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Teacher Education and Practice, a peer-refereed journal, is dedicated to the encouragement and the

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dissemination of research and scholarship related to professional education. The journal is concerned, in the broadest sense, with teacher preparation, practice and policy issues related to the teaching profession, as well as being

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concerned with learning in the school setting. The journal also serves as a forum for the exchange of diverse ideas and points of view within these purposes. As a forum, the journal offers a public space in which to critically examine current

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discourse and practice as well as engage in generative dialogue. Alternative forms of inquiry and representation are invited, and authors from a variety of backgrounds and diverse perspectives are encouraged to

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contribute. *Teacher Education & Practice* is published by Rowman & Littlefield.

In order for educational systems not to become stagnant, teaching strategies must be routinely re-evaluated. Not only does this

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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

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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,

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students, administrators, and professionals interested in the development of effective design programs.

Future Communication Technology and Engineering is a collection of papers presented at the 2014

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International Conference on Future
Communication Technology and
Engineering (Shenzhen, China 16-17
November 2014). Covering a wide
range of topics (communication
systems, automation and control
engineering, electrical engineering),

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the book includes the

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

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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

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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

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leaders, policy makers, and experts
in international relations.

The Rise and Spread of Hacktivism
and Cyberconflict

Mathematical Combinatorics, Vol.
3/2013

4th International Conference,

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IScIDE 2013, Beijing, China, July
31 -- August 2, 2013, Revised
Selected Papers

Digital War

Practical Applications of Intelligent
Systems

Behavior and Social Computing

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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

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Selected Papers

**Papers on Smarandachely edge
2-labeling, Jelly fish
graph, Vertex graceful
graphs, vertex graceful
labeling, caterpillar,
actinia graphs,
Smarandachely vertex m-**

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labeling, regions

**Smarandachely semirelib M-
graph, mean graph, mean
labeling, etc.**

**Emerging from the confluence
of Greco-Roman mythology and
regional folklore, the
mermaid has been an enduring**

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**motif in Western culture
since the medieval period.
It has also been
disseminated more widely,
initially through Western
trade and colonisation and,
more recently, through the
increasing globalisation of**

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**media products and outlets.
Scaled for Success offers
the first detailed overview
of the mermaids dispersal
outside Europe.
Complementing previous
studies of the
interrelationship between**

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**the mermaid and Mami Wata
spirit in West Africa, this
volume addresses the
mermaids presence in a range
of Middle Eastern, Asian,
Australian, Latin American
and North American contexts.
Individual chapters identify**

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the manner in which the mermaid has been variously syncretised and/or resignified in contexts as diverse as Indian public statuary, Thai cinema and Coney Islands annual Mermaid Parade. Rather than

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lingering as a relic of a bygone age, the mermaid emerges as a versatile, dynamic and, above all, polyvalent figure. Her prominence exemplifies the manner in which contemporary media-lore has extended the

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**currency of established
folkloric figures in new and
often surprising ways.
Analysing aspects of
religious symbolism, visual
art, literature and
contemporary popular
culture, this copiously**

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**illustrated volume profiles
an intriguing and highly
diverse phenomenon. Philip
Hayward is editor of the
journal Shima and holds
adjunct professor positions
at the University of
Technology Sydney and at**

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**Southern Cross University.
His previous volume, Making
a Splash: Mermaids (and
Mermen) in 20th and 21st
Century Audiovisual Media,
was published by John Libbey
Publishing/Indiana
University Press in 2017.**

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**"Practical Applications of
Intelligent Systems"
presents selected papers
from the 2013 International
Conference on Intelligent
Systems and Knowledge
Engineering (ISKE2013). The
aim of this conference is to**

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bring together experts from different expertise areas to discuss the state-of-the-art in Intelligent Systems and Knowledge Engineering, and to present new research results and perspectives on future development. The

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**topics in this volume
include, but are not limited
to: Intelligent Game,
Intelligent Multimedia,
Business Intelligence,
Intelligent Bioinformatics
Systems, Intelligent
Healthcare Systems, User**

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**Interfaces and Human
Computer Interaction,
Knowledge-based Software
Engineering, Social Issues
of Knowledge Engineering,
etc. The proceedings are
benefit for both researchers
and practitioners who want**

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**to learn more about the
current practice, experience
and promising new ideas in
the broad area of
intelligent systems and
knowledge engineering. Dr.
Zhenkun Wen is a Professor
at the College of Computer**

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**and Software Engineering,
Shenzhen University, China.
Dr. Tianrui Li is a
Professor at the School of
Information Science and
Technology, Southwest
Jiaotong University, Xi'an,
China.**

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**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**

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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

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**findings and discussions
from the 31st European
Symposium of Computer Aided
Process Engineering (ESCAPE)
event
Selected Papers on Digital
Image Processing
Plant Hazard Analysis and**

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**Safety Instrumentation
Systems**

**Achieving Positive Outcomes
in a Complex World
Energy Related Issues**

**Encyclopedia of Information
Science and Technology,**

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Third Edition

Computing and Combinatorics

This book shows African heritage to be a mode of political organisation - where heritage work has a uniquely wide currency.

