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**The Factors to Improve Commercialization Rate Improving Flood Management, Prediction and Monitoring Theory and Practice in Hospitality and Tourism Research Modeling, Design and Simulation of Systems Intelligent Software Methodologies, Tools and Techniques Soft Computing in Data Science Hospitality and Tourism Proceedings of the International Colloquium on Sports Science, Exercise, Engineering and Technology 2014 (ICoSSEET 2014) Soft Computing in Data Science Recent Trends in Data Science and Soft Computing Proceedings of the Third International Conference on Computing, Mathematics and Statistics (iCMS2017) Outcome-Based Science, Technology, Engineering, and Mathematics Education: Innovative Practices Recent Trends in Information and Communication Technology The Liar in Your Life Membrane Characterization Proceedings of the 6th International Conference on Fundamental and Applied Sciences Proceedings of the International Conference on Computing, Mathematics and Statistics (iCMS 2015) Environmental Biotechnology Intelligent Information and Database Systems Computational Science and Its Applications - ICCSA 2007 Developments in Multidimensional Spatial Data Models Membrane Technology for Water and Wastewater Treatment, Energy and Environment Sustainable Water Treatment Engineering and Technical Development for a Sustainable Environment Proceedings of the 7th International Conference on Kansei Engineering and Emotion**  
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*Research 2018 Current Trends and Future Developments on (Bio-) Membranes Ontology-Based Applications for Enterprise Systems and Knowledge Management* **Heritage, Culture and Society**  
**Intelligent Systems Technologies and Applications**  
Sustainable Membrane Technology for Energy, Water, and Environment *New Trends in Software Methodologies, Tools and Techniques* **Soft Computing in Data Science** Bioresources Technology in Sustainable Agriculture *Information Retrieval Technology* Computational Intelligence in Information Systems Information Resources in Toxicology **Advancing Technology**  
**Industrialization Through Intelligent Software Methodologies, Tools and Techniques** *Advanced Nanoelectronics Proceedings of the International Conference on Systems, Science, Control, Communication, Engineering and Technology 2015* **Diverse Learning Opportunities Through Technology-Based Curriculum Design**

*Ontology-Based Applications for Enterprise Systems and Knowledge Management* Aug 10 2020 "This book provides an opportunity for readers to clearly understand the notion of ontology engineering and the practical aspects of this approach in the domains of two  
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interest areas:  
 Knowledge Management Systems and Enterprise Systems"--  
**Intelligent Information and Database Systems**  
 Apr 17 2021 The two-volume set LNAI 7802 and LNAI 7803 constitutes the refereed proceedings of the

5th Asian Conference on Intelligent Information and Database Systems, ACIIDS 2013, held in Kuala Lumpur, Malaysia in March 2013. The 108 revised papers presented were carefully reviewed and selected from numerous submissions. The papers included are  
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grouped into topical sections on: innovations in intelligent computation and applications; intelligent database systems; intelligent information systems; tools and applications; intelligent recommender systems; multiple modal approach to machine learning; engineering knowledge and semantic systems; computational biology and bioinformatics; computational intelligence; modeling and optimization techniques in information systems, database systems and industrial systems; intelligent supply chains; applied data mining for semantic

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Web; semantic Web and ontology; integration of information systems; and conceptual modeling in advanced database systems. *Recent Trends in Data Science and Soft Computing* Jan 27 2022 This book presents the proceedings of the 3rd International Conference of Reliable Information and Communication Technology 2018 (IRICT 2018), which was held in Kuala Lumpur, Malaysia, on July 23-24, 2018. The main theme of the conference was "Data Science, AI and IoT Trends for the Fourth Industrial Revolution." A total of 158 papers were

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submitted to the conference, of which 103 were accepted and considered for publication in this book. Several hot research topics are covered, including Advances in Data Science and Big Data Analytics, Artificial Intelligence and Soft Computing, Business Intelligence, Internet of Things (IoT) Technologies and Applications, Intelligent Communication Systems, Advances in Computer Vision, Health Informatics, Reliable Cloud Computing Environments, Recent Trends in Knowledge Management, Security Issues in the Cyber World, and Advances in

