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KEY=SCIENCE - YULIANA ESTES

ADVANCES IN COMPUTER SCIENCE AND INFORMATION ENGINEERING

Springer CSIE2012 is an integrated conference concentrating its focus on Computer Science and Information Engineering . In the proceeding, you can learn much more knowledge about Computer Science and Information Engineering of researchers from all around the world. The main role of the proceeding is to be used as an exchange pillar for researchers who are working in the mentioned fields. In order to meet the high quality of Springer, AISC series, the organization committee has made their efforts to do the following things. Firstly, poor quality paper has been refused after reviewing course by anonymous referee experts. Secondly, periodically review meetings have been held around the reviewers about five times for exchanging reviewing suggestions. Finally, the conference organizers had several preliminary sessions before the conference. Through efforts of different people and departments, the conference will be successful and fruitful.

ADVANCES IN COMPUTER SCIENCE AND INFORMATION TECHNOLOGY. COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

SECOND INTERNATIONAL CONFERENCE, CCSIT 2012, BANGALORE, INDIA, JANUARY 2-4, 2012. PROCEEDINGS

Springer Science & Business Media The three volume set LNICST 84 - LNICST 86 constitute the refereed proceedings of the Second International Conference on Computer Science and Information Technology, CCSIT 2012, held in Bangalore, India, in January 2012. The 55 revised full papers presented in this volume were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on advances in computer science and information technology; and ad hoc and ubiquitous computing.

2012 FIFTH INTERNATIONAL CONFERENCE ON INFORMATION AND COMPUTING SCIENCE

ICIC 2012 : PROCEEDINGS : 24-25 JULY 2012, LIVERPOOL, UNITED KINGDOM

ISSUES IN COMPUTER SCIENCE AND THEORY: 2012 EDITION

ScholarlyEditions Issues in Computer Science and Theory / 2012 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Computer Research. The editors have built Issues in Computer Science and Theory: 2012 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Computer Research in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Computer Science and Theory: 2012 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

ADVANCES IN COMPUTING AND INFORMATION TECHNOLOGY

PROCEEDINGS OF THE SECOND INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING AND INFORMATION TECHNOLOGY (ACITY) JULY 13-15, 2012, CHENNAI,

INDIA -

Springer Science & Business Media The international conference on Advances in Computing and Information technology (ACITY 2012) provides an excellent international forum for both academics and professionals for sharing knowledge and results in theory, methodology and applications of Computer Science and Information Technology. The Second International Conference on Advances in Computing and Information technology (ACITY 2012), held in Chennai, India, during July 13-15, 2012, covered a number of topics in all major fields of Computer Science and Information Technology including: networking and communications, network security and applications, web and internet computing, ubiquitous computing, algorithms, bioinformatics, digital image processing and pattern recognition, artificial intelligence, soft computing and applications. Upon a strength review process, a number of high-quality, presenting not only innovative ideas but also a founded evaluation and a strong argumentation of the same, were selected and collected in the present proceedings, that is composed of three different volumes.

ADVANCES IN COMPUTER SCIENCE AND INFORMATION TECHNOLOGY. NETWORKS AND COMMUNICATIONS**SECOND INTERNATIONAL CONFERENCE, CCSIT 2012, BANGALORE, INDIA, JANUARY 2-4, 2012. PROCEEDINGS**

Springer The three volume set LNICST 84 - LNICST 86 constitute the refereed proceedings of the Second International Conference on Computer Science and Information Technology, CCSIT 2012, held in Bangalore, India, in January 2012. The 66 revised full papers presented in this volume were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on networks and communications; wireless and mobile networks; and network security.

2012 FEDERATED CONFERENCE ON COMPUTER SCIENCE AND INFORMATION SYSTEMS (FEDCSIS 2012)**WROCLAW, POLAND, 9 - 12 SEPTEMBER 2012; [CONSISTING OF VARIOUS CONFERENCES, SYMPOSIA, WORKSHOPS AND SPECIAL SESSIONS]. ...****RECENT ADVANCES IN COMPUTER SCIENCE AND INFORMATION ENGINEERING****VOLUME 2**

Springer Science & Business Media CSIE 2011 is an international scientific Congress for distinguished scholars engaged in scientific, engineering and technological research, dedicated to build a platform for exploring and discussing the future of Computer Science and Information Engineering with existing and potential application scenarios. The congress has been held twice, in Los Angeles, USA for the first and in Changchun, China for the second time, each of which attracted a large number of researchers from all over the world. The congress turns out to develop a spirit of cooperation that leads to new friendship for addressing a wide variety of ongoing problems in this vibrant area of technology and fostering more collaboration over the world. The congress, CSIE 2011, received 2483 full paper and abstract submissions from 27 countries and regions over the world. Through a rigorous peer review process, all submissions were refereed based on their quality of content, level of innovation, significance, originality and legibility. 688 papers have been accepted for the international congress proceedings ultimately.

