICE

Routledge In recent years the airline industry has experienced severe volatility in earnings, with airlines recording periods of substantial profits that are closely followed by periods of financial distress. This trend has continued into the new millennium, with numerous examples of airlines across the globe entering bankruptcy protection or liquidating. The text provides an introduction to both the basics of finance and the particular intricacies of airline finance where there can be significant fluctuations in both revenues and costs. This new edition also includes: capital budgeting management of current assets financial risk analysis fuel hedging aircraft leasing This textbook contains chapters that cover unique aspects of the aviation financial decision-making process. These include a

rigorous and structured presentation of the buy versus lease decision that is prevalent in the industry, a valuation process for aviation assets, the recent trend toward privatization and the difficulty inherent in the valuation of a publicly-owned or semi-publicly owned asset. The Foundations of Airline Finance, now in its second edition, is an introductory text that can be used either as a general financial text or in a specialized class that deals with aviation finance in particular.

EMPLOYMENT NEWS (1-15 NOVEMBER 2019) EBOOK

Jagran Prakashan Ltd. Employment News (01-15 November 2019) e-Book edition by Jagranjosh team is a latest and the best way to search for government jobs online across the country. This e-Book edition covers all the job notifications issued by various government organizations that includes Central or State in the given time frame. The book is composed in such a way that it becomes the easiest way for any job seeker to exactly get what they want. Easy access to official notification, quick direct link to apply online and of course the official website for your handy future requirements, are some of the value additions to your government jobs searching hunt. Accumulations of vital information like Eligibility criteria, Application procedure, Important Dates are stated clearly for the feasibility of readers. On the whole, the Jagran Josh Employment News 01-15 November 2019 edition of eBook includes many job notifications. We are sure to help you with this initiative of ours to build up a better future for you.

GRAPHICS RECOGNITION. TEN YEARS REVIEW AND FUTURE PERSPECTIVES

6TH INTERNATIONAL WORKSHOP, GREC 2005, HONG KONG, CHINA, AUGUST 25-26, 2005, REVISED SELECTED PAPERS

Springer This book constitutes the thoroughly refereed post-proceedings of the 6th International Workshop on Graphics Recognition, GREC 2005, held in Hong Kong, China, August 2005. The book presents 37 revised full papers together with a panel discussion report, organized in topical sections on engineering drawings vectorization and recognition, symbol recognition, graphic image analysis, structural document analysis, sketching and online graphics recognition, curves and shape processing, and graphics recognition contest results.

180 DAYS OF PROBLEM SOLVING FOR FIRST GRADE

The 180 Days of Problem Solving e-Book for Grade 1 offers daily problem solving practice geared towards developing the critical thinking skills needed to approach complex problems. This teacher-friendly e-Book provides thematic units that connect to a

standards-based skill that first grade students are expected to know to advance to the next level. Lesson plans offer guidance and support for every day of the week, outlining strategies and activities that dig deeper than routine word problems. Each week students will use visual representations and analyze different types of word problems (including non-routine, multi-step, higher thinking problems). This comprehensive resource builds critical thinking skills and connects to national and state standards.

CYBERSECURITY IN THE ELECTRICITY SECTOR

MANAGING CRITICAL INFRASTRUCTURE

Springer Nature This book offers a systematic explanation of cybersecurity protection of electricity supply facilities, including discussion of related costs, relevant standards, and recent solutions. The author explains the current state of cybersecurity in the electricity market, and cybersecurity standards that apply in that sector. He then offers a systematic approach to cybersecurity management, including new methods of cybersecurity assessment, cost evaluation and comprehensive defence. This monograph is suitable for practitioners, professionals, and researchers engaged in critical infrastructure protection.

INFO

NEW TECHNOLOGIES, DEVELOPMENT AND APPLICATION II

Springer This book features papers focusing on the implementation of new and future technologies, which were presented at the International Conference on New Technologies, Development and Application, held at the Academy of Science and Arts of Bosnia and Herzegovina in Sarajevo on 27th–29th June 2019. It covers a wide range of future technologies and technical disciplines, including complex systems such as Industry 4.0; robotics; mechatronics systems; automation; manufacturing; cyber-physical and autonomous systems; sensors; networks; control, energy, automotive and biological systems; vehicular networking and connected vehicles; effectiveness and logistics systems, smart grids, as well as nonlinear, power, social and economic systems. We are currently experiencing the Fourth Industrial Revolution “Industry 4.0”, and its implementation will improve many aspects of human life in all segments, and lead to changes in business paradigms and production models. Further, new business methods are emerging, transforming production systems, transport, delivery, and consumption, which need to be monitored and implemented by every company involved in the global market.

THE DIGITAL MILLENNIUM COPYRIGHT ACT

TEXT, HISTORY, AND CASELAW

Pike & Fischer - A BNA Company Full text of Digital Copyright Act with legislative history, associated case law and other materials relevant to the subject.

FLUID MECHANICS WITH ENGINEERING APPLICATIONS

McGraw-Hill Companies This book is well known and well respected in the civil engineering market and has a following among civil engineers. This book is for civil engineers the teach fluid mechanics both within their discipline and as a service course to mechanical engineering students. As with all previous editions this 10th edition is extraordinarily accurate, and its coverage of open channel flow and transport is superior. There is a broader coverage of all topics in this edition of Fluid Mechanics with Engineering Applications. Furthermore, this edition has numerous computer-related problems that can be solved in Matlab and Mathcad. The solutions to these problems will be at a password protected web site.