

November 2013 N2 Engineering Papers

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ESCAPE-31 IGI Global

Publishes papers reporting on research and development in optical science and engineering and the practical applications of known optical science, engineering, and technology.

Advances in Compression Ignition Natural Gas – Diesel Dual Fuel Engines CRC Press

Papers on Smarandachely edge 2-labeling, Jelly fish graph, Vertex graceful graphs, vertex graceful labeling, caterpillar, actinia graphs, Smarandachely vertex m-labeling, regions Smarandachely semirelib M-graph, mean graph, mean labeling, etc.

Firebrand Waves of Digital

Activism 1994-2014 Routledge

Rehabilitation of heritage monuments provides sustainable development and cultural significance to a region. The most sensitive aspect of the refurbishment of existing buildings lies in the renovation and recovery of structural integrity and public safety. The Handbook of Research on Seismic Assessment and Rehabilitation of Historic Structures evaluates developing contributions in the field of earthquake engineering with regards to the analysis and treatment of structural damage inflicted by seismic activity. This book is a vital reference source for professionals, researchers, students, and engineers active in the field of earthquake engineering who are interested in the emergent developments and research available in the preservation and rehabilitation of heritage buildings following seismic activity.

Handbook of Research on Advanced ICT Integration for Governance and Policy Modeling Springer

Digital War offers a comprehensive overview of

the impact of digital technologies upon the military, the media, the global public and the concept of 'warfare' itself. This introductory textbook explores the range of uses of digital technology in contemporary warfare and conflict. The book begins with the 1991 Gulf War, which showcased post-Vietnam technological developments and established a new model of close military and media management. It explores how this model was reapplied in Kosovo (1999), Afghanistan (2001) and Iraq (2003), and how, with the Web 2.0 revolution, this informational control broke down. New digital technologies allowed anyone to be an informational producer leading to the emergence of a new mode of 'participative war', as seen in Gaza, Iraq and Syria. The book examines major political events of recent times, such as 9/11 and the War on Terror and its aftermath. It also considers how technological developments such as unmanned drones and cyberwar have impacted upon global conflict and explores emerging technologies such as soldier-systems, exo-skeletons, robotics and artificial intelligence and their possible future impact. This book will be of much interest to students of war and media, security studies, political communication, new media, diplomacy and IR in general.

4th International Conference, IScIDE 2013, Beijing, China, July 31 -- August 2, 2013, Revised Selected Papers Springer Science & Business Media

This volume features the latest research and practical data from the premier event for the microelectronics failure analysis community. The papers cover a wide range of testing and failure analysis topics of practical value to anyone working to detect, understand, and eliminate electronic device and system failures.

International Workshop on Behavior and Social Informatics, BSI 2013, Gold Coast, Australia, April 14-17, and International Workshop on Behavior and Social Informatics and Computing, BSIC 2013, Beijing, China, August 3-9, 2013, Revised Selected Papers CRC Press

The International J. Mathematical Combinatorics is a fully refereed international journal, sponsored by the MADIS of Chinese Academy of Sciences and published in USA quarterly, which publishes original research papers and survey articles in all aspects of mathematical combinatorics, Smarandache multi-

spaces, Smarandache geometries, non-Euclidean geometry, topology and their applications to other sciences.

Experimental Methods of Shock Wave Research IGI Global

• 'GATE Mechanical Engineering Guide 2020 with 10 Practice Sets - 6 in Book + 4 Online Tests - 7th edition'

for GATE exam contains exhaustive theory, past year questions, practice problems and Mock Tests. • Covers past 15 years questions. • Exhaustive EXERCISE containing 100-150 questions in each chapter. In all contains around 5300 MCQs. • Solutions provided for each question in detail. • The book provides 10 Practice Sets - 6 in Book + 4 Online Tests designed exactly on the latest pattern of GATE exam.

Semiannual cumulation Gulf Professional Publishing

This book constitutes the thoroughly refereed post-conference proceedings of the 4th International Conference on Intelligence Science and Big Data Engineering, IScIDE 2013, held in Beijing, China, in July/August 2013.

