
2014 25 March Electro Technology Question Paper

Library Technology Funding, Planning, and Deployment
A Managerial and Social Networks Perspective
Proceedings of the Second International Conference on Computer and Communication Technologies
Volume 1: Management and Policy
Green Technologies and Environmental Sustainability
Computer, Communication and Electrical Technology
Challenges and Practices of Fog Computing, Communication, Networking, Strategy, and Economics
Emerging Technologies for Electric and Hybrid Vehicles
October 2019, Vladivostok, Russian Federation, Far Eastern Federal University
Advances in Supercapacitor Technology and Applications
Toward a Sustainable Future
Educational Innovations and Contemporary Technologies
Understanding E-Carceration
Intellectual Property and Trade in the Pacific Rim
Legal and Social Implications for Security and Surveillance
Enhancing Teaching and Learning
Smart Cities Technologies
Wireless Sensor and Actuator Networks for Smart Cities
Geoscience for the Public Good and Global Development
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Industrial Applications of Power Electronics
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Battery Management Systems of Electric and Hybrid Electric Vehicles
Proceedings of ICTIS 2021, Volume 1
The future of university teaching in the Internet age
Fog and Fogonomics
Micro-Manufacturing Technologies and Their Applications
Select Proceedings of TEMT 2019
IC3T 2015, Volume 3
Congressional Communication in the Digital Age
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Intelligent Systems in Science and Information 2014
New Perspectives on Terrorism and the Internet
Electronic Monitoring, the Surveillance State, and the Future of Mass Incarceration

ECSM2015-Proceedings of the 2nd European Conference on Social Media 2015
Proceeding of the International Science and Technology Conference "FarEastCon 2019"

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BRENNAN CASON

Library Technology Funding, Planning, and Deployment Springer
Nature

In recent years, power electronics have been intensely contributing to the development and evolution of new structures for the processing of energy. They can be used in a wide range of applications ranging from power systems and electrical machines to electric vehicles and robot arm drives. In conjunction with the evolution of microprocessors and advanced control theories, power electronics are playing an increasingly essential role in our society. Thus, in order to cope with the obstacles lying ahead, this book presents a collection of original studies and modeling methods which were developed and published in the field of electrical energy conditioning and control by using circuits and electronic devices, with an emphasis on power applications and industrial control. Researchers have contributed 19 selected and peer-reviewed papers covering a wide range of topics by addressing a wide variety of themes, such as motor drives, AC-DC and DC-DC converters, multilevel converters, varistors, and electromagnetic compatibility, among others. The overall result is a book that represents a cohesive collection of inter-/multidisciplinary works regarding the industrial applications of power electronics.

A Managerial and Social Networks Perspective Springer
This volume presents the proceedings of the International Conference on Biomedical and Health Informatics (ICBHI). The conference was a new special topic conference and a common initiative by the International Federation of Medical and Biological Engineering (IFMBE) and IEEE Engineering in Medicine and Biology Society (IEEE-EMBS). BHI2015 was held in Haikou, China, 8-10 October 2015. The main theme of the BHI2015 is "The Convergence: Integrating Information and Communication Technologies with Biomedicine for Global Health". The ICBHI2015 proceedings examine enabling technologies of sensors, devices and systems that optimize the acquisition, transmission,

processing, storage, retrieval, use of biomedical and health information as well as to report novel clinical applications of health information systems and the deployment of m-Health, e-Health, u-Health, p-Health and Telemedicine.

Proceedings of the Second International Conference on Computer and Communication Technologies Springer

Complete proceedings of the 2nd European Conference on Social Media Porto Portugal Published by Academic Conferences and Publishing International Limited

Volume 1: Management and Policy CRC Press

The First International Conference on Advancement of Computer, Communication and Electrical Technology focuses on key technologies and recent progress in computer vision, information technology applications, VLSI, signal processing, power electronics & drives, and application of sensors & transducers, etc. Topics in this conference include: Computer Science This conference encompassed relevant topics in computer science such as computer vision & intelligent system, networking theory, and application of information technology. Communication Engineering To enhance the theory & technology of communication engineering, ACCET 2016 highlighted the state-of-the-art research work in the field of VLSI, optical communication, and signal processing of various data formatting. Research work in the field of microwave engineering, cognitive radio and networks are also included. Electrical Technology The state-of-the-art research topic in the field of electrical & instrumentation engineering is included in this conference such as power system stability & protection, non-conventional energy resources, electrical drives, and biomedical engineering. Research work in the area of optimization and application in control, measurement & instrumentation are included as well.

