

International Journal Of Information Processing And Management Impact Factor

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Smart Cities and Homes IGI Publishing
Interactive systems in the mobile, ubiquitous, and virtual environments are at a stage of development where designers and developers are keen to find out more about design, use and usability of these systems. Ubiquitous Computing: Design, Implementation and Usability highlights the emergent usability theories, techniques, tools and best practices in these environments. This book shows that usable and useful systems are able to be achieved in ways that will improve usability to enhance user experiences. Research on the usability issues for young children, teenagers, adults, and the elderly is presented, with different techniques for the mobile, ubiquitous, and virtual environments.

Wireless Networks Information Processing and Systems RED'SHINE Publication. Inc

The five volume set LNCS 7663, LNCS 7664, LNCS 7665, LNCS 7666 and LNCS 7667 constitutes the proceedings of the 19th International Conference on Neural Information Processing, ICONIP 2012, held in Doha, Qatar, in November 2012. The 423 regular session papers presented were carefully reviewed and selected from numerous submissions. These papers cover all major topics of theoretical research, empirical study and applications of neural information processing research. The 5 volumes represent 5 topical sections containing articles on theoretical analysis, neural modeling, algorithms, applications, as well as simulation and synthesis.

13th International Conference, IPMU 2010, Dortmund, Germany, June 28 – July 2, 2010. Proceedings, Part I Springer Science & Business Media

The field of neural information processing has two main objects: investigation into the functioning of biological neural networks and use of artificial neural networks to solve real world problems.

Even before the reincarnation of the field of artificial neural networks in mid nineteen eighties, researchers have attempted to explore the engineering of human brain function. After the reincarnation, we have seen an emergence of a large number of neural network models and their successful applications to solve real world problems. This volume presents a collection of recent research and developments in the field of neural information processing. The book is organized in three Parts, i.e., (1) architectures, (2) learning algorithms, and (3) applications. Artificial neural networks consist of simple processing elements called neurons, which are connected by weights. The number of neurons and how they are connected to each other defines the architecture of a particular neural network. Part 1 of the book has nine chapters, demonstrating some of recent neural network architectures derived either to mimic aspects of human brain function or applied in some real world problems. Muresan provides a simple neural network model, based on spiking neurons that make use of shunting inhibition, which is capable of resisting small scale changes of stimulus. Hoshino and Zheng simulate a neural network of the auditory cortex to investigate neural basis for encoding and perception of vowel sounds.

From Algorithms and Architectural Design to Applications IGI Global

The international multi-topic conference IMTIC 2008 was held in Pakistan during April 11 – 12, 2008. It was a joint venture between Mehran University, Jamshoro, Sindh and Aalborg University, Esbjerg, Denmark. Apart from the two-day main event, two workshops were also held: the Workshop on Creating Social Semantic Web 2.0 Information Spaces and the Workshop on Wireless Sensor Networks. Two hundred participants registered for the main conference from 24 countries and 43 papers were presented; the two workshops had overwhelming support and over 400 delegates registered. IMTIC 2008 served as a platform for international scientists and the engineering community in general, and in particular for local scientists and the engineering community to share and cooperate in various fields of interest. The topics presented had a reasonable balance between theory and practice in multidisciplinary topics. The conference also had excellent topics covered by the keynote speeches keeping in view the local requirements, which served as a stimulus for students as well as experienced participants. The Program Committee and various other committees were experts in their areas and each paper went through a double-blind peer review process. The conference received 135 submissions

of which only 46 papers were selected for presentation: an acceptance rate of 34%.

Intelligent Information Processing VII IGI Global

Businesses worldwide are faced with major challenges related to the progressive (and many times unavoidable) incorporation of information technologies into their processes. Often, organizations don't suitably react to the new requirements of these technologies, resulting in outdated policies, practices, and strategies. Human Resource Management in the Digital Economy: Creating Synergy between Competency Models and Information is a reference for both practitioners and academics that demonstrates how to implement e-management and competency models in companies. This book offers perspectives on the impact of integrated e-human resource policies and provides recommendations for addressing the shift from traditional human resource policies to new perspectives.

Encyclopedia of Information Science and Technology, Fourth Edition Springer

International Journal of Information Technology and Web Engineering (IJITWE). Handbook of Research on Emerging Trends and Technologies in Library and Information Science IGI Global
Journals of the Century Springer

It is my pleasure to write the preface for Information Processing and Management. This book aims to bring together innovative results and new research trends in information processing, computer science and management engineering. If an information processing system is able to perform useful actions for an objective in a given domain, it is because the system knows something about that domain. The more knowledge it has, the more useful it can be to its users. Without that knowledge, the system itself is useless. In the information systems field, there is conceptual modeling for the activity that elicits and describes the general knowledge a particular information system needs to know. The main objective of conceptual modeling is to obtain that description, which is called a conceptual schema. Conceptual schemas are written in languages called conceptual modeling languages. Conceptual modeling is an important part of requirements engineering, the first and most important phase in the development of an information system.