SIGNAL PROCESSING AND INFORMATION TECHNOLOGY**SECOND INTERNATIONAL JOINT CONFERENCE, SPIT 2012, DUBAI, UAE, SEPTEMBER 20-21, 2012, REVISED SELECTED PAPERS**

Springer This book constitutes the thoroughly refereed post-conference proceedings of the Second International Joint Conference in Signal Processing and Information Technology, SPIT 2012, held in Dubai, UAE, in September 2012. The 32 papers included in this volume were carefully reviewed and selected from 330 submissions. The papers cover research and development activities in computer science, information technology, computational engineering, image and signal processing, and communication.

PROCEEDINGS OF THE THIRD INTERNATIONAL CONFERENCE ON TRENDS IN INFORMATION, TELECOMMUNICATION AND COMPUTING

Springer Science & Business Media Third International Conference on Recent Trends in Information, Telecommunication and Computing - ITC 2012. ITC 2012 will be held during Aug 03-04, 2012, Kochi, India. ITC 2012, is to bring together innovative academics and industrial experts in the field of Computer Science, Information Technology, Computational Engineering, and Communication to a common forum. The primary goal of the conference is to promote research and developmental activities in Computer Science, Information Technology, Computational Engineering, and Communication. Another goal is to promote scientific information interchange between researchers, developers, engineers, students, and practitioners.

2012 INTERNATIONAL CONFERENCE ON COMPUTER AND INFORMATION SCIENCE, SAFETY ENGINEERING

2012 INTERNATIONAL CONFERENCE ON COMPUTER SCIENCE AND INFORMATION PROCESSING

2012 INTERNATIONAL CONFERENCE ADVANCED COMPUTER SCIENCE AND INFORMATION SYSTEMS

(PROCEEDINGS) : CRYSTAL OF KNOWLEDGE BUILDING, UNIVERSITAS INDONESIA, DEPOK, DECEMBER 1ST-2ND, 2012

COMPUTER TECHNOLOGY AND SCIENCE

SELECTED, PEER REVIEWED PAPERS FROM THE 2012 INTERNATIONAL CONFERENCE ON COMPUTER TECHNOLOGY AND SCIENCE (ICCTS 2012), 2012 INTERNATIONAL CONFERENCE ON INTELLIGENT NETWORK AND COMPUTING (ICINC 2012), AUGUST 18-19, 2012, NEW DELHI, INDIA

COMPUTER SCIENCE AND ITS APPLICATIONS

CSA 2012

Springer Science & Business Media The 4th FTRA International Conference on Computer Science and its Applications (CSA-12) will be held in Jeju, Korea on November 22~25, 2012. CSA-12 will be the most comprehensive conference focused on the various aspects of advances in computer science and its applications. CSA-12 will provide an opportunity for academic and industry professionals to discuss the latest issues and progress in the area of CSA. In addition, the conference will publish high quality papers which are closely related to the various theories and practical applications in CSA. Furthermore, we expect that the conference and its publications will be a trigger for further related research and technology improvements in this important subject. CSA-12 is the next event in a series of highly successful International Conference on Computer Science and its Applications, previously held as CSA-11 (3rd Edition: Jeju, December, 2011), CSA-09 (2nd Edition: Jeju, December, 2009), and CSA-08 (1st Edition: Australia, October, 2008).

COMPUTER AND INFORMATION SCIENCE 2012

Springer The series "Studies in Computational Intelligence" (SCI) publishes new developments and advances in the various areas of computational intelligence - quickly and with a high quality. The intent is to cover the theory, applications, and design methods of computational intelligence, as embedded in the fields of engineering, computer science, physics and life science, as well as the methodologies behind them. The series contains monographs, lecture notes and edited volumes in computational intelligence spanning the areas of neural networks, connectionist systems, genetic algorithms, evolutionary computation, artificial intelligence, cellular automata, self-organizing systems, soft computing, fuzzy systems, and hybrid intelligent systems. Critical to both contributors and readers are the short publication time and world-wide distribution - this permits a rapid and broad dissemination of research results. The purpose of the 11th IEEE/ACIS International Conference on Computer and Information Science (ICIS 2012) was held on May 30-1June1, 2012 in Shanghai, China is to bring together scientist, engineers, computer users, students to share their experiences and exchange new ideas, and research results about all aspects (theory, applications and tools) of computer and information science, and to discuss the practical challenges encountered along the way and the solutions adopted to solve them The conference organizers selected the best 20 papers from those papers accepted for presentation at the conference in order to publish them in this volume. The papers were chosen based on review scores submitted by members of the program committee, and underwent further rigorous rounds of review.

