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# 28th International Conference Researchgate

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Proceedings of the International Conference on  
Computing and Communication Systems  
IV International Scientific and Practical  
Conference «GLOBALIZATION of SCIENTIFIC  
KNOWLEDGE: INTERNATIONAL COOPERATION and  
INTEGRATION of SCIENCES»

Fixed Point Theory and Its Applications to Real  
World Problems

Computing and Combinatorics

Intelligent Human Computer Interaction

Recent Developments in Using Seismic Waves as  
a Probe for Subsurface Investigations

16th International Conference on Information  
Technology-New Generations (ITNG 2019)

Artificial Intelligence Approaches to Sustainable  
Accounting

Handbook of Research on Modern Optimization  
Algorithms and Applications in Engineering and  
Economics

Proceedings of the Second International  
Conference on Computer and Communication  
Technologies

Innovative Data Communication Technologies  
and Application

Proceedings of the 28th International Symposium  
on Mine Planning and Equipment Selection - MPES  
2019

2020 International Conference on Computer  
Engineering and Application (ICCEA)

Proceedings of the 9th International Conference  
on Computational Science and Technology  
Software Reliability Techniques for Real-World  
Applications

Educational Design Research

Balancing Agility and Discipline

The Theory and Practice of Vocal Psychotherapy

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Proceedings of the 2nd International Conference  
on Recent Trends in Machine Learning, IoT, Smart  
Cities and Applications

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Design Pedagogy

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FUTURE TRENDS»

Unifying Themes in Complex Systems IX

Cities' Identity Through Architecture and Arts

Proceedings of the Third International Conference  
on Computational Intelligence and Informatics

The Routledge Handbook of Waste Studies  
PROCEEDINGS OF ACADEMICS WORLD  
INTERNATIONAL CONFERENCE  
Proceedings of the 2nd International Conference  
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CONCEPTS, THEORIES and METHODS of BASIC  
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The Internet of Things  
Building Engineering Facing the Challenges of the  
21st Century

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## **CABRERA SHERMAN**

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### **Proceedings of the International Conference on Computing and Communication Systems**

Routledge  
Every city has its  
unique and valuable  
identity, this identity is  
revealed through its  
physical and visual

form, it is seen through  
the eyes of its  
residents and users.

The city develops over  
time, and its identity  
evolves with it.

Reflecting the rapid  
and constant changes  
the city is subjected to,  
Architecture and Arts,  
is the embodiment of  
the cultural, historical,  
and economical  
characteristics of the  
city. This conference  
was dedicated to the  
investigation of the

different new approaches developed in Architecture and Contemporary arts. It has focused on the basis of urban life and identities. This volume provides discussions on the examples and tendencies in dealing with urban identities as well as the transformation of cities and urban cultures mentioned in terms of their form, identity, and their current art. Contemporary art, when subjected to experiments, continues to be produced in various directions, to be consumed and to put forward new ideas. Art continuously renews itself, from new materials to different means of communication, from interactive works to computer games, from new approaches to

perceptual paradigms and problems of city and nature of the millennium. This is an Open Access ebook, and can be found on [www.taylorfrancis.com](http://www.taylorfrancis.com).

**IV International Scientific and Practical Conference «GLOBALIZATION of SCIENTIFIC KNOWLEDGE: INTERNATIONAL COOPERATION and INTEGRATION of SCIENCES»** IGI Global

This book contains original, peer-reviewed research articles from the Second International Conference on Recent Trends in Machine Learning, IoT, Smart Cities and Applications, held in March 28-29th 2021 at CMR Institute of Technology, Hyderabad, Telangana India. It covers the

latest research trends and developments in areas of machine learning, artificial intelligence, neural networks, cyber-physical systems, cybernetics, with emphasis on applications in smart cities, Internet of Things, practical data science and cognition. The book focuses on the comprehensive tenets of artificial intelligence, machine learning and deep learning to emphasize its use in modelling, identification, optimization, prediction, forecasting and control of future intelligent systems. Submissions were solicited of unpublished material, and present in-depth fundamental research contributions from a methodological/applica-

tion perspective in understanding artificial intelligence and machine learning approaches and their capabilities in solving a diverse range of problems in industries and its real-world applications.