The 111 papers presented were carefully peer-reviewed and selected from 390 submissions. Topics covered include information theoretic and Bayesian approaches; probabilistic graphical models; pattern recognition and computer vision; signal processing and image processing; machine learning and computational intelligence; neural networks and neuro-informatics; statistical inference and uncertainty reasoning; bioinformatics and computational biology and speech recognition and natural language processing.

The Journal of the Society of Photo-optical Instrumentation Engineers Macmillan Reference USA

Dielectrics in Electric Fields explores the influence of electric fields on dielectric—i.e., non-conducting or insulating—materials, examining the distinctive behaviors of these materials through well-established principles of physics and engineering. Featuring five new chapters, nearly 200 new figures, and more than 800

new citations, this fully updated and significantly expanded Second Edition: Analyzes inorganic substances with real-life applications in harsh working conditions such as outdoor, nuclear, and space environments Introduces methods for measuring dielectric properties at microwave frequencies, presenting results obtained for specific materials Discusses the application of dielectric theory in allied fields such as corrosion studies, civil engineering, and health sciences Combines in one chapter coverage of electrical breakdown in gases with breakdown in micrometric gaps Offers extensive coverage of electron energy distribution—essential knowledge required for the application of plasma sciences in medical science Delivers a detailed review of breakdown in liquids, along with an overview of electron mobility, providing a clear understanding of breakdown phenomena Explains breakdown in solid dielectrics such as single crystals, polycrystalline and amorphous states, thin films, and powders compressed to form pellets Addresses the latest advances in dielectric theory and research, including cutting-edge nanodielectric materials and their practical applications Blends early classical papers that laid the foundation for much of the dielectric theory with more recent work The author has drawn from more than 55 years of research studies and experience in the areas of high-voltage engineering, power systems, and dielectric materials and systems to supply both aspiring and practicing engineers with a comprehensive, authoritative source for up-to-date information on dielectrics in electric fields. Thom H. Dunning, Jr. Springer This book introduces four waves of upsurge in digital activism and cyberconflict. The rise of digital activism started in 1994, was transformed by the events of 9/11, culminated in 2011 with the Arab Spring uprisings, and entered a transformative phase of control and mainstreaming since 2013 with the Snowden affair. Dielectrics in Electric Fields Indiana University Press In order for educational systems not to become stagnant, teaching strategies must be routinely re-evaluated. Not only does this optimize the learning process, but it enhances the overall experience for the students. Collaboration and Student Engagement in Design Education is a pivotal reference source for the latest scholarly research on the implementation of teamwork between architecture

students in design courses to enrich knowledge attainment and boost creativity. Highlighting pedagogical insights into team building and relevant case studies, this book is ideally designed for educators, students, administrators, and professionals interested in the development of effective design programs.

Energy Related Issues Walter de Gruyter GmbH & Co KG

Images play a key role for scholarly work in many ways – they facilitate communication and support understanding or make research results look more appealing. At the same time powerful image-editing programs have profoundly changed how image manipulations are perceived today. This book explores how scholars from different domains conceive image manipulation. The study is based on research carried out at the Interdisciplinary Laboratory Image Knowledge Gestaltung at Humboldt University Berlin.

Informants from the field of biology, computer science, art history and design explain how they differentiate between appropriate and inappropriate image manipulation. Furthermore these experts report on whether guidelines or practical logics shape their work with images.

Handbook of Research on Seismic Assessment and Rehabilitation of Historic Structures Rowman & Littlefield

This comprehensive and carefully edited volume presents a variety of experimental methods used in Shock Waves research. In 14 self contained chapters this 9th volume of the “ Shock Wave Science and Technology Reference Library ” presents the experimental methods used in Shock Tubes, Shock Tunnels and Expansion Tubes facilities. Also described is their set-up and operation. The uses of an arc heated wind tunnel and a gun tunnel are also contained in this volume. Whenever possible, in addition to the technical description some typical scientific results obtained using such facilities are described. Additionally, this authoritative book includes techniques for measuring physical properties of blast waves and laser generated shock waves. Information about active shock wave laboratories at different locations around the world that are not described in the chapters herein is given in the Appendix, making this book useful for every researcher involved in shock/blast wave phenomena.