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Information Systems Research, Theories and Methods. Computational Intelligence in Information Systems Dec 02 2019 This book constitutes the Proceeding of the Computational Intelligence in Information Systems conference (CIIS 2018), held in Brunei, November 16 - 18, 2018. The CIIS conference provides a platform for researchers to exchange the latest ideas and to present new research advances in general areas related to computational intelligence and its application. The 19 revised papers presented in this book have been carefully selected

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from 41 submissions. The Conference contributes to major fields of the Computing and Information Systems in theoretical and practical aspects. This include Computational Intelligence Techniques, Data Mining, Big Data, the Internet of Things (IoTs), Machine Learning, Predictive Analytics, Product and Design technology, Smart Products, Human Centered Design (HCD), Additive Manufacturing, Information Security, Computer Networks and Cyber Technologies.

Proceedings of the International Colloquium on

Sports Science, Exercise, Engineering and Technology 2014 (ICoSSEET 2014) Mar 29 2022 The proceeding is a collection of research papers presented at the International Colloquium on Sports Science, Exercise, Engineering and Technology (ICoSSEET2014), a conference dedicated to address the challenges in the areas of sports science, exercise, sports engineering and technology including other areas of sports, thereby presenting a consolidated view to the interested researchers in the aforesaid fields.

The goal of this conference was to

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bring together researchers and practitioners from academia and industry to focus on the scope of the conference and establishing new collaborations in these areas. The topics of interest are as follows but are not limited to:

1. Sports and Exercise Science • Sports Nutrition • Sports Biomechanics • Strength and Conditioning • Motor Learning and Control • Sports Psychology • Sports Coaching • Sports and Exercise Physiology • Sports Medicine and Athletic Trainer • Fitness and Wellness • Exercise Rehabilitation • Adapted Physical Activity / Disability Sport • Physical Education • Dance,

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2. Games and Play 2. Sports Engineering and Technology Application • Sports Equipment Mechanics • Athlete Analysis and Measurement • Instrumentation and Measurement in Sports • Fluid Dynamics in Sports • Computational Modeling in Sports
3. Sports Industry and Management • Sports Event • Sports Management • Sports Tourism • Sports Marketing • Sports Ethics and Law • Sports Sociology • Outdoor and Recreation Management • Inclusive Recreation • Leisure

*Information Retrieval Technology* Jan 03 2020 This book

constitutes the refereed proceedings of the 10th Information Retrieval Societies Conference, AIRS 2014, held in Kuching, Malaysia, in December 2014. The 42 full papers were carefully reviewed and selected from 110 submissions. Seven tracks were the focus of the AIR 2014 and they were IR models and theories; IR evaluation, user study and interactive IR; web IR, scalability and IR in social media; multimedia IR; natural language processing for IR; machine learning and data mining for IR and IR applications.

*Current Trends and Future Developments on*  
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*(Bio-) Membranes*  
Sep 10 2020  
Current Trends and  
Future  
Developments on  
(Bio-) Membranes:  
Photocatalytic  
Membranes and  
Photocatalytic  
Membrane  
Reactors offers a  
comprehensive  
review on the state-  
of-the-art in the  
area of PMs and  
PMRs. The book  
gives an overview  
of the basis of  
photocatalysis and  
membrane  
separation and the  
basic aspects of  
photocatalytic  
membranes and  
photocatalytic  
membrane reactors,  
along with their  
applications,  
modeling, and the  
economic aspects of  
PMs and PMRs. The  
book addresses the  
main issues  
associated with

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PMRs design and  
tries to predict how  
long it will be  
before laboratory  
scale models can be  
scaled to the PMR  
industry. Reviews  
new hybrid  
separation  
techniques based  
on photocatalysis  
and membranes  
Offers a detailed  
description of the  
various  
photocatalytic  
membrane reactors  
and their function  
Includes new  
membrane based  
separation  
techniques for the  
removal of  
emerging  
contaminants from  
water, such as  
pharmaceutical and  
personal care  
products Discusses  
numerous reactor  
configurations and  
various membrane  
materials for  
photocatalytic

membranes  
Includes the  
modeling and  
economic aspects of  
various processes  
*Proceedings of the  
Third International  
Conference on  
Computing,  
Mathematics and  
Statistics  
(iCMS2017)* Dec 26  
2021 This book is a  
product of the Third  
International  
Conference on  
Computing,  
Mathematics and  
Statistics  
(iCMS2017) to be  
held in Langkawi in  
November 2017. It  
is divided into four  
sections according  
to the thrust areas:  
Computer Science,  
Mathematics,  
Statistics, and  
Multidisciplinary  
Applications. All  
sections sought to  
confront current  
issues that society  
faces today. The

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book brings collectively quantitative, as well as qualitative, research methods that are also suitable for future research undertakings.