*Fixed Point Theory and Its Applications to Real World Problems*

Routledge

"Fixed-point theory initially emerged in the article demonstrating existence of solutions of differential equations, which appeared in the second quarter of the 18th century (Joseph Liouville, 1837). Later on, this technique was improved as a method of successive approximations (Charles Emile Picard, 1890) which was extracted and abstracted as a fixed-

point theorem in the framework of complete normed space (Stefan Banach, 1922). It ensures presence as well as uniqueness of a fixed point, gives an approximate technique to really locate the fixed point and the a priori and a posteriori estimates for the rate of convergence. It is an essential device in the theory of metric spaces. Subsequently, it is stated that fixed-point theory is initiated by Stefan Banach. Fixed-point theorems give adequate conditions under which there exists a fixed point for a given function and enable us to ensure the existence of a solution of the original problem. In an extensive variety of scientific issues, beginning from different branches of

mathematics, the existence of a solution is comparable to the existence of a fixed point for a suitable mapping. The book "Fixed Point Theory & its Applications to Real World Problems" is an endeavour to present results in fixed point theory which are extensions, improvements and generalizations of classical and recent results in this area and touches on distinct research directions within the metric fixed-point theory. It provides new openings for further exploration and makes for an easily accessible source of knowledge. This book is apposite for young researchers who want to pursue their research in fixed-point theory and is the latest in the field,

giving new techniques for the existence of a superior fixed point, a fixed point, a near fixed point, a fixed circle, a near fixed interval circle, a fixed disc, a near fixed interval disc, a coincidence point, a common fixed point, a coupled common fixed point, amiable fixed sets, strong coupled fixed points and so on, utilizing minimal conditions. It offers novel applications besides traditional applications which are applicable to real world problems. The book is self-contained and unified which will serve as a reference book to researchers who are in search of novel ideas. It will be a valued addition to the library"-

**Computing and Combinatorics** John

Wiley & Sons  
This book contains contributions from diverse perspectives and traditions that focus on reflections and happiness practices. It addresses diversity in happiness and eastern and western thoughts and practices by contributing authors from around the world from varied backgrounds. The book provides ample avenue for readers and researchers to broaden their horizons and deepen their understanding of various aspects of happiness culturally and conceptually. It opens opportunities for exploring and understanding how happiness can be practiced, experienced, taught, and learned in various contexts, thus

assisting both educators and interested readers to create opportunities for themselves or their students to engage in diverse and creative happiness explorations. This book is a crucial resource for teachers, educators, students, and researchers involved in the science and practice of happiness. It enables them to find new avenues to understand happiness from different perspectives, understanding inner and outer spaces and other dimensions of happiness. It serves as an essential reference for academicians in related fields of psychology, such as cross-cultural, social, and developmental, as well as in the upcoming field of

happiness studies.

**Intelligent Human Computer**

**Interaction** Herbert Utz Verlag

The Routledge Handbook of Waste Studies offers a comprehensive survey of the new field of waste studies, critically interrogating the cultural, social, economic, and political systems within which waste is created, managed, and circulated. While scholars have not settled on a definitive categorization of what waste studies is, more and more researchers claim that there is a distinct cluster of inquiries, concepts, theories and key themes that constitute this field. In this handbook the editors and contributors explore the research



questions, methods, and case studies preoccupying academics working in this field, in an attempt to develop a set of criteria by which to define and understand waste studies as an interdisciplinary field of study. This handbook will be invaluable to those wishing to broaden their understanding of waste studies and to students and practitioners of geography, sociology, anthropology, history, environment, and sustainability studies.

Recent Developments in Using Seismic Waves as a Probe for Subsurface Investigations Springer Nature

This volume contains the proceedings of the International Conference of Things (IOT) Conference 2008, the first international

conference of its kind. The conference took place in Zurich, Switzerland, March 26–28, 2008. The term ‘Internet of Things’ has come to describe a number of technologies and research disciplines that enable the Internet to reach out into the real world of physical objects. Technologies such as RFID, short-range wireless communications, real-time localization, and sensor networks are becoming increasingly common, bringing the ‘Internet of Things’ into industrial, commercial, and domestic use. IOT 2008 brought together leading researchers and practitioners, from both academia and industry, to facilitate the sharing of ideas, applications, and research results. IOT

2008 attracted 92 high-quality submissions, from which the technical program committee accepted 23 papers, resulting in a competitive 25% acceptance rate. In total, there were over 250 individual authors from 23 countries, representing both academic and industrial organizations. Papers were selected solely on the quality of their blind peer reviews. We were fortunate to draw on the combined experience of our 59 program committee members, coming from the most prestigious universities and research labs in Europe, North America, Asia, and Australia. Program committee members were aided by no less than 63

external reviewers in this rigorous process, in which each committee member wrote about 6 reviews. The total of 336 entered reviews resulted in an average of 3.7 reviews per paper, or slightly more than 1000 words of feedback for each paper submitted.