2012 INTERNATIONAL CONFERENCE ON COMPUTER AND INFORMATION SCIENCE

4TH INTERNATIONAL CONFERENCE ON INFORMATION, ELECTRONIC AND COMPUTER SCIENCE 2012

TAIAN, CHINA, 24 - 25 NOVEMBER 2012

2012 INTERNATIONAL CONFERENCE ADVANCED COMPUTER SCIENCE AND INFORMATION SYSTEMS

(PROCEEDINGS) : CRYSTAL OF KNOWLEDGE BUILDING, UNIVERSITAS INDONESIA, DEPOK, DECEMBER 1ST-2ND, 2012

2012 FEDERATED CONFERENCE ON COMPUTER SCIENCE AND INFORMATION SYSTEMS (FEDCSIS 2012)

WROCLAW, POLAND, 9 - 12 SEPTEMBER 2012; [CONSISTING OF VARIOUS CONFERENCES, SYMPOSIA, WORKSHOPS AND SPECIAL SESSIONS]. ...

LATIN 2012: THEORETICAL INFORMATICS

10TH LATIN AMERICAN SYMPOSIUM, AREQUIPA, PERU, APRIL 16-20, 2012, PROCEEDINGS

Springer Science & Business Media This book constitutes the proceedings of the 10th Latin American Symposium on Theoretical Informatics, LATIN 2012, held in Arequipa, Peru, in April 2012. The 55 papers presented in this volume were carefully reviewed and selected from 153 submissions. The papers address a variety of topics in theoretical computer science with a certain focus on algorithms, automata theory and formal languages, coding theory and data compression, algorithmic graph theory and combinatorics, complexity theory, computational algebra, computational biology, computational geometry, computational number theory, cryptography, theoretical aspects of databases and information retrieval, data structures, networks, logic in computer science, machine learning, mathematical programming, parallel and distributed computing, pattern matching, quantum computing and random structures.

2012 INTERNATIONAL CONFERENCE ON COMPUTER SCIENCE AND INFORMATION PROCESSING (CSIP 2012)

PROCEEDINGS : AUGUST 24-26, 2012, XI'AN, SHAANXI, CHINA

COMPUTER SCIENCE ILLUMINATED

Jones & Bartlett Publishers Revised and updated with the latest information in the field, the Fifth Edition of best-selling Computer Science Illuminated continues to provide students with an engaging breadth-first overview of computer science principles and provides a solid foundation for those continuing their study in this dynamic and exciting discipline. Authored by two of today's most respected computer science educators, Nell Dale and John Lewis, the text carefully unfolds the many layers of computing from a language-neutral perspective, beginning with the information layer, progressing through the hardware, programming, operating systems, application, and communication layers, and ending with a discussion on the limitations of computing. -- Provided by publisher.

HANDBOOK OF RESEARCH ON INFORMATION SECURITY IN BIOMEDICAL SIGNAL PROCESSING

IGI Global Recent advancements and innovations in medical image and data processing have led to a need for robust and secure mechanisms to transfer images and signals over the internet and maintain copyright protection. The Handbook of Research on Information Security in Biomedical Signal Processing provides emerging research on security in biomedical data as well as techniques for accurate reading and further processing. While highlighting topics such as image processing, secure access, and watermarking, this publication explores advanced models and algorithms in information security in the modern healthcare system. This publication is a vital resource for academicians, medical professionals, technology developers, researchers, students, and practitioners seeking current research on intelligent techniques in medical data security.

BRAIN INFORMATICS

INTERNATIONAL CONFERENCE, BI 2012, MACAU, CHINA, DECEMBER 4-7, 2012, PROCEEDINGS

Springer This book constitutes the refereed proceedings of the International Conference on Brain Informatics, BI 2012, held in Macau, China, in December 2012. The 34 revised full papers were carefully reviewed and selected for inclusion in the book. The papers are organized in topical sections on computer science, information technology, artificial intelligence, web intelligence, cognitive science, neuroscience, medical science, life science, economics, data mining, data and knowledge engineering, intelligent agent technology, human computer interaction, complex systems, and system science.