Green Technologies and Environmental Sustainability
Routledge

This book is a printed edition of the Special Issue "Offshore Renewable Energy: Ocean Waves, Tides and Offshore Wind" that was published in *Energies*
Computer, Communication and Electrical Technology Jeffrey Frank Jones

This book explores the interface between terrorism and the internet and presents contemporary approaches to understanding violent extremism online. The volume focuses on four issues in particular: terrorist propaganda on the internet; radicalisation and the internet; counter campaigns and approaches to disrupting internet radicalisation; and approaches to researching and understanding the role of the internet in radicalisation. The book brings together expertise from a wide range of disciplines and geographical regions including Europe, the US, Canada and Australia. These contributions explore the various roles played by the Internet in radicalisation; the reasons why terroristic propaganda may or may not influence others to engage in violence; the role of political conflict in online radicalisation; and the future of research into terrorism and the internet. By covering this broad range of topics, the volume will make an important and timely addition to the current collections on a growing and international subject. This book will be of much interest to students and researchers of cyber-security, internet politics, terrorism studies, media and communications studies, and International Relations.

Challenges and Practices of Fog Computing, Communication, Networking, Strategy, and Economics Butterworth-Heinemann
Advancements in technology are impacting many businesses and institutions, including libraries. As such, it is increasingly imperative to research purchasing methods to boost cost-effectiveness and efficiency. *Library Technology Funding, Planning, and Deployment* is an authoritative reference source for the latest research on the best methods of the purchase and implementation of various technology systems by libraries. Featuring extensive coverage across a range of relevant perspectives and topics, such as library systems management, Open Source software, and budget constraints, this book is ideally designed for academicians, researchers, practitioners and librarians seeking current research on library purchase and utilization of technology.

Emerging Technologies for Electric and Hybrid Vehicles

John Wiley & Sons

Over 1,700 total pages ... Contains the following publications:

Visual Propaganda and Extremism in the Online Environment
 COUNTERMOBILIZATION: UNCONVENTIONAL SOCIAL WARFARE
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 Weakness in Jihadist Propaganda NATURAL LANGUAGE
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 PASSIVELY MONITORING AN ADVERSARIAL IDEOLOGY AIRWAVES
 AND MICROBLOGS: A STATISTICAL ANALYSIS OF AL-SHABAAB'S
 PROPAGANDA EFFECTIVENESS THE ISLAMIC STATE'S TACTICS IN
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 INFLUENCE OF NEW MEDIA USERS OVER TIME FREE INTERNET
 AND SOCIAL MEDIA: A DUAL-EDGED SWORD

**October 2019, Vladivostok, Russian Federation, Far
 Eastern Federal University** Edward Elgar Publishing
 Electronic Waste Management and Treatment Technology applies
 the latest research for designing waste treatment and disposal
 strategies. Written for researchers who are exploring this
 emerging topic, the book begins with a short, but rigorous,
 discussion of electric waste management that outlines common
 hazardous materials. such as mercury, lead, silver and flame-
 retardants. The book also discusses the fate of metals contained
 in waste electrical and electronic equipment in municipal waste
 treatment. Materials and methods for the remediation, recycling
 and treatment of plastic waste collected from waste electrical and
 electronic equipment (WEEE) are also covered. Finally, the book
 covers the depollution benchmarks for capacitors, batteries and
 printed circuit boards from waste electrical and electronic

equipment (WEEE) and the recovery of waste printed circuit
 boards through pyrometallurgy. Describes depollution
 benchmarks for capacitors, batteries and printed wiring boards
 from waste electronics Covers metals contained in waste
 electrical and electronic equipment in municipal waste Provides
 tactics for the recycling of mixed plastic waste from electrical and
 electronic equipment

Advances in Supercapacitor Technology and Applications Springer
 Nature

A riveting primer on the growing trend of surveillance, monitoring,
 and control that is extending our prison system beyond physical
 walls and into a dark future—by the prize-winning author of
 Understanding Mass Incarceration “James Kilgore is one of my
 favorite commentators regarding the phenomenon of mass
 incarceration and the necessity of pursuing truly transformative
 change.” —Michelle Alexander, author of *The New Jim Crow* In the
 last decade, as the critique of mass incarceration has grown more
 powerful, many reformers have embraced changes that release
 people from prisons and jails. As educator, author, and activist
 James Kilgore brilliantly shows, these rapidly spreading reforms
 largely fall under the heading of “e-carceration”—a range of
 punitive technological interventions, from ankle monitors to facial
 recognition apps, that deprive people of their liberty, all in the
 name of ending mass incarceration. E-carceration can block
 people's access to employment, housing, healthcare, and even
 the chance to spend time with loved ones. Many of these
 technologies gather data that lands in corporate and government
 databases and may lead to further punishment or the marketing
 of their data to Big Tech. This riveting primer on the world of
 techno-punishment comes from the author of award-winning
 Understanding Mass Incarceration. Himself a survivor of prison
 and e-carceration, Kilgore captures the breadth and complexity of
 these technologies and offers inspiring ideas on how to resist.

