

Differential Geometry and Its Applications 2014-11-15

this book constitutes the thoroughly refereed post workshop proceedings of the 10th international workshop on rewriting logic and its applications wrla 2014 held as a satellite event of etaps 2014 in grenoble france in march 2014 the 13 revised full papers presented together with 3 invited papers were carefully reviewed and selected from 21 submissions the papers address a great diversity of topics in the fields of foundations and models of rl languages based on rl rl as a logical framework rl as a semantic framework use of rl to provide rigorous support for model based software engineering formalisms related to rl verification techniques for rl specifications comparisons of rl with existing formalisms having analogous aims application of rl to specification and analysis of distributed systems and physical systems

Engineering Plasticity and Its Applications 2019-06-22

this book presents the latest research on ambient intelligence including software and applications ambient intelligence ami is a paradigm emerging from artificial intelligence in which computers are used as proactive tools for assisting people with their day to day activities making everyone s lives more comfortable another main concern of ami originates from the human computer interaction domain and focuses on offering ways to interact with systems in a more natural way by means of user friendly interfaces this field is evolving rapidly as can be seen in emerging natural language and gesture based types of interaction this symposium was jointly organized by the universidade do minho technical university of valencia hiroshima university and university of salamanca the latest installment was held in Ávila spain from 26th to 28th june 2019 the authors wish to thank the sponsors ieee systems man and cybernetics society spain section chapter and the ieee spain section technical co sponsor ibm indra viewnext global exchange aepia appia and air institute

Rewriting Logic and Its Applications 1996-12-15

this volume commemorates the 10th anniversary of the discovery of high temperature superconductors hts the historical framework and present status of hts are reviewed and the future of the field contemplated so that the hts science can be unraveled and the hts technology developed this book contains the works of about 200 members of the international hts community from universities government centers and laboratories major industries and small businesses it focuses on early and major new findings in the physics and mechanisms materials and applications of hts with a projection to the emerging and future areas in science and technology

Ambient Intelligence - Software and Applications -,10th International Symposium on Ambient Intelligence 2015-08-26

this festschrift volume contains 28 refereed papers including personal memories essays and regular research papers by close collaborators and friends of josé meseguer to honor him on the occasion of his 65th birthday these papers were presented at a symposium at the university of illinois at urbana champaign on september 23 25 2015 the symposium also featured invited talks by claude and hélène kirchner and by patrick lincoln the foreword of this volume adds a brief overview of some of josé s many scientific achievements followed by a bibliography of papers written by josé

Physics, Materials And Applications - Proceedings Of The 10th Anniversary Hts Workshop 2023-02-22

edited in collaboration with folli this book constitutes the refereed proceedings of the 10th indian conference on logic and its applications icla 2023 which was held in indore india in march 2023 besides 6 invited papers presented in this volume there are 9 contributed full papers which were carefully reviewed and selected from 18 submissions the volume covers a wide range of topics these topics are related to modal and temporal logics intuitionistic connexive and imperative logics systems for reasoning with vagueness and rough concepts topological quasi boolean logic and quasi boolean based rough set models and first order

definability of path functions of graphs

Logic, Rewriting, and Concurrency 2015-05-31

this volume of advances in intelligent and soft computing contains accepted papers presented at the 10th international conference on soft computing models in industrial and environmental applications soco 2015 held in the beautiful and historic city of burgos spain in june 2015 soft computing represents a collection or set of computational techniques in machine learning computer science and some engineering disciplines which investigate simulate and analyze very complex issues and phenomena this conference is mainly focused on its industrial and environmental applications after a thorough peer review process the soco 2015 international program committee selected 41 papers written by authors from 15 different countries these papers are published in present conference proceedings achieving an acceptance rate of 40 the selection of papers was extremely rigorous in order to maintain the high quality of the conference and we would like to thank the members of the international program committees for their hard work during the review process this is a crucial issue for creation of a high standard conference and the soco conference would not exist without their help