Advances in Digital Forensics IX Elsevier This book covers remarkable contemporary nanomaterials such as carbon nanomaterials, nanoclays, quantum dots, MXene, and metal-organic frameworks. Each chapter discusses the synthesis techniques, characterization methods, properties, and the nanomaterials ’ use in different aspects of biomedical, energy, polymers, material construction, biosensors, coatings, and catalysis. Moreover, commercialization challenges and environmental risks of nanomaterials are also covered in depth. The book provides an understanding of the fundamental properties, limitations and challenges in nanomaterials synthesis, serving as a valuable resource for researchers, graduate students, academicians, and consultants working with nanomaterials for engineering applications.

Public Procurement and Aid

Effectiveness Society of Photo Optical Energy and Combustion Science is a collection of papers that covers advancement in the field of energy and combustion science. The materials presented in the book are organized thematically into parts. The text first covers the issues, concerns, problems of the contemporary combustion technology. The subsequent parts of the book cover various areas in combustions science, namely, pollution, gas, oil, coal, and engines. Most of the articles in the book are concerned with the byproduct of fuel combustion. The text will be of great use to students, researchers, and practitioners of disciplines that deal with the energy and combustion technology.

Re-engineering Manufacturing for Sustainability CRC Press

This book constitutes the thoroughly refereed proceedings of the International Workshops on Behavior and Social Informatics and Computing, BSIC 2013, held as collocated event of IJCAI 2013, in Beijing, China in August 2013 and the International Workshop on Behavior and Social Informatics, BSI 2013, held as satellite workshop of PAKDD 2013, in Gold Coast, Australia, in April 2013. The 23 papers presented were carefully reviewed and selected from 58 submissions. The papers study a wide range of techniques and methods for behavior/social-oriented analyses including behavioral and social interaction and network, behavioral/social patterns, behavioral/social impacts, the formation of behavioral/social-oriented groups and collective intelligence and behavioral/social intelligence emergence.

Proceedings of the 2014

International Conference on Future Communication Technology and Engineering (FCTE 2014),

Shenzhen, China, 16-17 November 2014 Springer

As governments and policy makers

take advantage of information and communication technologies, leaders must understand how to navigate the ever-shifting landscape of modern technologies in order to be most effective in enacting change and leading their constituents. The Handbook of Research on Advanced ICT Integration for Governance and Policy Modeling builds on the available literature, research, and recent advances in e-governance to explore advanced methods and applications of digital tools in government. This collection of the latest research in the field presents an essential reference for academics, researchers, and advanced-level students, as well as government leaders, policy makers, and experts in international relations.

Tep Vol 28-N2-3 Cambridge University Press

The 31st European Symposium on Computer Aided Process Engineering: ESCAPE-31, Volume 50 contains the papers presented at the 31st European Symposium of Computer Aided Process Engineering (ESCAPE) event held in Istanbul, Turkey. It is a valuable resource for chemical engineers, chemical process engineers, researchers in industry and academia, students and consultants in the chemical industries. Presents findings and discussions from the 31st European Symposium of Computer Aided Process Engineering (ESCAPE) event

Current Index to Journals in Education Springer

This edited volume presents the proceedings of the 20th CIRP LCE Conference, which cover various areas in life cycle engineering such as life cycle design, end-of-life management, manufacturing processes, manufacturing systems, methods and tools for sustainability, social sustainability, supply chain management, remanufacturing, etc.

Mathematical Combinatorics, Vol. 3/2013 Disha Publications

This book offers an introduction to the geomechanical issues raised by both the extraction of actual and potential energy resources, and by the treatment of the ensuing environmental concerns. Discussions of the operations of injection of fluids into, and withdrawal from, geological

formations link the chapters, each devoted to a particular technical aspect or scientific issue, or to a particular energy resource. Subjects are ordered according to their industrial applications, including enhanced oil and gas recovery, gas hydrates, enhanced geothermal systems, hydraulic fracturing, and carbon dioxide sequestration. An overview of the industrial, research and simulation aspects for each subject is provided. Fluid Injection in Deformable Geological Formations will be of interest to academic and industrial researchers in a wide variety of fields, including computational mechanics, civil engineering, geotechnical engineering and geomechanics, engineering seismology, petroleum engineering, reservoir engineering, and engineering geology.