Toward a Sustainable Future *Advances in Electromechanical
 Technologies*Select Proceedings of TEMT 2019

This book presents the proceedings of the International Science
 and Technology Conference “FarEastCon 2019,” which took place
 on October 1-4, 2019, in Vladivostok, Russian Federation. The
 conference provided a platform for gathering expert opinions on
 projects and initiatives aimed at the implementation of far-sighted
 scientific research and development, and allowed current

theoretical and practical advances to be shared with the broader
 research community. Featuring selected papers from the
 conference, this book will be of interest to experts in various
 fields whose work involves developing innovative solutions and
 increasing the efficiency of economic activities.

Educational Innovations and Contemporary Technologies
 Taylor & Francis

The book is about all aspects of computing, communication,
 general sciences and educational research covered at the Second
 International Conference on Computer & Communication
 Technologies held during 24-26 July 2015 at Hyderabad. It hosted
 by CMR Technical Campus in association with Division - V
 (Education & Research) CSI, India. After a rigorous review only
 quality papers are selected and included in this book. The entire
 book is divided into three volumes. Three volumes cover a variety
 of topics which include medical imaging, networks, data mining,
 intelligent computing, software design, image processing, mobile
 computing, digital signals and speech processing, video
 surveillance and processing, web mining, wireless sensor
 networks, circuit analysis, fuzzy systems, antenna and
 communication systems, biomedical signal processing and
 applications, cloud computing, embedded systems applications
 and cyber security and digital forensic. The readers of these
 volumes will be highly benefited from the technical contents of
 the topics.

Understanding E-Carceration MDPI

This book tackles the regulatory issues of Unmanned Aerial
 Systems (UAS) or Remotely-Piloted Aerial Systems (RPAS), which
 have profound consequences for privacy, security and other
 fundamental liberties. Collectively known as “drones,” they were
 initially deployed for military purposes: reconnaissance,
 surveillance and extrajudicial executions. Today, we are
 witnessing a growth of their use into the civilian and humanitarian
 domain. They are increasingly used for goals as diverse as news
 gathering, aerial inspection of oil refinery flare stacks, mapping of
 the Amazonian rain-forest, crop spraying and search and rescue
 operations. The civil use of drones is becoming a reality in the
 European Union and in the US. The drone revolution may be a new
 technological revolution. Proliferation of the next generation of
 “recreational” drones show how drones will be sold as any other
 consumer item. The cultural perception of the technology is

shifting, as drones are increasingly being used for humanitarian activities, on one hand, but they can also firmly be situated in the prevailing modes of postmodern governance on the other hand. This work will be of interest to researchers in Criminology and Criminal Justice interested in issues related to surveillance, security, privacy, and technology. It will also provide a criminological background for related legal issues, such as privacy law, aviation law, international criminal law, and comparative law. *Intellectual Property and Trade in the Pacific Rim* Springer
For the education system to remain responsive to the needs and demands of its multiple stakeholders it must embrace the innovation and research produced by contemporary technology. This book traverses a wide range of conceptual, disciplinary, methodological, national and sectoral boundaries to explore the challenge presented.

Legal and Social Implications for Security and Surveillance CRC Press

This book is a printed edition of the Special Issue "Emerging Technologies for Electric and Hybrid Vehicles" that was published in *Energies*

Enhancing Teaching and Learning The New Press

Part of the Jones & Bartlett Learning Information Systems Security and Assurance Series Revised and updated to address the many changes in this evolving field, the Second Edition of *Legal Issues in Information Security* addresses the area where law and information security concerns intersect. Information systems security and legal compliance are now required to protect critical governmental and corporate infrastructure, intellectual property created by individuals and organizations alike, and information that individuals believe should be protected from unreasonable intrusion. Organizations must build numerous information security and privacy responses into their daily operations to protect the business itself, fully meet legal requirements, and to meet the expectations of employees and customers. Instructor Materials for *Legal Issues in Information Security* include: PowerPoint Lecture Slides Instructor's Guide Sample Course Syllabus Quiz & Exam Questions Case Scenarios/Handouts New to the Second Edition: Includes discussions of amendments in several relevant federal and state laws and regulations since 2011 Reviews relevant court decisions that have come to light since the publication of the first edition Includes numerous information security data breaches

highlighting new vulnerabilities"