Researchers in Computer Science, Mathematics and Statistics can use this book as a sourcebook to enrich their research works.

Proceedings of the 6th International Conference on Fundamental and Applied Sciences

Jul 21 2021 This book highlights latest advancement in Mathematics, Physics and Chemistry. With the theme of "Innovative Science towards Sustainability and Industrial Revolution 4.0",

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ICFAS 2020 brings together leading experts, scientific communities and industrialists working in the field of applied sciences and mathematics from all over the world to share the most recent developments and cutting-edge discoveries addressing sustainability and industrial revolution 4.0 in the field. The conference topics include green materials, molecular modelling, catalysis, nanodevices and nanosystems, smart materials applications, solar cells technology, computational mathematics, data analysis and visualization, and

numerical analysis. The contents of this book are useful for researchers, students, and industrial practitioners in the areas of Mathematics, Physics and Chemistry as most of the topics are in line with IR 4.0.

**Soft Computing in Data Science**

May 31 2022 This book constitutes the refereed proceedings of the International Conference on Soft Computing in Data Science, SCDS 2016, held in Putrajaya, Malaysia, in September 2016.

The 27 revised full papers presented were carefully reviewed and selected from 66 submissions. The papers are

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organized in topical sections on artificial neural networks; classification, clustering, visualization; fuzzy logic; information and sentiment analytics.

**Proceedings of the International Conference on Computing, Mathematics and Statistics (iCMS 2015)** Jun 19 2021

This proceedings volume consists of refereed papers presented at the Second International Conference on Computing, Mathematics and Statistics (iCMS 2015) held in Langkawi, Malaysia in November 2015. Divided into three sections - Computer Science, Mathematics and Statistics - the book  
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includes both quantitative and qualitative research that confronts current societal issues. Within the main sections, the book also covers education based research works and the applications of computer and mathematical sciences in social science, business, industries and the life and hard sciences. Drawing on the theme Bridging Research Endeavor on Computing, Mathematics and Statistics, each of the conference papers are carefully selected and edited to cater to readers from diverse applied and social sciences backgrounds. The book allows for the contemplation and

reflection on the possibility of the knowledge growth and knowledge sharing in building a better world for future generations.

**Hospitality and Tourism** Apr 29 2022 Hospitality and Tourism - Synergizing creativity and innovation in research contains 116 accepted papers from the International Hospitality and Tourism Postgraduate Conference 2013 (Shah Alam, Malaysia, 2-3 September 2013).

The book presents trends and practical ideas in the area of hospitality and tourism, and is divided into the sections below: - Hospitality and tourism

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management - Hospitality and tourism marketing - Current trends in hospitality & tourism - Technology, advancement and innovation in hospitality and tourism - Green hospitality and tourism - Food service and food safety - Relevant areas in hospitality and tourism Hospitality and Tourism - Synergizing creativity and innovation in research will be useful to postgraduate students, academia and professionals involved in the area of hospitality and tourism.

Modeling, Design and Simulation of Systems Aug 02

2022 This two-  
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volume set CCIS 751 and CCIS 752 constitutes the proceedings of the 17th Asia Simulation Conference, AsiaSim 2017, held in Malacca, Malaysia, in August/September 2017. The 124 revised full papers presented in this two-volume set were carefully reviewed and selected from 267 submissions. The papers contained in these proceedings address challenging issues in modeling and simulation in various fields such as embedded systems; symbiotic simulation; agent-based simulation; parallel and distributed simulation; high performance computing;

biomedical engineering; big data; energy, society and economics; medical processes; simulation language and software; visualization; virtual reality; modeling and Simulation for IoT; machine learning; as well as the fundamentals and applications of computing.