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"This 10-volume
compilation of
authoritative, research-
based articles contributed
by thousands of
researchers and experts
from all over the world

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emphasized modern issues and the presentation of potential opportunities, prospective solutions, and future directions in the field of information science and

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technology"--Provided by
publisher.

In this Festschrift
celebrating the career of
Thom H. Dunning, Jr.,
selected researchers in
theoretical chemistry

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present research
highlights on major
developments in the field.
Originally published in
the journal Theoretical
Chemistry Accounts, these
outstanding contributions

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are now available in a hardcover print format, as well as a special electronic edition. This volume provides valuable content for all researchers in theoretical

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chemistry and will especially benefit those research groups and libraries with limited access to the journal. Digital War offers a comprehensive overview of

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the impact of digital technologies upon the military, the media, the global public and the concept of 'warfare' itself. This introductory textbook explores the

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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

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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,

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with the Web 2.0
revolution, this
informational control
broke down. New digital
technologies allowed
anyone to be an
informational producer

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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

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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

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explores emerging technologies such as soldier-systems, exo-skeletons, robotics and artificial intelligence and their possible future impact. This book will be

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of much interest to students of war and media, security studies, political communication, new media, diplomacy and IR in general.

Thom H. Dunning, Jr.

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Shaping Images
Scholarly Perspectives on
Image Manipulation
Proceedings from the 39th
International Symposium
for Testing and Failure
Analysis

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International Journal of
Mathematical
Combinatorics, Volume 3,
2013

Handbook of Research on
Seismic Assessment and
Rehabilitation of Historic

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Structures

Intelligence Science and
Big Data Engineering

**This comprehensive and
carefully edited volume presents
a variety of experimental
methods used in Shock Waves**

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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

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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

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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

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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

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**involved in shock/blast wave
phenomena.**

**Safety, Reliability, Risk and Life-
Cycle Performance of Structures
and Infrastructures contains the
plenary lectures and papers
presented at the 11th**

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**International Conference on
STRUCTURAL SAFETY AND
RELIABILITY (ICOSSAR2013,
New York, NY, USA, 16-20 June
2013), and covers major aspects
of safety, reliability, risk and life-
cycle performance of str**

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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

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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

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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

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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

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**variety of fields, including
computational mechanics, civil
engineering, geotechnical
engineering and geomechanics,
engineering seismology,
petroleum engineering, reservoir
engineering, and engineering**

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geology.

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

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Arab Spring uprisings, and entered a transformative phase of control and mainstreaming since 2013 with the Snowden affair.

Safety, Reliability, Risk and Life-Cycle Performance of Structures

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**and Infrastructures
Proceedings of the Eighth
International Conference on
Intelligent Systems and
Knowledge Engineering,
Shenzhen, China, Nov 2013
(ISKE 2013)**

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Contemporary Nanomaterials in
Material Engineering
Applications
Current Index to Journals in
Education
Ionic Liquids in Flow Assurance**

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Public Procurement and Aid Effectiveness

- '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

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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

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book provides 10 Practice Sets - 6 in Book + 4 Online Tests designed exactly on the latest pattern of GATE exam.

Plant Hazard Analysis and Safety Instrumentation Systems is the first book to combine coverage of these

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two integral aspects of running a chemical processing plant. It helps engineers from various disciplines learn how various analysis techniques, international standards, and instrumentation and controls provide layers of protection for

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basic process control systems, and how, as a result, overall system reliability, availability, dependability, and maintainability can be increased. This step-by-step guide takes readers through the development of safety instrumented

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systems, also including discussions on cost impact, basics of statistics, and reliability. Swapan Basu brings more than 35 years of industrial experience to this book, using practical examples to demonstrate concepts. Basu links between the

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SIS requirements and process hazard analysis in order to complete SIS lifecycle implementation and covers safety analysis and realization in control systems, with up-to-date descriptions of modern concepts,