2012 IEEE/ACIS 11TH INTERNATIONAL CONFERENCE ON COMPUTER AND INFORMATION SCIENCE (ICIS 2012)

SHANGHAI, CHINA, 30 MAY - 1 JUNE 2012 ; [HELD IN CONJUNCTION WITH IIAI/ACIS INTERNATIONAL SYMPOSIUM ON INNOVATIVE E-SERVICES AND INFORMATION SYSTEMS (IEIS 2012), IIAI/ACIS INTERNATIONAL SYMPOSIUM ON INDUSTRIAL INFORMATION MANAGEMENT AND SYSTEM (IIMS 2012) AND 10TH INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING RESEARCH, MANAGEMENT AND APPLICATIONS (SERA 2012)]

COMPUTATION, PHYSICS AND BEYOND

INTERNATIONAL WORKSHOP ON THEORETICAL COMPUTER SCIENCE, WTCS 2012, DEDICATED TO CRISTIAN S. CALUDE ON THE OCCASION OF HIS 60TH BIRTHDAY, AUCKLAND, NEW ZEALAND, FEBRUARY 21-24, 2012, REVISED SELECTED AND INVITED PAPERS

Springer Science & Business Media This Festschrift volume has been published in honor of Cristian Calude on the occasion of his 60th birthday and contains contributions from invited speakers and regular papers presented at the International Workshop on Theoretical Computer Science, WTCS 2012, held in Auckland, New Zealand, in February 2012. Cristian Calude has made a significant contribution to research in computer science theory. Along with early work by Chaitin, Kučera, Kurtz, Solovay, and Terwijn his papers published in the mid-1990s jointly with Khossainov, Hertling, and Wang laid the foundation for the development of modern theory of algorithmic randomness. His work was essential for establishing the leading role of New Zealand in this area. The research interests of Cristian Calude are reflected in the topics covered by the 32 papers included in this book, namely: algorithmic information theory, algorithms, automata and formal languages, computing and natural sciences, computability and applications, logic and applications, philosophy of computation, physics and computation, and unconventional models of computation. They have been organized into four parts. The first part consists of papers discussing his life achievements. This is followed by papers in the three general areas of complexity, computability, and randomness; physics, philosophy (and logic), and computation; and algorithms, automata, and formal models (including unconventional computing).

INFORMATION COMPUTING AND APPLICATIONS

THIRD INTERNATIONAL CONFERENCE, ICICA 2012, CHENGDE, CHINA, SEPTEMBER 14-16, 2012, REVISED SELECTED PAPERS

Springer This book constitutes the refereed proceedings of the Third International Conference on Information Computing and Applications, ICICA 2012, held in Chengde, China, in September 2012. The 100 revised full papers were carefully reviewed and selected from 1089 submissions. The papers are organized in topical sections on internet computing and applications, multimedia networking and computing, intelligent computing and applications, computational statistics and applications, cloud and evolutionary computing, computer engineering and applications, knowledge management and applications, communication technology and applications.

2014 INTERNATIONAL CONFERENCE ON COMPUTER, NETWORK

DEStech Publications, Inc The objective of the 2014 International Conference on Computer, Network Security and Communication Engineering (CNSCE2014) is to provide a platform for all researchers in the field of Computer, Network Security and Communication Engineering to share the most advanced knowledge from both academic and industrial world, to communicate with each other about their experience and most up-to-date research achievements, and to discuss issues and future prospects in these fields. As an international conference mixed with academia and industry, CNSCE2014 provides attendees not only the free exchange of ideas and challenges faced by these two key stakeholders and encourage future collaboration between members of these groups but also a good opportunity to make friends with scholars around the world. As the first session of the international conference on CNSCE, it covers topics related to Computer, Network Security and Communication Engineering. CNSCE2014 has attracted many scholars, researchers and practitioners in these fields from various countries. They take this chance to get together, sharing their latest research achievements with each other. It has also achieved great success by its unique characteristics and strong academic atmosphere as well as its authority.

PROCEEDINGS OF INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING

Springer This is the first International Conference on Advances in Computing (ICAdC-2012). The scope of the conference includes all the areas of New Theoretical Computer Science, Systems and Software, and Intelligent systems. Conference Proceedings is a culmination of research results, papers and the theory related to all the three major areas of computing mentioned above. Helps budding researchers, graduates in the areas of Computer Science, Information Science, Electronics, Telecommunication, Instrumentation, Networking to take forward their research work based on the reviewed results in the paper by mutual interaction through e-mail contacts in the proceedings.