**Advancing Technology Industrialization Through Intelligent Software Methodologies, Tools and**

**Techniques** Sep 30 2019 Software has become ever more crucial as an enabler, from daily routines to important national decisions. But from time to time, as

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society adapts to frequent and rapid changes in technology, software development fails to come up to expectations due to issues with efficiency, reliability and security, and with the robustness of methodologies, tools and techniques not keeping pace with the rapidly evolving market. This book presents the proceedings of SoMeT\_19, the 18th International Conference on New Trends in Intelligent Software Methodologies, Tools and Techniques, held in Kuching, Malaysia, from 23–25 September 2019. The book explores new trends and

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theories that highlight the direction and development of software methodologies, tools and techniques, and aims to capture the essence of a new state of the art in software science and its supporting technology, and to identify the challenges that such a technology will have to master. The book also investigates other comparable theories and practices in software science, including emerging technologies, from their computational foundations in terms of models, methodologies, and tools. The 56 papers included here are divided into 5 chapters:

Intelligent software systems design and techniques in software engineering; Machine learning techniques for software systems; Requirements engineering, software design and development techniques; Software methodologies, tools and techniques for industry; and Knowledge science and intelligent computing. This comprehensive overview of information systems and research projects will be invaluable to all those whose work involves the assessment and solution of real-world software problems.

## Characterization

Aug 22 2021

Membrane

Characterization

provides a valuable source of

information on how membranes are

characterized, an extremely limited

field that is

confined to only

brief descriptions in various technical

papers available

online. For the first time, readers will

be able to

understand the

importance of

membrane

characterization,

the techniques

required, and the

fundamental theory

behind them. This

book focuses on

characterization

techniques that are

normally used for

membranes

prepared from

polymeric, ceramic,

and composite

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materials. Features specific details on

many membrane

characterization

techniques for

various membrane

materials of

industrial and

academic interest

Contains examples

of international

best practice

techniques for the

evaluation of

several membrane

parameters,

including pore size,

charge, and fouling

Discusses various

membrane models

more suitable to a

specific application

Provides examples

of ab initio

calculations for the

design,

optimization, and

scale-up of

processes based on

characterization

data

**Heritage, Culture**

**and Society** Jul 09

2020 Heritage,

Culture and Society

contains the papers

presented at the

3rd International

Hospitality and

Tourism

Conference

(IHTC2016) & 2nd

International

Seminar on

Tourism (ISOT

2016), Bandung,

Indonesia, 10–12

October 2016). The

book covers 7

themes: i)

Hospitality and

tourism

management ii)

Hospitality and

tourism marketing

iii) Current trends

in hospitality and

tourism management

iv) Technology and

innovation in

hospitality and

tourism v)

Sustainable tourism

vi) Gastronomy,

foodservice and

food safety, and vii)

Relevant areas in

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hospitality and tourism Heritage, Culture and Society is a significant contribution to the literature on Hospitality and Tourism, and will be of interest to professionals and academia in both areas.

Sustainable Membrane

Technology for Energy, Water, and Environment

May 07 2020 A detailed look at the most recent developments in sustainable membra

ne technology for use in energy, water, and the environment A

collection of twenty-seven groundbreaking papers on

important ideas about the development of

membrane science

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and technology, Sustainable Membrane Technology for Energy, Water, and Environment brings together contributions from leading international experts in one comprehensive volume. Covering the latest developments and most innovative ideas in the field, this book is a unique resource for understanding the growing interest in using membranes across several industries. Divided into six chapters that cover new membrane materials and membrane development; membrane applications for gas and vapor separation; membrane

applications in water treatment; environmental applications of membranes; energy applications of membranes; and other industrial membrane applications, the book looks at the current and emerging applications for membrane science and technology in detail. As the Association of Southeast Asian Nations (ASEAN) and the Middle East emerge as the next generation of membrane research and development centers, in part due to their need for water and natural gas production technology, this book provides invaluable insights into the cutting-

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edge work taking place in these regions. Additional topics covered also include new membrane materials, membrane applications for food processing, and much more.

Designed for engineers, scientists, professors, and graduate students who are engaged in membrane R&D activities, as well as for anyone interested in sustainable development, *Sustainable Membrane Technology for Energy, Water, and Environment* is a cutting-edge look at membrane applications.