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such as SIL, SIS, and Fault Tolerance to name a few. In addition, the book addresses security issues that are particularly important for the programmable systems in modern plants, and discusses, at length, hazardous

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atmospheres and their impact on electrical enclosures and the use of IS circuits. Helps the reader identify which hazard analysis method is the most appropriate (covers ALARP, HAZOP, FMEA, LOPA)
Provides tactics on how to

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implement standards, such as IEC 61508/61511 and ANSI/ISA 84 Presents information on how to conduct safety analysis and realization in control systems and safety instrumentation This book focuses on the

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application of ionic liquids in flow assurance in the oil and gas industry. It discusses their physiochemical properties, and considers the role of ionic liquids as gas hydrate inhibitors in offshore pipelines. Gas hydrate occurrence

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can pose a major threat to pipeline integrity. Therefore, different categories of gas hydrate inhibitors and the main factors influencing ionic liquids during gas hydrate inhibition are examined thoroughly. The use of ionic liquids as corrosion

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inhibitors, their application in flow assurance industry to mitigate corrosion, and factors affecting their performance are discussed. Finally, the applications of ionic liquids in wax, scale and asphaltene deposition control is explored. The

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extensive discussion of ionic liquids in flow assurance mean that this book will be of use to researchers, engineers, and industry professionals in upstream processing of the oil and gas sector.

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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

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anyone working to detect, understand, and eliminate electronic device and system failures.

9th IFIP WG 11.9 International Conference on Digital Forensics, Orlando, FL, USA, January 28-30,

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2014

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1994-2014

Future Communication Technology
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Experimental Methods of Shock
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**Contamination Control in the
Natural Gas Industry delivers the
separation fundamentals and**

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technology applications utilized by natural gas producers and processors. This reference covers principles and practices for better design and operation of a wide range of media, filters and systems to remove contaminants

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from liquids and gases, enabling gas industry professionals to fulfill diverse fluid purification requirements. Packed to cover practical technologies, diagnostics and troubleshooting methods, this book provides gas engineers and

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**technologists with a critical first-
ever reference geared to
contamination control. Covers
contamination control methods
and equipment specific to the
natural gas industry Includes
guidelines on fundamentals and**

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**real-world technologies used today
Gives engineers better design and
operation with rating methods,
standards and case histories
Top Vol 28-N2-3Rowman &
Littlefield**

Learn How to Infuse Leadership

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**into Your Passion for Scientific
Research Leadership and Women
in Statistics explores the role of
statisticians as leaders, with
particular attention to women
statisticians as leaders. By paying
special attention to women's**

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**issues, this book provides a clear
vision for the future of women as
leaders in scientific and
Collections: A Journal for
Museum and Archives
Professionals" is a multi-
disciplinary peer-reviewed**

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handling, preserving, researching,
and organizing collections.
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managers, preparators, registrars,
educators, students, and others**

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**Handbook of Research on
Advanced ICT Integration for
Governance and Policy Modeling
Proceedings of the 20th CIRP
International Conference on Life
Cycle Engineering, Singapore**

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17-19 April, 2013

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Collections Vol 12

**Current Index to Journals in
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Cumulation, January-June

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Top Vol 28-N2-3

**The Journal of the Society of
Photo-optical Instrumentation
Engineers**

The International J. Mathematical
Combinatorics is a fully refereed
international journal, sponsored by

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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

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and their applications to other sciences.

This edited collection fills a significant gap in the literature by gathering contributions from the most prominent academics and practitioners of aid and procurement. It explores the

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economic, political and legal relationship between procurement and aid effectiveness in developing countries, and takes stock of current debates in the field. More specifically, the contributions analyse the failures and successes of current initiatives to foster

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effectiveness and streamline the aid procurement process, and address current themes emerging in the literature related to development, procurement and aid success. A pivotal and timely publication, *Public Procurement and Aid Effectiveness* will be of interest to a

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varied and multicultural international audience and a wide range of actors working on aid effectiveness, development, procurement and good governance initiatives in both donor and beneficiary countries.

This book constitutes the refereed

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proceedings of the 19th International Conference on Computing and Combinatorics, COCOON 2013, held in Hangzhou, China, in June 2013. The 56 revised full papers presented were carefully reviewed and selected from 120 submissions. There was a co-

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organized workshop on discrete algorithms of which 8 short papers were accepted and a workshop on computational social networks where 12 papers out of 25 submissions were accepted.

Rehabilitation of heritage monuments provides sustainable

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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

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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,

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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.