Smart Cities Technologies Routledge

THE ONE-STOP RESOURCE FOR ANY INDIVIDUAL OR

ORGANIZATION CONSIDERING FOG COMPUTING Fog and

Fogonomics is a comprehensive and technology-centric resource that highlights the system model, architectures, building blocks, and IEEE standards for fog computing platforms and solutions. The "fog" is defined as the multiple interconnected layers of computing along the continuum from cloud to endpoints such as user devices and things including racks or microcells in server closets, residential gateways, factory control systems, and more. The authors—noted experts on the topic—review business models and metrics that allow for the economic assessment of fog-based information communication technology (ICT) resources, especially mobile resources. The book contains a wide range of templates and formulas for calculating quality-of-service values.

Comprehensive in scope, it covers topics including fog computing technologies and reference architecture, fog-related standards and markets, fog-enabled applications and services, fog economics (fogonomics), and strategy. This important resource: Offers a comprehensive text on fog computing Discusses pricing, service level agreements, service delivery, and consumption of fog computing Examines how fog has the potential to change the information and communication technology industry in the next decade Describes how fog enables new business models, strategies, and competitive differentiation, as with ecosystems of connected and smart digital products and services Includes case studies featuring integration of fog computing, communication, and networking systems Written for product and systems engineers and designers, as well as for faculty and students, *Fog and Fogonomics* is an essential book that explores the technological and economic issues associated with fog computing.

Wireless Sensor and Actuator Networks for Smart Cities

MDPI

The concept of circular economy is based on strategies, practices, policies, and technologies to achieve principles related to reusing, recycling, redesigning, repurposing, remanufacturing, refurbishing, and recovering water, waste materials, and nutrients to preserve natural resources. It provides the necessary conditions to encourage economic and social actors to adopt

strategies toward sustainability. However, the increasing complexity of sustainability aspects means that traditional engineering and management/economics alone cannot face the new challenges and reach the appropriate solutions. Thus, this book highlights the role of engineering and management in building a sustainable society by developing a circular economy that establishes and protects strong social and cultural structures based on cross-disciplinary knowledge and diverse skills. It includes theoretical justification, research studies, and case studies to provide researchers, practitioners, professionals, and policymakers the appropriate context to work together in promoting sustainability and circular economy thinking. Volume 1, *Circular Economy and Sustainability: Management and Policy*, discusses the content of circular economy principles and how they can be realized in the fields of economy, management, and policy. It gives an outline of the current status and perception of circular economy at the micro-, meso-, and macro-levels to provide a better understanding of its role in achieving sustainability. Volume 2, *Circular Economy and Sustainability: Environmental Engineering*, presents various technological and developmental tools that emphasize the implementation of these principles in practice (micro-level). It demonstrates the necessity to establish a fundamental connection between sustainable engineering and circular economy. Presents a novel approach, linking circular economy concepts to environmental engineering and management to promote sustainability goals in modern societies Approaches the topic on production and consumption at both the micro and macro levels, integrating principles with practice Offers a range of theoretical and foundational knowledge in addition to case studies that demonstrate the potential impact of circular economy principles on both economic and societal progress

Geoscience for the Public Good and Global Development

Springer

This book provides in-depth theoretical and practical information on recent advances in micro-manufacturing technologies and processes, covering such topics as micro-injection moulding, micro-cutting, micro-EDM, micro-assembly, micro-additive manufacturing, moulded interconnected devices, and microscale metrology. It is designed to provide complementary material for the related e-learning platform on micro-manufacturing

developed within the framework of the Leonardo da Vinci project 2013-3748/542424: MIMAN-T: Micro-Manufacturing Training System for SMEs. The book is mainly addressed to technicians and prospective professionals in the sector and will serve as an easily usable tool to facilitate the translation of micro-manufacturing technologies into tangible industrial benefits. Numerous examples are included to assist readers in learning and

implementing the described technologies. In addition, an individual chapter is devoted to technological foresight, addressing market analysis and business models for micro-manufacturers.

Communication Technology Update and Fundamentals MDPI
The book Intelligent Systems in Science and Information 2014 is the carefully edited collection of 25 extended chapters from selected papers in the field of Computational Intelligence that ,

which received highly recommended feedback during the Science and Information Conference (SAI) 2014 review process. All chapters have gone through substantial extension and consolidation and were subject to another round of rigorous review and additional modification and represent the state of the art of the cutting-edge research and technologies in the related areas.

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