[Engineering and Technical Development for a Sustainable](#)  
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[Environment](#) Nov 12 2020 This volume covers a diverse array of alternative technologies and their development with particular attention to the utilization of bioresources for the achievement of a sustainable environment. The book presents a selection of alternative technologies being used in developing and developed countries that can be indigenous to the region, cost-effective, and often driven by dominant societal interest and geographical status. Several engineering and technological processes are included to mark their importance in product

performance and preservation of the environment.

Topics cover:

- strategies for the management of rain and ground water for consumption
- wastewater treatment using indigenous techniques of phytoremediation
- scientific and engineering approaches to the prevention of flood and landslides in the tropics
- wind power generation
- soil evaluation of contamination due to heavy metals
- green and sustainable building approaches
- bioethanol production
- energy conservation techniques

Refreshing and informative,  
*Engineering and Technical*

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Development for a Sustainable Environment revisits conventional approaches of managing natural agents (such as wind, rain and groundwater resources as well as wastewater treatment) in light of current sustainable-oriented techniques using modern scientific concepts and strategies. It presents in-depth evaluations and analyses using systematic up-to-date scientific and engineering tools.

*Membrane Technology for Water and Wastewater Treatment, Energy and Environment*  
Jan 15 2021  
Realizing that water, energy and  
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food are the three pillars to sustain the growth of human population in the future, this book deals with all the above aspects with particular emphasis on water and energy. In particular, the book addresses applications of membrane science and technology for water and wastewater treatment, energy and environment. Th

*New Trends in Software Methodologies, Tools and Techniques* Apr 05 2020  
Software has become an essential enabler for science and the economy. Not only does it create new markets and the possibility of a more reliable, flexible and robust

society, it also empowers our exploration of the world in ever increasing depth. However software often falls short of our expectations, with current methodologies, tools and techniques remaining insufficiently robust and reliable for constantly changing and evolving needs. This book presents papers from the 15th International Conference on New Trends in Intelligent Software Methodology Tools and Techniques (SoMeT 16), held in Larnaca, Cyprus, in September 2016. The SoMeT conference focuses on exploring the innovations, controversies and challenges facing  
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the software engineering community, bringing together theory and experience to propose and evaluate solutions to software engineering problems with an emphasis on human-centric software methodologies, end-user development techniques, and emotional reasoning, for an optimally harmonized performance between the design tool and the user. The book is divided into six chapters covering the following areas: decision support systems; software methodologies and tools; requirement engineering; software for

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biomedicine and bioinformatics; software engineering models, and formal techniques for software representation; and intelligent software development and social networking. The book explores new trends and theories which illuminate the direction of developments in the field, and will be of interest to all in the software science community.

**Improving Flood Management, Prediction and Monitoring** Oct 04 2022 This volume presents chapters highlighting the methodologies and tools developed to improve flood management and flood risk reduction.

Computational

Science and Its Applications - ICCSA 2007 Mar 17 2021 This three-volume set constitutes the refereed proceedings of the International Conference on Computational Science and its Applications. These volumes feature outstanding papers that present a wealth of original research results in the field of computational science, from foundational issues in computer science and mathematics to advanced applications in almost all sciences that use computational techniques.

**Environmental Biotechnology** May 19 2021 The IWA Conference on

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Environmental Biotechnology: Advancement in Water and Wastewater Application in the Tropics, held in Kuala Lumpur, Malaysia on 9-10 December 2003, was a peer-reviewed conference. It was specially organized for Malaysia and the Asia-Pacific region in collaboration between Universiti Teknologi Malaysia (UTM), the International Water Association (IWA), the Malaysia Water Association and the Malaysian Biotechnology Directorate. Papers presented in the conference covered current perspectives on the advancement of water and

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wastewater applications using environmental biotechnology, as well as methodologies, techniques, modelling, case studies, directions and other specific issues. The emphasis was also on its feasibility in developing countries. The conference also focussed on the biodegradation and bioconversion, health related microorganisms, microbial community structure and analysis, sludge reduction and material recovery, drinking water treatment and safety, nutrient removal and recovery, sensors, modelling and control, molecular

techniques, integrated treatment concepts and biological nutrient removal for developing countries, particularly in the tropical region. Stock for this WEMS edition was damaged in transit to the IWA Publishing warehouse. A discount has therefore been applied to this title.