**16th International Conference on Information Technology-New Generations (ITNG 2019)** Springer Nature Communications technology Communication equipment Radio communication equipment Telephone equipment Computer network management Computer networks Power electronics Modular multilevel converters Pulse width modulation converters

Computers and  
information processing  
Image processing  
Image classification  
Spatial resolution  
Artificial Intelligence  
Approaches to  
Sustainable Accounting  
Knowledge Kingdom  
Publishing  
The International  
Congress on Health  
Sciences and Medical  
Technologies  
(ICHSMT'19) is an  
interdisciplinary  
platform for medical  
findings and  
innovations. It is an  
exceptional great  
endeavor to increase  
and strengthen the  
outstanding academic  
and professional  
progress fostered by all  
the joined efforts as  
well as relevant  
feedback on keeping  
the prior quality. It  
attracts a diversity of  
researchers, students,  
and organizations to

contribute to the  
scientific progress. It is  
held at Tlemcen (Les  
Zianides Hotel) Algeria  
between 5 and 7  
December 2019.

**Handbook of  
Research on Modern  
Optimization  
Algorithms and  
Applications in  
Engineering and  
Economics** Springer  
Nature

This conference  
proceedings presents  
the research papers in  
the field of mine  
planning and mining  
equipment including  
themes such as mine  
automation, rock  
mechanics, drilling,  
blasting, tunnelling and  
excavation  
engineering. The  
papers presents the  
recent advancement  
and the application of a  
range of technologies  
in the field of mining  
industry. It is of

interest to the professionals who practice in mineral industry including but not limited to engineers, consultants, managers, academics, scientist, and government staff.

Proceedings of the Second International Conference on Computer and Communication Technologies United Nations

This book presents the latest research in the fields of computational intelligence, ubiquitous computing models, communication intelligence, communication security, machine learning, informatics, mobile computing, cloud computing, and big data analytics. The best selected papers, presented at the International

Conference on Innovative Data Communication Technologies and Application (ICIDCA 2021), are included in the book. The book focuses on the theory, design, analysis, implementation, and application of distributed systems and networks.

*Innovative Data Communication Technologies and Application* Springer

The transformation of the economy being brought about by Industrie 4.0 is leading to the emergence of highly flexible value networks. Businesses now need to network their production activities both in-house and with the systems of external partners. This in turn requires new forms of cooperation, both

nationally and globally. Common norms and standards enabling interoperability between different systems are equally essential. This acatech STUDY analyses the opportunities and challenges for businesses of international cooperation and the current competition to establish norms and standards. It is based on interviews and discussions with more than 150 experts from Germany, China, Japan, South Korea, the US and the UK. Detailed country profiles describe the background situation and Industrie 4.0 status quo in the focus countries. Finally, the study makes a number of recommendations for German actors regarding cooperation

with international partners.

**Proceedings of the  
28th International  
Symposium on Mine  
Planning and  
Equipment Selection  
- MPES 2019**

Routledge

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catalogs of scientific publications and science-based databases: Index Copernicus, CrossRef, Google Scholar and OUCI. Conference proceedings are indexed in ICI (World of Papers), CrossRef, OUCI, Google Scholar, ResearchGate, ORCID and OpenAIRE.

[2020 International Conference on Computer Engineering and Application \(ICCEA\)](#) Springer

The voice is the most powerful and widely used instrument in music therapy. This book demonstrates the enormous possibilities for personal change and growth using a new, voice-based model of psychotherapy where the sounds of the voice are expressed, listened to and interpreted in

order to access unconscious aspects of the self and retrieve memories, images and feelings from the past. Combining theory with practice, the book explains the foundations of vocal psychotherapy and goes on to explore its usage in clinical practice and the various techniques involved. The book integrates important concepts from depth psychology such as regression, reenactment and working with transference and counter-transference with the practice of vocal music therapy. Drawing on over twenty years of research, the author uses case studies to illustrate specific vocal interventions, including improvisation

techniques such as vocal holding, free associative singing and psychodramatic singing. Vocal Psychotherapy highlights the value of voice work as an integral part of the psychotherapeutic process and provides a model of advanced clinical work that will be essential reading for music and creative arts therapists.

Proceedings of the 9th International Conference on Computational Science and Technology Taylor & Francis

The field of design research has been gaining momentum over the last five years, particularly in educational studies. As papers and articles have grown in number, definition of the domain is now

beginning to standardise. This book fulfils a growing need by providing a synthesised assessment of the use of development research in education. It looks at four main elements: background information including origins, definitions of development research, description of applications and benefits and risks associated with studies of this kind how the approach can serve the design of learning environments and educational technology quality assurance - how to safeguard academic rigor while conducting design and development studies a synthesis and overview of the topic along with relevant reflections. Software Reliability Techniques for Real-

### World Applications

Springer Nature

Forensic science is playing an increasingly important role in criminal investigations, as it provides scientific methods and techniques to gather and analyse evidence from crime scenes.