DIGITAL LIBRARIES

RESHAPING TRADITIONAL LIBRARIES INTO NEXT GENERATION LIBRARIES

Allied Publishers The book is grouped under five main sub-themes as: Theme 1: Planning Development and Management of Digital Libraries; Theme 2: Collection Development in Digital Environment; Theme 3: Resource Sharing and Networking; Theme 4: New Technologies and Adaptability; Theme 5: Change Management Issues and Strategies.

INTELLIGENT DECISION TECHNOLOGIES

PROCEEDINGS OF THE 4TH INTERNATIONAL CONFERENCE ON INTELLIGENT DECISION TECHNOLOGIES (IDT'2012) - VOLUME 1

Springer Science & Business Media The Intelligent Decision Technologies (IDT) International Conference encourages an interchange of research on intelligent systems and intelligent technologies that enhance or improve decision making. The focus of IDT is interdisciplinary and includes research on all aspects of intelligent decision technologies, from fundamental development to real applications. IDT has the potential to expand their support of decision making in such areas as finance, accounting, marketing, healthcare, medical and diagnostic systems, military decisions, production and operation, networks, traffic management, crisis response, human-machine interfaces, financial and stock market monitoring and prediction, and robotics. Intelligent decision systems implement advances in intelligent agents, fuzzy logic, multi-agent systems, artificial neural networks, and genetic algorithms, among others. Emerging areas of active research include virtual decision environments, social networking, 3D human-machine interfaces, cognitive interfaces, collaborative systems, intelligent web mining, e-commerce, e-learning, e-business, bioinformatics, evolvable systems, virtual humans, and designer drugs. This volume contains papers from the Fourth KES International Symposium on Intelligent Decision Technologies (KES IDT'12), hosted by researchers in Nagoya University and other institutions in Japan. This book contains chapters based on papers selected from a large number of submissions for consideration for the conference from the international community. The volume represents the current leading thought in intelligent decision technologies.

NEURAL NETWORKS: TRICKS OF THE TRADE

Springer The twenty last years have been marked by an increase in available data and computing power. In parallel to this trend, the focus of neural network research and the practice of training neural networks has undergone a number of important changes, for example, use of deep learning machines. The second edition of the book augments the first edition with more tricks, which have resulted from 14 years of theory and experimentation by some of the world's most prominent neural network researchers. These tricks can make a substantial difference (in terms of speed, ease of implementation, and accuracy) when it comes to putting algorithms to work on real problems.

2012 INTERNATIONAL CONFERENCE ON COMPUTER SCIENCE AND INFORMATION PROCESSING (CSIP 2012)

XIAN, SHAANXI, CHINA, 24 - 26 AUGUST 2012. ...

ADVANCES IN INFORMATION AND COMMUNICATION

PROCEEDINGS OF THE 2020 FUTURE OF INFORMATION AND COMMUNICATION CONFERENCE (FICC), VOLUME 1

Springer Nature This book presents high-quality research on the concepts and developments in the field of information and communication technologies, and their applications. It features 134 rigorously selected papers (including 10 poster papers) from the Future of Information and Communication Conference 2020 (FICC 2020), held in San Francisco, USA, from March 5 to 6, 2020, addressing state-of-the-art intelligent methods and techniques for solving real-world problems along with a vision of future research. Discussing various aspects of communication, data science, ambient intelligence, networking, computing, security and Internet of Things, the book offers researchers, scientists, industrial engineers and students valuable insights into the current research and next generation information science and communication technologies.

DICTIONARY OF COMPUTER SCIENCE, ENGINEERING AND TECHNOLOGY

CRC Press A complete lexicon of technical information, the Dictionary of Computer Science, Engineering, and Technology provides workable definitions, practical information, and enhances general

computer science and engineering literacy. It spans various disciplines and industry sectors such as: telecommunications, information theory, and software and hardware systems. If you work with, or write about computers, this dictionary is the single most important resource you can put on your shelf. The dictionary addresses all aspects of computing and computer technology from multiple perspectives, including the academic, applied, and professional vantage points. Including more than 8,000 terms, it covers all major topics from artificial intelligence to programming languages, from software engineering to operating systems, and from database management to privacy issues. The definitions provided are detailed rather than concise. Written by an international team of over 80 contributors, this is the most comprehensive and easy-to-read reference of its kind. If you need to know the definition of anything related to computers you will find it in the Dictionary of Computer Science, Engineering, and Technology.