**Diverse Learning Opportunities Through Technology-Based Curriculum Design** Jun 27 2019 The infusion of technology into curriculum influences the methods and techniques used to educate the student population. By integrating effective technology

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in education, teachers are provided with a better opportunity to adapt and enhance the learning experience for students from various backgrounds.

Diverse Learning Opportunities Through Technology-Based Curriculum Design provides innovative insights into the development and advancement of online instruction and educational technology to engage students from diverse backgrounds. The content within this publication addresses academic performance, technology integration, and online learning. It is geared towards educators,

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educational software developers, instructional designers, and researchers, and it covers topics centered on the methods to adjust, adapt, and implant the newest technology into contemporary curriculum. *Proceedings of the 7th International Conference on Kansei Engineering and Emotion Research 2018* Oct 12 2020 The proceedings gather a selection of refereed papers presented at the 7th International Conference on Kansei Engineering and Emotion Research 2018 (KEER 2018), which was held in Kuching, Malaysia from 19 to 22

March 2018. The contributions address the latest advances in and innovative applications of Kansei Engineering and Emotion Research. The subjects include: Kansei, Emotion and Games Kansei, Emotion and Computing Kansei, Emotion and Wellbeing / Quality of Life Kansei, Emotion and Design Kansei, Emotion and Health / Ergonomics Kansei, Emotion and Multidisciplinary Fields Kansei, Emotion and Culture Kansei, Emotion and Social computing Kansei, Emotion and Evaluation Kansei, Emotion and User Experience The book offers a valuable resource

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for all graduate students, experienced researchers and industrial practitioners interested in the fields of user experience/usability, engineering design, human factors, quality management, product development and design.

**The Factors to Improve Commercialization Rate** Nov 05 2022

**Outcome-Based Science, Technology, Engineering, and Mathematics Education: Innovative Practices** Nov 24 2021

"This book provides insights into initiatives that enhance student learning and

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contribute to improving the quality of undergraduate STEM education"-- Provided by publisher.

*Soft Computing in Data Science* Feb 25 2022 This book constitutes the refereed proceedings of the 6th International Conference on Soft Computing in Data Science, SCDS 2021, which was held virtually in November 2021. The 31 revised full papers presented were carefully reviewed and selected from 79 submissions. The papers are organized in topical sections on AI techniques and applications; data analytics and technologies; data mining and image

processing; machine & statistical learning.

**Soft Computing in Data Science** Mar 05 2020 This book constitutes the refereed proceedings of the 4th International Conference on Soft Computing in Data Science, SCDS 2018, held in Bangkok, Thailand, in August 2018. The 30 revised full papers presented were carefully reviewed and selected from 75 submissions. The papers are organized in topical sections on machine and deep learning, image processing, financial and fuzzy mathematics, optimization algorithms, data and text analytics, data visualization.

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Bioresources  
Technology in  
Sustainable

Agriculture Feb 02  
2020 This book focuses on cutting-edge advances and applications in tropical agriculture and bioresources. It outlines some of the newest advances, basic tools, and the applications of novel approaches to improve agricultural practices and utilization of bioresources for the enhancement of human life.

Highlights include a thorough discussion on various aspects of agricultural modernization through technological advances in information technology, efficient utilization of under-exploited

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natural bioresources, new chemical approaches for the generation of novel biochemicals, and the applications of forensic and genetics approaches for bioresource conservation.

*Proceedings of the  
International  
Conference on  
Systems, Science,  
Control,  
Communication,  
Engineering and  
Technology 2015*

Jul 29 2019  
ICSSCET 2015 will be the most comprehensive conference focused on the various aspects of advances in Systems, Science, Management, Medical Sciences, Communication, Engineering, Technology,

Interdisciplinary Research Theory and Technology. This Conference provides a chance for academic and industry professionals to discuss recent progress in the area of Interdisciplinary Research Theory and Technology. Furthermore, we expect that the conference and its publications will be a trigger for further related research and technology improvements in this important subject. The goal of this conference is to bring together the researchers from academia and industry as well as practitioners to share ideas, problems and solutions relating to the multifaceted aspects of