Logic and Its Applications 2019-04-02

this proceedings book presents a collection of research papers from the 10th international conference on robotics vision signal processing power applications rovisp 2018 which serves as a platform for researchers scientists engineers academics and industrial professionals from around the globe to share their research findings and development activities the book covers various topics of interest including but not limited to robotics control mechatronics and automation vision image and signal processing artificial intelligence and computer applications electronic design and applications biomedical bioengineering and applications rf antenna applications and telecommunication systems power systems high voltage and renewable energy electrical machines drives and power electronics devices circuits and embedded systems sensors and sensing techniques

10th International Conference on Soft Computing Models in Industrial and Environmental Applications 2019-11-19

this book presents the proceedings of the 10th conference on theory and applications of soft computing computing with words and perceptions icscw 2019 held in prague czech republic on august 27 28 2019 it includes contributions from diverse areas of soft computing and computing with words such as uncertain computation decision making under imperfect information neuro fuzzy approaches deep learning natural language processing and others the topics of the papers include theory and applications of soft computing information granulation computing with words computing with perceptions image processing with soft computing probabilistic reasoning intelligent control machine learning fuzzy logic in data analytics and data mining evolutionary computing chaotic systems soft computing in business economics and finance fuzzy logic and soft computing in earth sciences fuzzy logic and soft computing in engineering fuzzy logic and soft computing in material sciences soft computing in medicine biomedical engineering and pharmaceutical sciences showcasing new ideas in the field of theories of soft computing and computing with words and their applications in economics business industry education medicine earth sciences and other fields it promotes the development and implementation of these paradigms in various real world contexts this book is a useful guide for academics practitioners and graduates

10th International Conference on Robotics, Vision, Signal Processing and Power Applications 1990-07-17

this volume contains the papers presented at the 10th international conference on automated deduction cade 10 cade is the major forum at which research on all aspects of automated deduction is presented although automated deduction research is also presented at more general artificial intelligence conferences the cade conferences have no peer in the concentration and quality of their contributions to this topic the papers included range from

theory to implementation and experimentation from propositional to higher order calculi and nonclassical logics they refine and use a wealth of methods including resolution paramodulation rewriting completion unification and induction and they work with a variety of applications including program verification logic programming deductive databases and theorem proving in many domains the volume also contains abstracts of 20 implementations of automated deduction systems the authors of about half the papers are from the united states many are from western europe and many too are from the rest of the world the proceedings of the 5th 6th 7th 8th and 9th cade conferences are published as volumes 87 138 170 230 310 in the series lecture notes in computer science

10th International Conference on Theory and Application of Soft Computing, Computing with Words and Perceptions - ICSCCW-2019 2015-02-24

these proceedings are the work of researchers contributing to the 10th international conference on cyber warfare and security iccws 2015 co hosted this year by the university of venda and the council for scientific and industrial research the conference is being held at the kruger national park south africa on the 24 25 march 2015 the conference chair is dr jannie zaaiman from the university of venda south africa and the programme chair is dr louise leenen from the council for scientific and industrial research south africa

10th International Conference on Automated Deduction 2023-02-15

edited in collaboration with folli this book constitutes the refereed proceedings of the 10th indian conference on logic and its applications icla 2023 which was held in indore india in march 2023 besides 6 invited papers presented in this volume there are 9 contributed full papers which were carefully reviewed and selected from 18 submissions the volume covers a wide range of topics these topics are related to modal and temporal logics intuitionistic connexive and imperative logics systems for reasoning with vagueness and rough concepts topological quasi boolean logic and quasi boolean based rough set models and first order definability of path functions of graphs

iccws 2015 - The Proceedings of the 10th International Conference on Cyber Warfare and Security 1878

the chinese society of aeronautics and astronautics holds the youth science and technology forum biannually which aims to assess the state of aviation science and technology recognize advanced scientific and technological accomplishments foster the development of young aviation science and technology talents and provide a platform for young science and technology workers to track the frontier of science and technology exchange novel ideas and accurately meet the needs of the aviation industry this book contains original peer reviewed research papers from the conference topics covered include but are not limited to navigation guidance and control technologies key technologies for aircraft design and overall optimization aviation test technologies aviation airborne systems electromechanical technologies structural design aerodynamics and flight mechanics other related technologies advanced aviation materials and manufacturing technologies advanced aviation propulsion technologies and civil aviation transportation researchers engineers and students find this book to be a useful resource because the articles provided here discuss the most recent advancements in aviation science and technology