International Journal of Applied

Sciences: Current and Future Research Trends (IJASCFRT) Springer Science & Business Media

First of all, I would like to congratulate Gabriella Pasi and Gloria Bordogna for the work they accomplished in preparing this new book in the series "Study in Fuzziness and Soft Computing". "Recent Issues on the Management of Fuzziness in Databases" is undoubtedly a token of their long-lasting and active involvement in the area of Fuzzy Information Retrieval and Fuzzy Database Systems. This book is really welcome in the area of fuzzy databases where they are not numerous although the first works at the crossroads of fuzzy sets and databases were initiated about twenty years ago by L. Zadeh. Only five books have been published since 1995, when the first volume dedicated to fuzzy databases published in the series "Study in Fuzziness and Soft Computing" edited by J. Kacprzyk and myself appeared. Going beyond books strictly speaking, let us also mention the existence of review papers that are part of a couple of handbooks related to fuzzy sets published since 1998. The area known as fuzzy databases covers a bunch of topics among which: -flexible queries addressed to regular databases, -the extension of the notion of a functional dependency, -data mining and fuzzy summarization, -querying databases containing imperfect attribute values represented thanks to possibility distributions.

Ubiquitous Computing: Design, Implementation and Usability IGI Publishing

This book contains the proceedings of the first International Workshop on Interval/Probabilistic Uncertainty and Non Classical Logics, Ishikawa, Japan, March 25-28, 2008. The workshop brought together researchers working on interval and probabilistic uncertainty and on non-classical logics. It is hoped this workshop will lead to a boost in the much-needed collaboration between the uncertainty analysis and non-classical logic communities, and thus, to better processing of uncertainty.

Information Processing and Management of Uncertainty IJASCFRT

This unique handbook maps the growing field of consumer psychology in its increasingly global context. With contributions from over 70 scholars across four continents, the book reflects the cross-cultural and multidisciplinary character of the field. Chapters relate the key

consumer concepts to the progressive globalization of markets in which consumers act and consumption takes place. The book is divided into seven sections, offering a truly comprehensive reference work that covers: The historical foundations of the discipline and the rise of globalization The role of cognition and multisensory perception in consumers' judgements The social self, identity and well-being, including their relation to advertising Social and cultural influences on consumption, including politics and religion Decision making, attitudes and behaviorally based research Sustainable consumption and the role of branding The particularities of online settings in framing and affecting behavior The Routledge International Handbook of Consumer Psychology will be essential reading for anyone interested in how the perceptions, feelings and values of consumers interact with the decisions they make in relation to products and services in a global context. It will also be key reading for students and researchers across psychology and marketing, as well as professionals interested in a deeper understanding of the field.

Document Analysis and Recognition with Wavelet and Fractal Theories IGI Global

In recent years, our world has experienced a profound shift and progression in available computing and knowledge sharing innovations. These emerging advancements have developed at a rapid pace, disseminating into and affecting numerous aspects of contemporary society. This has created a pivotal need for an innovative compendium encompassing the latest trends, concepts, and issues surrounding this relevant discipline area. During the past 15 years, the Encyclopedia of Information Science and Technology has become recognized as one of the landmark sources of the latest knowledge and discoveries in this discipline. The Encyclopedia of Information Science and Technology, Fourth Edition is a 10-volume set which includes 705 original and previously unpublished research articles covering a full range of perspectives, applications, and techniques contributed by thousands of experts and researchers from around the globe. This authoritative encyclopedia is an all-encompassing, well-established reference source that is ideally designed to disseminate the most forward-thinking and diverse research findings. With critical perspectives on the impact of information science management and new technologies in modern settings, including but not limited to computer science, education, healthcare, government, engineering, business, and natural and physical sciences, it is a pivotal and relevant source of knowledge that will benefit every professional within the field of information science and technology and is an invaluable addition to every academic and corporate library.

Managing IT in Construction/Managing Construction for Tomorrow Springer

The International Journal of Information Systems for Crisis Response and Management (IJISCRAM) is an academically rigorous outlet for research

into crisis response and management. It is focused on the design, development, implementation, use and evaluation of IS technologies and methodologies to support crisis response and management. It explores issues critical to the application of IS to crisis response and management. This journal covers all aspects of the crisis management information systems discipline, from organizational issues to technology support to decision support and knowledge representation. High quality submissions are encouraged using any qualitative or quantitative research methodology, focusing on the design, development, implementation, use, and evaluation of such systems.