ENCYCLOPEDIA OF THE SCIENCES OF LEARNING

Springer Science & Business Media Over the past century, educational psychologists and researchers have posited many theories to explain how individuals learn, i.e. how they acquire, organize and deploy knowledge and skills. The 20th century can be considered the century of psychology on learning and related fields of interest (such as motivation, cognition, metacognition etc.) and it is fascinating to see the various mainstreams of learning, remembered and forgotten over the 20th century and note that basic assumptions of early theories survived several paradigm shifts of psychology and epistemology. Beyond folk psychology and its naïve theories of learning, psychological learning theories can be grouped into some basic categories, such as behaviorist learning theories, connectionist learning theories, cognitive learning theories, constructivist learning theories, and social learning theories. Learning theories are not limited to psychology and related fields of interest but rather we can find the topic of learning in various disciplines, such as philosophy and epistemology, education, information science, biology, and – as a result of the emergence of computer technologies – especially also in the field of computer sciences and artificial intelligence. As a consequence, machine learning struck a chord in the 1980s and became an important field of the learning sciences in general. As the learning sciences became more specialized and complex, the various fields of interest were widely spread and separated from each other; as a consequence, even presently, there is no comprehensive overview of the sciences of learning or the central theoretical concepts and vocabulary on which researchers rely. The Encyclopedia of the Sciences of Learning provides an up-to-date, broad and authoritative coverage of the specific terms mostly used in the sciences of learning and its related fields, including relevant areas of instruction, pedagogy, cognitive sciences, and especially machine learning and knowledge engineering. This modern compendium will be an indispensable source of information for scientists, educators, engineers, and technical staff active in all fields of learning. More specifically, the Encyclopedia provides fast access to the most relevant theoretical terms provides up-to-date, broad and authoritative coverage of the most important theories within the various fields of the learning sciences and adjacent sciences and communication technologies; supplies clear and precise explanations of the theoretical terms, cross-references to related entries and up-to-date references to important research and publications. The Encyclopedia also contains biographical entries of individuals who have substantially contributed to the sciences of learning; the entries are written by a distinguished panel of researchers in the various fields of the learning sciences.

CLOUD COMPUTING APPLICATIONS AND TECHNIQUES FOR E-COMMERCE

IGI Global Many professional fields have been affected by the rapid growth of technology and information. Included in this are the business and management markets as the implementation of e-commerce and cloud computing have caused enterprises to make considerable changes to their practices. With the swift advancement of this technology, professionals need proper research that provides solutions to the various issues that come with data integration and shifting to a technology-driven environment. Cloud Computing Applications and Techniques for E-Commerce is an essential reference source that discusses the implementation of data and cloud technology within the fields of business and information management. Featuring research on topics such as content delivery networks, virtualization, and software resources, this book is ideally designed for managers, educators, administrators, researchers, computer scientists, business practitioners, economists, information analysts, sociologists, and students seeking coverage on the recent advancements of e-commerce using cloud computing techniques.

ADVANCES IN COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

FIRST INTERNATIONAL CONFERENCE ON COMPUTER SCIENCE AND INFORMATION TECHNOLOGY, CCSIT 2011, BANGALORE, INDIA, JANUARY 2-4, 2011. PROCEEDINGS

Springer Science & Business Media This volume constitutes the first of three parts of the refereed proceedings of the First International Conference on Computer Science and Information Technology, CCSIT 2010, held in Bangalore, India, in January 2011. The 59 revised full papers presented in this volume were carefully reviewed and selected. The papers are organized in topical sections on distributed and parallel systems and algorithms; DSP, image processing, pattern recognition, and multimedia; software engineering; database and data Mining; as well as soft computing, such as AI, neural networks, fuzzy systems, etc.

MATHEMATICAL LOGIC FOR COMPUTER SCIENCE

Springer Science & Business Media This is a mathematics textbook with theorems and proofs. The choice of topics has been guided by the needs of computer science students. The method of semantic tableaux provides an elegant way to teach logic that is both theoretically sound and yet sufficiently elementary for undergraduates. In order to provide a balanced treatment of logic, tableaux are related to deductive proof systems. The book presents various logical systems and contains exercises. Still further, Prolog source code is available on an accompanying Web site. The author is an Associate Professor at the Department of Science Teaching, Weizmann Institute of Science.