Logic and Its Applications 2023-01-01

this book offers a comprehensive study of computer recognition systems one of the most promising directions in artificial intelligence it presents a collection of 52 carefully selected articles contributed by experts in the field of pattern recognition discussing both methodological aspects and applications of current research it includes the following sections features learning and classifiers biometrics data stream classification and big data analytics image processing and computer vision medical applications applications it is a valuable reference tool for scientists dealing with the problems of designing computer pattern

recognition systems including researchers and students of computer science artificial intelligence and robotics

The Commissioners of Patents' Journal 2017-05-05

ermr 2006 included invited speakers technical presentations poster presentations and a student paper competition at the conference banquet dr david carlson of lord corporation addressed the conference attendees and gave a stirring speech on the history of er and mr fluids as well as current and future applications a unique feature of the ermr conferences is that they comprehensively cover issues ranging from physics to chemistry to engineering applications of er and mr materials held in a general session to enhance the interaction between the scientists and engineers the sessions in ermr 2006 were organized based into two symposia a materials and b applications topics covered in the materials symposium included mechanisms preparation and characterization of er and mr materials topics covered in the applications symposium included er and mr devices control systems system integration and applications this structure was implemented in order to enable interaction between attending scientists and engineers in both the materials symposium and the applications symposium and to enhance the free flow of ideas and the potential collaborative research opportunities

Proceedings of the 10th Chinese Society of Aeronautics and Astronautics Youth Forum 2007

this volume contains invited lectures and selected research papers in the fields of classical and modern differential geometry global analysis and geometric methods in physics presented at the 10th international conference on differential geometry and its applications dga2007 held in olomouc czech republic the book covers recent developments and the latest results in the following fields riemannian geometry connections jets differential invariants the calculus of variations on manifolds differential equations finsler structures and geometric methods in physics it is also a celebration of the 300th anniversary of the birth of one of the greatest mathematicians leonhard euler and includes the euler lecture oc leonhard euler oco 300 years onoco by r wilson notable contributors include j f cariena m castrilln lpez j erichhorn j h eschenburg i kolio a p kopylov j korbai o kowalski b kruglikov d krupka o krupkovi r l r andre haizhong li s maeda m a malakhaltsev o i mokhov j muoz masqu r s preston v rovenski d j saunders m sekizawa j slovik j szilasi l tamissy p walczak and others

Proceedings of the 10th International Conference on Computer Recognition Systems CORES 2017 2008

advances in the engineering of sensing and acting capabilities distributed in a wide range of specialized devices nowadays provide an opportunity for the fundamental advances in computer science made in the past few decades to impact our daily lives sensors actuators deployed in a physical space a house an office a classroom a car a street facilitate a link between an automated decision making system and a technologically enriched space the intelligent environment a digital environment that supports people in their daily lives is a very active area of research which is attracting an increasing number of professionals both in academia and industry worldwide the prestigious 10th international conference on intelligent environments ie 14 is focused on the development of advanced intelligent environments and stimulates the discussion on several specific topics that are crucial to the future of the area this volume is the combined proceedings of the workshops co located with ie 14 9th workshop on artificial intelligence techniques for ambient intelligence aitami 14 2nd international workshop on applications of affective computing in intelligent environments acie 14 3rd edition of the workshop on future intelligent educational environments wofiee 14 2nd workshop on cloud of things 2014 cot 14 3rd international workshop on the reliability of intelligent environments worie 2014 4th workshop on creative science 2014 cs 14 and 1st workshop on hyperrealistic intelligent environments 2014 hyperrealitie 14 this book offers an overview of the latest developments in key areas of the development of intelligent environments

Proceedings of the 10th International Conference on

Electrorheological Fluids and Magnetorheological Suspensions 2014-07-03

this book comprises refereed papers from the 10th world congress on engineering asset management wceam 2015 held in tampere finland in september 2015 these proceedings include a compilation of state of the art papers covering a comprehensive range of subjects equally relevant to business managers and engineering professionals alike with a focus on various aspects of engineering asset management ranging from strategic level issues to detail level machine health issues these papers address both industry and public sector concerns and issues as well as advanced academic research proceedings of the wceam 2015 is an excellent reference and resource for asset management practitioners researchers and academics as well as undergraduate and postgraduate students at tertiary institutions or in the industry