Proceedings of the International IIS:

IIPWM ?03 Conference Held in

Zakopane, Poland, June 2-5, 2003 IGI Global

The two volume set LNCS 4984 and LNCS 4985 constitutes the thoroughly refereed post-conference proceedings of the 14th International Conference on Neural Information Processing, ICONIP 2007, held in Kitakyushu, Japan, in November 2007, jointly with BRAINIT 2007, the 4th International Conference on Brain-Inspired Information Technology. The 228 revised full papers presented were carefully reviewed and selected from numerous ordinary paper submissions and 15 special organized sessions. The 116 papers of the first volume are organized in topical sections on computational neuroscience, learning and memory, neural network models, supervised/unsupervised/reinforcement learning, statistical learning algorithms, optimization algorithms, novel algorithms, as well as motor control and vision. The second volume contains 112 contributions related to statistical and pattern recognition algorithms, neuromorphic hardware and implementations, robotics, data mining and knowledge discovery, real world applications, cognitive and hybrid intelligent systems, bioinformatics, neuroinformatics, brain-computer interfaces, and novel approaches.

Neural Information Processing John Wiley & Sons

This edited book contains articles accepted for presentation during The Intelligent Information Processing and Web Mining Conference IIS:IIPWM ?03 held in Zakopane, Poland, on June 2-5, 2003. A lot of attention is devoted to the newest developments in the area of Artificial Intelligence with special calls

for contributions on artificial immune systems and search engines. This book will be a valuable source for further research in the fields of data mining, intelligent information processing, immunogenetics, machine learning, or language processing for search engines.

8th IFIP TC 12 International Conference, IIP 2014, Hangzhou, China, October 17-20, 2014, Proceedings International Journal of Information Technology and Web Engineering (IJITWE). Handbook of Research on Emerging Trends and Technologies in Library and Information Science

Managing IT in Construction/Managing Construction for Tomorrow presents new developments in:- Managing IT strategies - Model based management tools including building information modeling- Information and knowledge management- Communication and collaboration - Data acquisition and storage- Visualization and simulation- Architectural design and

International Journal of Intelligent Information Processing Taylor & Francis Get the experts' perspective on the top journals of the 20th century! The Journals of the Century project gathered some of America's top subject expert librarians to determine the most influential journals in their respective fields. Thirty-two contributing authors—led by Editor Tony Stankus—reviewed journals from over 20 countries that have successfully shaped the evolution of their individual specialties worldwide. Their choices reflect the history of each discipline or profession, taking into account rivalries between universities, professional societies, for-profit and not-for-profit publishers, and even nation-states and international ideologies, in each journal's quest for reputational dominance. Each journal was judged using criteria such as longevity of publication, foresight in carving out its niche, ability to attract & sustain professional or academic affiliations, opinion leadership or agenda-setting power, and ongoing criticality to the study or practice of their field. Journals of the Century presents wholly independent reviewers; none are in the employ of any publisher, but each is fully credentialed and well published, and many are award-winners. The authors guide college and professional school librarians on limited budgets via an exposition of their analytical and critical winnowing process in determining the classic resources for their faculty, students, and working professional clientele. The chapters are logically grouped together in six clusters that reflect the commonly shared interests of library liaisons and the range of like-minded academic departments they typically serve. These clusters include: The Helping Professionals (chapters on social work, education, psychology, sociology, and library and information sciences) Music, Museums, and Methodists (chapters on visual arts,

anthropology, archaeology, philosophy, and the American religious experience) Business and Law (chapters on business and economics, plus legal literature) War and Peace (chapters on modern history, political science and international relations, and military affairs) Physical Sciences and Engineering (chapters on mathematics and the physical sciences as well as engineering and computer science) Life, Health, and Agriculture (chapters on medicine and surgery, pharmacy, physical therapy and nutrition, agriculture, and veterinary medicine) Journals of the Century answers questions such as: Which university press leads in high-ranking titles in the helping professions? In what crime-fighting journal, ironically mentioned within the Music, Museums, and Methodists cluster, do anthropologists routinely publish? What two journals cover the biggest yearly expense of most working Americans and rank highly within both chapters of the Business and Law cluster? What family of British publications has remained indispensable reading for political and military readers for over a century in the War and Peace Cluster? What society in the Physical Sciences and Engineering cluster publishes more journals than any other publisher in this book, covering topics from light bulbs and computers to MRIs and windmills? What one-word-titled journal has joined the venerable pair of Nature and Science as the most important reporters of world-class breakthroughs in basic biomedical science? and many, many more! Journals of the Century includes extensive commentaries on each cluster by the editor, with graphical representations by world regions and publishing sectors contributing to each chapter. ISSN numbers for print editions, and URL addresses for online editions are provided in a comprehensive title index. This unique book is an essential resource for serials librarians in academia, new reference librarians familiarizing themselves with classic titles, and collection evaluators and college accreditation examiners.