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Interdisciplinary Research Theory and Technology. **Intelligent Software Methodologies, Tools and Techniques** Jul 01 2022 This book constitutes the best papers selection from the proceedings of the 13th International Conference on Intelligent Software Methodologies, Tools and Techniques, SoMeT 2014, held in Langkawi, Malaysia, in September 2014. The 27 full papers presented were carefully reviewed, thoroughly revised or enlarged, and selected as best papers from the 79 published proceedings papers, which had originally been

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selected from 192 submissions. The papers are organized in topical sections on artificial intelligence techniques in software engineering; requirement engineering, high-assurance system; intelligent software systems design; creative and arts in interactive software design; software methodologies for reliable software design; software quality and assessment for business enterprise; software analysis and performance model; software applications systems.

**Theory and Practice in Hospitality and Tourism Research** Sep 03 2022 Theory and Practice in

Hospitality and Tourism Research includes 111 contributions from the 2nd International Hospitality and Tourism Conference 2014 (Penang, Malaysia, 2-4 September 2014), and covers a comprehensive range of topics, including:- Hospitality management- Hospitality & tourism marketing- Tourism management- Technology & innova

[The Liar in Your Life](#) Sep 22 2021 In [The Liar in Your Life](#), psychology professor Robert Feldman, one of the world's leading authorities on deception, draws on his immense body of knowledge to

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give fresh insights into how and why we lie, how our culture has become increasingly tolerant of deception, the cost it exacts on us, and what to do about it. His work is at once surprising and sobering, full of corrections for common myths and explanations of pervasive oversimplifications. Feldman examines marital infidelity, little white lies, career-driven resumé lies, and how we teach children to lie. Along the way, he reveals—despite our beliefs to the contrary—how it is nearly impossible to spot a liar (studies have shown no relationship between nervousness, lack of

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eye contact, or a trembling voice, and acts of deception). He also provides startling evidence of just how integral lying is to our culture; indeed, his research shows that two people, meeting for the first time, will lie to each other an average of three times in the first ten minutes of a conversation. Feldman uses this discussion of deception to explore ways we can cope with infidelity, betrayal, and mistrust, in our friends and family. He also describes the lies we tell ourselves: Sometimes, the liar in your life is the person you see in the mirror. With incisive clarity and wry wit, Feldman

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has written a truthful book for anyone whose life has been touched by deception.

## **Intelligent Systems**

## **Technologies and Applications**

Jun 07 2020 This book constitutes the thoroughly refereed post-conference proceedings of the third International Symposium on Intelligent Systems Technologies and Applications (ISTA'17), September 13-16, 2017, Manipal, Karnataka, India. All submissions were evaluated on the basis of their significance, novelty, and technical quality. This proceedings contains 34 papers selected for presentation at the

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Symposium.  
Sustainable Water Treatment Dec 14 2020 This book focuses on green and innovative wastewater treatment technologies that promote sustainability. It discusses a variety of biological, physical, and chemical treatment technologies. It covers biological processes for recovery of value-added products from wastewater and gives an overview of enzymatic hydrolysis and bioremediation of wastewater using immobilized enzyme and fungus. It offers a case study and future trends of wastewater treatment through  
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membrane bioreactor technologies, describes advanced chemical-physical processes for recalcitrant pollutant, and emphasizes the use of low-cost materials and cost-effective treatment methods.  
Information Resources in Toxicology Oct 31 2019 This new fifth edition of Information Resources in Toxicology offers a consolidated entry portal for the study, research, and practice of toxicology. Both volumes represents a unique, wide-ranging, curated, international, annotated bibliography, and directory of major resources in

toxicology and allied fields such as environmental and occupational health, chemical safety, and risk assessment. The editors and authors are among the leaders of the profession sharing their cumulative wisdom in toxicology's subdisciplines. This edition keeps pace with the digital world in directing and linking readers to relevant websites and other online tools. Due to the increasing size of the hardcopy publication, the current edition has been divided into two volumes to make it easier to handle and consult. Volume 1: Background, Resources, and Tools, arranged in 5  
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parts, begins with chapters on the science of toxicology, its history, and informatics framework in Part 1. Part 2 continues with chapters organized by more specific subject such as cancer, clinical toxicology, genetic toxicology, etc. The categorization of chapters by resource format, for example, journals and newsletters, technical reports, organizations constitutes Part 3. Part 4 further considers toxicology's presence via the Internet, databases, and software tools. Among the miscellaneous topics in the concluding Part 5 are laws and