Advances in Climbing and Walking Robots 2016-03-25

this book is made for a better understanding of the concepts in the class 10th mathematics syllabus the purpose of this book is to explain the step by step procedure to solve problems this book attempts to make students capable of solving problems on their own

Differential Geometry and Its Applications 1987

this book includes the original peer reviewed research papers from the 10th frontier academic forum of electrical engineering fafee 2022 held in xi an china in august 2022 it gathers the latest research innovations and applications in the fields of electrical engineering the topics it covers include electrical materials and equipment electrical energy storage and device power electronics and drives new energy electric power system equipment intellisense and intelligent equipment biological electromagnetism and its applications and insulation and discharge computation for power equipment given its scope the book benefits all researchers engineers and graduate students who want to learn about cutting edge advances in electrical engineering

Workshop Proceedings of the 10th International Conference on Intelligent Environments 2023-06-14

flins originally an acronym for fuzzy logic and intelligent technologies in nuclear science is now extended to computational intelligence for applied research the contributions to the 10th of flins conference cover state of the art research development and technology for computational intelligence systems both from the foundations and the applications points of view

Information Sciences 2007 2023-08-23

in this book the reader will find a collection of chapters authored co authored by a large number of experts around the world covering the broad field of digital signal processing this book intends to provide highlights of the current research in the digital signal processing area showing the recent advances in this field this work is mainly destined to researchers in the digital signal processing and related areas but it is also accessible to anyone with a scientific background desiring to have an up to date overview of this domain each chapter is self contained and can be read independently of the others these nineteenth chapters present methodological advances and recent applications of digital signal processing in various domains as communications filtering medicine astronomy and image processing

Proceedings of the 10th World Congress on Engineering Asset Management (WCEAM 2015) 1893

presents the proceedings of the 1994 conference topics include distributed security security for electronic commerce electronic data interchange secure dbms internet security firewalls security engineering and cmws on the desktop no index annotation copyright book news inc portland or

Proceedings of the 10th International Operational Modal Analysis Conference (IOMAC 2024) 2010-06-17

an up to date guide to the theory and applications of rf mems with detailed information about rf mems technology as well as its reliability and applications this is a comprehensive resource for professionals researchers and students alike reviews rf mems technologies illustrates new techniques that solve long standing problems associated with reliability and packaging provides the information needed to incorporate rf mems into commercial products describes current and future trends in rf mems providing perspective on industry growth ideal for those studying or working in rf and microwave circuits systems microfabrication and manufacturing production management and metrology and performance evaluation

10th National Computer Security Conference Proceedings, September 21-24, 1987 2014-12-31

contains 113 papers presented at the april 1999 meetings arrangement is in 21 sections covering such topics as algorithmic paradigms and primitives latency tolerance and performance modeling communication run time systems scalable computing communication and protocols for clusters communication libraries routing and broadcasting miscellaneous architecture advanced software for applications support scientific engineering systems signal processing data mining and databases and biological and discrete systems also included are abstracts of the panel discussions and the two keynote addresses from each of the symposiums no subject index annotation copyrighted by book news inc portland or

MathStepUp for Class 10th Mathematics 2012

this book provides an overview of some recent findings in the theory and applications of non integer order systems discussing topics ranging from the mathematical foundations to technical applications of continuous time and discrete time fractional calculus it includes 22 original research papers and is subdivided into four parts mathematical foundations approximation modeling and simulations fractional systems analysis and control applications the papers were selected from those presented at the 10th international conference of non integer order calculus and its applications which was held at the bialystok university of technology poland september 20 21 2018 thanks to the broad spectrum of topics covered the book is suitable for researchers from applied mathematics and engineering it is also a valuable resource for graduate students as well as for scholars looking for new mathematical tools

The proceedings of the 10th Frontier Academic Forum of Electrical Engineering (FAFEE2022) 2011-11-23

Memoir of the State of Bahia 1982

ECEG2010-Proceedings of the 10th European Conference on E-Government 1994

Rewriting Logic and Its Applications 2010-08-19

Uncertainty Modeling in Knowledge Engineering and Decision Making - Proceedings of the 10th International Flins Conference 1999

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