International Journal of Information Analysis and Processing Springer Multinational organizations have begun to realize that sentiment mining plays an important role for decision making and market strategy. The revolutionary growth of digital marketing not only changes the market game, but also brings forth new opportunities for skilled professionals and expertise. Currently, the technologies are rapidly changing, and artificial intelligence (AI) and machine learning are contributing as game-changing technologies. These are not only trending but are also increasingly popular among data scientists and data analysts. New Opportunities for Sentiment Analysis and Information Processing provides interdisciplinary research in information retrieval and sentiment analysis including studies on extracting sentiments from textual data, sentiment visualization-based dimensionality reduction for multiple

features, and deep learning-based multi-domain sentiment extraction. The book also optimizes techniques used for sentiment identification and examines applications of sentiment analysis and emotion detection. Covering such topics as communication networks, natural language processing, and semantic analysis, this book is essential for data scientists, data analysts, IT specialists, scientists, researchers, academicians, and students. *International Conference on Recent Trends in Business Administration and Information Processing, BAIP 2010, Trivandrum, Kerala, India, March 26-27, 2010. Proceedings* IGI Global Many phenomena around the research in document analysis and understanding are much better described through the powerful multiscale signal representations than by traditional ways. From this perspective, the recent emergence of powerful multiscale signal representations in general and fractal/wavelet basis representations in particular, has been particularly timely. Indeed, out of these theories arise highly natural and extremely useful representations for a variety of important phenomena in document analysis and understanding. This book presents both the development of these new approaches as well as their application to a number of fundamental problems of interest to scientists and engineers in document analysis and understanding. Contents: Basic Concepts of Document Analysis and Understanding Basic Concepts of Fractal Dimension Basic Concepts of Wavelet Theory Document Analysis by Fractal Dimension Text Extraction by Wavelet Decomposition Rotation Invariant by Fractal Theory with Central Projection Transform (CPT) Wavelet-Based and Fractal-Based Methods for Script Identification Writer Identification Using Hidden Markov Model in Wavelet Domain (WD-HMM) Readership: Professionals, researchers, academics and graduate students in pattern/recognition/image analysis, machine perception/computer vision, and electrical & electronic engineering. Keywords: Document Analysis; Recognition; Wavelet Theory; Multiresolution Analysis; Hidden Markov Model; Fractal Dimension; Box Computing Dimension *International Journal of Information Systems for Crisis Response and Management* Springer

Smart Cities and Homes: Key Enabling Technologies explores the fundamental principles and concepts of the key enabling technologies for smart cities and homes, disseminating the latest research and development efforts in the field through the use of numerous case studies and examples. Smart cities use digital technologies embedded across all their functions to enhance the wellbeing of citizens. Cities that utilize these technologies report enhancements in power efficiency, water use, traffic congestion, environmental protection, pollution reduction, senior citizens care, public safety and security, literacy rates, and more. This book brings together the most important breakthroughs and advances in a coherent fashion, highlighting the interconnections between the works in different areas of computing, exploring both new and emerging computer networking systems and other computing technologies, such as wireless sensor networks, vehicle ad hoc networks, smart grids, cloud computing, and data analytics and their roles in creating environmentally friendly, secure, and prosperous cities and homes. Intended for researchers and practitioners, the book discusses the pervasive and cooperative computing technologies that will perform a central role for handling the challenges of urbanization and demographic change. Includes case studies and contributions from prominent researchers and practitioners from around the globe. Explores the latest methodologies, theories, tools, applications, trends, challenges, and strategies needed to build smart cities and homes from the bottom up. Provides a pedagogy that includes PowerPoint slides, key terms, and a comprehensive bibliography.

Information Processing in Computer-Assisted Interventions Springer Science & Business Media

We are often told that we are "living in an information society" or that we are "information workers." But what exactly do these claims mean, and how might they be verified? In this important methodological study, Alistair S. Duff cuts through the rhetoric to get to the bottom of the "information society thesis." Wide-ranging in coverage, this study will be of interest to scholars in information science, communication and media studies and social theory. It is a key text for the newly-unified specialism of information society studies, and an indispensable guide to the future of this discipline.