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ISTFA 2013

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Book + 4 Online) 7th edition

The Politics of Heritage in Africa

Scaled for Success

Optical Engineering

Fluid Injection in Deformable

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Geological Formations
Systems Engineering for Projects
This book constitutes the
thoroughly refereed post-
conference proceedings of the 4th
International Conference on
Intelligence Science and Big Data

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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

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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

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inference and uncertainty reasoning; bioinformatics and computational biology and speech recognition and natural language processing.

This book covers remarkable contemporary nanomaterials such

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as carbon nanomaterials, nanoclays, quantum dots, MXene, and metal-organic frameworks. Each chapter discusses the synthesis techniques, characterization methods, properties, and the nanomaterials'

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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

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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

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consultants working with nanomaterials for engineering applications.

This edited volume presents the proceedings of the 20th CIRP LCE Conference, which cover various areas in life cycle engineering

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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.

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Digital forensics deals with the acquisition, preservation, examination, analysis and presentation of electronic evidence. Networked computing, wireless communications and portable electronic devices have

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expanded the role of digital forensics beyond traditional computer crime investigations. Practically every crime now involves some aspect of digital evidence; digital forensics provides the techniques and tools

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to articulate this evidence. Digital forensics also has myriad intelligence applications. Furthermore, it has a vital role in information assurance - investigations of security breaches yield valuable information that can

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be used to design more secure systems. Advances in Digital Forensics IX describe original research results and innovative applications in the discipline of digital forensics. In addition, it highlights some of the major

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technical and legal issues related to digital evidence and electronic crime investigations. The areas of coverage include: Themes and Issues, Forensic Models, Forensic Techniques, File system Forensics, Network Forensics, Cloud

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Forensics, Forensic Tools, and
Advanced Forensic Techniques.
This book is the ninth volume in
the annual series produced by the
International Federation for
Information Processing (IFIP)
Working Group 11.9 on Digital

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Forensics, an international community of scientists, engineers and practitioners dedicated to advancing the state of the art of research and practice in digital forensics. The book contains a selection of twenty-five edited

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papers from the Ninth Annual IFIP WG 11.9 International Conference on Digital Forensics, held in Orlando, Florida, USA in the winter of 2013. Advances in Digital Forensics IX is an important resource for researchers, faculty

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members and graduate students, as well as for practitioners and individuals engaged in research and development efforts for the law enforcement and intelligence communities. Gilbert Peterson is an Associate Professor of

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Computer Engineering at the Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio, USA. Sujeet Shenoj is the F.P. Walter Professor of Computer Science and a Professor of Chemical Engineering at the

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University of Tulsa, Tulsa,
Oklahoma, USA.

Leadership and Women in
Statistics

19th International Conference,
COCOON 2013, Hangzhou, China,
June 21-23, 2013, Proceedings

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Advances in Compression Ignition
Natural Gas - Diesel Dual Fuel
Engines

A Critical Introduction

Re-engineering Manufacturing for
Sustainability

The Internationalisation of the

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Mermaid

5th International Conference, FSEN
2013, Tehran, Iran, April 24-26,
2013, Revised Selected Papers

***Systems engineering has been
applied to some of the most
important projects of our time,***

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including those that have helped humanity explore the world and the universe, expand our technical abilities, and enhance the quality of human life. Without formal training in systems engineering, the

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discipline is often difficult to understand and apply, and its use within projects is often confusing. Systems Engineering for Projects: Achieving Positive Outcomes in a Complex World provides an

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approach that utilizes a combination of the most effective processes from both project management and systems engineering disciplines in a simplified and straightforward manner. The

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processes described in the book are lightweight, flexible, and tailorable. They provide the shortest path to success in projects across the entire project life cycle, from research to operations, and

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from simple to the most complex. The book also addresses how this methodology can be used in a continually adapting and changing world, as projects span disciplines and become

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***even more interconnected
across all areas of human
existence. Each chapter
includes diagrams, templates,
summary lists, a case study,
and a thought-provoking
question and answer section***

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***that assists readers in
immediate application of the
material to their own projects.
The book is a project
manager's resource for
understanding how to directly
apply essential processes to***

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***projects in a way that
increases the probability of
achieving success. It is a
comprehensive, go-to manual
on the application of systems
engineering processes to
projects of all types and***

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complexity.

***This book constitutes the
thoroughly refereed
proceedings of the
International Workshops on
Behavior and Social
Informatics and Computing,***

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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

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***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-***

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***oriented analyses including
behavioral and social
interaction and network,
behavioral/social patterns,
behavioral/social impacts, the
formation of behavioral/social-
oriented groups and collective***

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***intelligence and
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