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regulations, professional education, grants and funding, and patents. Volume 2: The Global Arena offers contributed chapters focusing on the toxicology contributions of over 40 countries, followed by a glossary of toxicological terms and an appendix of popular quotations related to the field. The book, offered in both print and electronic formats, is carefully structured, indexed, and cross-referenced to enable users to easily find answers to their questions or serendipitously locate useful knowledge they were not originally aware they needed. Among the many timely topics

receiving increased emphasis are disaster preparedness, nanotechnology, -omics, risk assessment, societal implications such as ethics and the precautionary principle, climate change, and children's environmental health. Opens with an overview of the international toxicology scene, organizations and activities involved with both the science and regulatory framework, and a specific look at the European Union's efforts. Offers an extensive collection of chapters covering over 40 countries and their toxicological infrastructure

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which includes listings of major books and journals, organizations, professional societies, universities, poison control centers, legislation, and online databases. Provides the Second Edition of the International Union of Pure and Applied Chemistry's Glossary of Terms Used in Toxicology, a carefully constructed and peer reviewed collation of critical terms in the science. Concludes with a potpourri of quotes concerning toxicology and their use in the arts and popular culture. Paired with Volume One, which offers chapters on a host of toxicology sub-disciplines, this set offers the most

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comprehensive compendium of print, digital, and organizational resources in the toxicological sciences with over 120 chapters contributions by experts and leaders in the field.

*Advanced Nanoelectronics*  
Aug 29 2019 While theories based on classical physics have been very successful in helping experimentalists design microelectronic devices, new approaches based on quantum mechanics are required to accurately model nanoscale transistors and to predict their characteristics even before they are fabricated.

*Advanced Nanoelectronics* provides research information on advanced nanoelectronics concepts, with a focus on modeling and simulation. Featuring contributions by researchers actively engaged in nanoelectronics research, it develops and applies analytical formulations to investigate nanoscale devices. The book begins by introducing the basic ideas related to quantum theory that are needed to better understand nanoscale structures found in nanoelectronics, including graphenes, carbon nanotubes, and quantum wells, dots, and wires. It

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goes on to highlight some of the key concepts required to understand nanotransistors. These concepts are then applied to the carbon nanotube field effect transistor (CNTFET). Several chapters cover graphene, an unzipped form of CNT that is the recently discovered allotrope of carbon that has gained a tremendous amount of scientific and technological interest. The book discusses the development of the graphene nanoribbon field effect transistor (GNRFET) and its use as a possible replacement to overcome the CNT chirality challenge. It also examines silicon nanowire

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(SiNW) as a new candidate for achieving the downscaling of devices. The text describes the modeling and fabrication of SiNW, including a new top-down fabrication technique. Strained technology, which changes the properties of device materials rather than changing the device geometry, is also discussed. The book ends with a look at the technical and economic challenges that face the commercialization of nanoelectronics and what universities, industries, and government can do to lower the barriers. A useful resource for

professionals, researchers, and scientists, this work brings together state-of-the-art technical and scientific information on important topics in advanced nanoelectronics. [Recent Trends in Information and Communication Technology](#) Oct 24 2021 This book presents 94 papers from the 2nd International Conference of Reliable Information and Communication Technology 2017 (IRICT 2017), held in Johor, Malaysia, on April 23-24, 2017. Focusing on the latest ICT innovations for data engineering, the book presents several hot research topics,

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including advances in big data analysis techniques and applications; mobile networks; applications and usability; reliable communication systems; advances in computer vision, artificial intelligence and soft computing; reliable health informatics and cloud computing

environments, e-learning acceptance models, recent trends in knowledge management and software engineering; security issues in the cyber world; as well as society and information technology. Developments in Multidimensional Spatial Data Models

Feb 13 2021 This book presents the latest research developments in geoinformation science, which includes all the sub-disciplines of the subject, such as: geomatic engineering, GIS, remote sensing, digital photogrammetry, digital cartography, etc.