Forensic evidence can be crucial in identifying suspects, linking them to the crime scene, and helping to secure convictions in court. In this sense, forensic science is seen as an aid to criminal investigation, providing reliable and objective evidence that can be used to uncover the truth behind criminal activities. The integration of forensic science with law and criminology is creating a new era of progressive thinking, where advanced

techniques are being developed to better understand the nature of crime and the behaviour of criminals. With the help of forensic science, investigators can obtain speedy justice and bring criminals to book. However, this requires appropriate measures to be taken for the efficient execution of forensic investigations, including the use of modern technology and the training of professionals in the latest forensic techniques. Given the importance of forensic science in the criminal justice system, it is essential to have a comprehensive understanding of its different aspects. This includes the collection, preservation, and analysis of forensic



evidence, as well as the interpretation of this evidence in the context of criminal investigations. This book covers these topics in detail, providing valuable insights for professionals, practitioners, academics, and students of the related fields.

Educational Design Research Springer Nature

Building engineering is a complex and constantly evolving branch. The needs of the XXI century society cause a constant change in construction industry due to the need to achieve sustainable and ecological buildings. This affects all levels and phases of this engineering. Given this circumstance,

numerous researchers turn their efforts to find optimal solutions for building engineering. For this reason, in this book a holistic analysis of building engineering is carried out from the perspectives that have a greater weight for sustainability objectives. The book is divided into 6 sections: (i) Building materials, which deals with research related to the most innovative and sustainable building materials; (ii) Design and construction, which deals with existing methodologies and advances in design and construction in construction sector; (iii) Building repair and maintenance, which deals with building repair, maintenance and upkeep techniques; (iv) Energy efficiency, which

analyses the latest research on the energy efficiency of buildings and their behaviour in the face of climate change; (v) Sustainability, which analyses the establishment of measures to achieve a more sustainable built environment; and (vi) construction management, which compiles the latest studies in the field of Project manager. The 38 chapters of the book together constitute an advance for the topic of building engineering. The aspects covered in the book are of great interest to various sectors, such as researchers, engineers, architects, legislators and interested parties. *Balancing Agility and Discipline* Springer Nature

This book constitutes the thoroughly refereed proceedings of the 9th International Conference on Intelligent Human Computer Interaction, IHCI 2017, held in Evry, France, in December 2017. The 15 papers presented together with three invited papers were carefully reviewed and selected from 25 submissions. The conference is forum for the presentation of technological advances and research results at the crossroads of human-computer interaction, artificial intelligence, signal processing and computer vision. This book is open access under a CC BY license. *The Theory and Practice of Vocal Psychotherapy* Springer Nature

This book gathers the proceedings of the 9th International Conference on Computational Science and Technology (ICCST 2022), held in Johor Bahru, Malaysia, on August 27–28, 2022. The respective contributions offer practitioners and researchers a range of new computational techniques and solutions, identify emerging issues, and outline future research directions, while also showing them how to apply the latest large-scale, high-performance computational methods.

*Teresa de Jesús and Her World* Routledge Seismology has come a long way. Being the scientific study of seismic waves and their allied

phenomena, it has entered a multidisciplinary realm. As the main tool, it provides a wealth of information when applied systematically to dig inside the Earth structure.

Notwithstanding, the utility of seismic waves has increased manifold. Starting from knowing the epicenter of seismic events, it has influenced mapping of civil engineering structures such as dams and bridges, as well as huge constructions. Although there is no dearth of technical papers in the area of seismic waves, there is an absence of synchronized and recent coherent contents in the direction of seismic waves. The book will be a unique

contribution to the field of seismology, with the aim of assimilating theory and practices. It will provide a comprehensive glimpse of recent advancements in this area with a strong unification of theory and practices. The main objective of the book is to present an in-depth analysis of the theory and real implementations of seismic waves as versatile probes that would be integrated with modern and future perspectives. The current and the future strategies to be discussed in the relevant areas of seismic waves will be another boon for readers. This book will cater to the needs of novices, researchers and practitioners.

Additionally, the contents of the book will be useful for undergraduate as well as postgraduate students of earth science disciplines.

**Proceedings of the 2nd International Conference on Recent Trends in Machine Learning, IoT, Smart Cities and Applications** CRC Press

"Balancing Agility and Discipline" begins by defining the terms, sweeping aside the rhetoric and drilling down to core concepts. The authors describe a day in the life of developers who live on one side or the other. Their analysis is both objective and grounded, leading to clear and practical guidance for all software professionals.

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