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Design and Management of Manufacturing Systems - Arkadiusz Gola 2021-09-02 Although the design and management of manufacturing systems have been explored in the literature for many years now, they still remain topical problems in the current scientific research. The changing market trends, globalization, the constant pressure to reduce production costs, and technical and technological progress make it necessary to search for new manufacturing methods and ways of organizing them, and to modify manufacturing system design paradigms. This

book presents current research in different areas connected with the design and management of manufacturing systems and covers such subject areas as: methods supporting the design of manufacturing systems, methods of improving maintenance processes in companies, the design and improvement of manufacturing processes, the control of production processes in modern manufacturing systems production methods and techniques used in modern manufacturing systems and environmental aspects of production and their impact on the design and management of manufacturing systems. The wide range of research findings reported in this book confirms that the design of manufacturing systems is a complex problem and that the achievement of goals set for modern manufacturing systems requires interdisciplinary knowledge and the simultaneous design of the product, process and system, as well as the knowledge of modern manufacturing and organizational methods and techniques.

The Semantic Web - ISWC 2004 - Sheila A. McIlraith 2004-10-19

The 3rd International Semantic Web Conference (ISWC 2004) was held Nov- ber 7–11, 2004 in Hiroshima, Japan. If it is true what the proverb says: “Once by accident, twice by habit, three times by tradition,” then this third ISWC did indeed ?rmly establish a tradition. After the overwhelming interest in last year’s conference at Sanibel Island, Florida, this year’s conference showed that the Semantic Web is not just a one-day wonder, but has established itself ?rmly on the research agenda. At a time when special interest meetings with a Sem- tic Web theme are springing up at major conferences in numerous areas (ACL, VLDB, ECAI, AAAI, ECML, WWW, to name but a few), the ISWC series has established itself as the primary venue for Semantic Web research. Response to the call for papers for the

conference continued to be strong. We solicited submissions to three tracks of the conference: the research track, the industrial track, and the poster track. The research track, the premier venue for basic research on the Semantic Web, received 205 submissions, of which 48 were accepted for publication. Each submission was evaluated by three p- gram committee members whose reviews were coordinated by members of the senior program committee. Final decisions were made by the program co-chairs in consultation with the conference chair and the senior program committee. The industrial track, soliciting papers describing industrial research on the - mantic Web, received 22 submissions, of which 7 were accepted for publication.

General System Theory: Perspectives in Philosophy and Approaches in Complex Systems - Gianfranco Minati 2018-07-09

This book is a printed edition of the Special Issue "Second Generation General System Theory: Perspectives in Philosophy and Approaches in Complex Systems" that was published in Systems

Rivista J-Reading n. 2-2016 - Gino De Vecchis 2017-03-31

2016 International Charter on Geographical Education Joop van der Schee Sustainability and Geography EducationGuy Mercier Le répertoire sémantique du mot paysageTu Lan, Christian Sellar, Shuang Cheng The transnational investment promotion community between Italy and China: an example of post Washington consensus neoliberalismTimothy Tambassi Rethinking Geo-Ontologies from a Philosophical Point of View Katie Oost, Bregje de Vries, Joop van der Schee Preparing and debriefing geography fieldwork: a scenario for open classroom dialogue around a core curriculumFerrara Graziella, Francisco EbelingBarros Technology clusters: A cross-national analysis of geographical differences THE LANGUAGE OF IMAGES

(Edited by Elisa Bignante and Marco Maggioli) Matteo Puttilli, Raffaele Cattedra, M'Hammed Idrissi Janati, Rosi Giua geographies of everyday life. Methodological notes from a project of p hotographic storytelling in Fez MAPPING SOCIETIES (Edited by Edoardo Boria) Sara Luchetta Teaching geography with literary mapping: A didactic experiment GEOGRAPHICAL NOTES AND (PRACTICAL) CONSIDERATIONS Monica De Filpo "Defend this little planet called Earth. Human rights and environmental safeguard", Adolfo Pérez Esquivel. Rome, 6th June 2016 REFERRED PAPERS FOR REMOTE SENSING (Edited by Alberto Baroni and Maurizio Fea) Maurizio Fea, Gino De Vecchis, Cristiano Pesaresi Remote sensing and interdisciplinary approach for studying Dubai's urban context and development

Advances in Agent Communication - Frank Dignum 2004-01-13 Inthisbookwepresentacollectio nofpapersaroundthetopicofAge ntCom- nication. The communication between agents has been one of the major topics of research in multi-agent systems. The current work can therefore build on a number of previous workshops, the proceedings of which have been published in earlier volumes in this series. The basis of this collection is the accepted s- missions of the workshop on Agent Communication Languages which was held in conjunction with the AAMAS conference in July 2003 in Melbourne. The workshop received 15 submissions of which 12 were selected for publication in this volume. Although the number of submissions was less than expected for an important area like Agent Communication there is no reason to worry that this area does not get enough attention from the agent community. First of all, the 12 selected papers are all of high quality. The high acceptance rate is only due to this high quality and not to the necessity to select a certain number of papers. Besides the high-quality workshop papers, we

noticed that many papers on Agent Communication found their way to the main conference. We decided therefore to invite a number of authors to revise and extend their papers from this conference and to combine them with the workshop papers. We believe that the current collection comprises a very good and quite complete overview of the state of the art in this area of research and gives a good indication of the topics that are of major interest at the moment.

Non-Associative Normed Algebras : Volume 2, Representation Theory and the Zel'manov Approach - Miguel Cabrera García 2018-04-12

This first systematic account of the basic theory of normed algebras, without assuming associativity, includes many new and unpublished results and is sure to become a central resource for researchers and graduate students in the field. This second volume revisits JB*-triples, covers Zel'manov's celebrated work in Jordan theory, proves the unit-free variant of the Vidav–Palmer theorem, and develops the representation theory of alternative C*-algebras and non-commutative JB*-algebras. This completes the work begun in the first volume, which introduced these algebras and discussed the so-called non-associative Gelfand–Naimark and Vidav–Palmer theorems. This book interweaves pure algebra, geometry of normed spaces, and infinite-dimensional complex analysis. Novel proofs are presented in complete detail at a level accessible to graduate students. The book contains a wealth of historical comments, background material, examples, and an extensive bibliography.

The Internet of Things - Ricardo Armentano 2017-10-16

This book provides a dual perspective on the Internet of Things and ubiquitous computing, along with their applications in healthcare and smart cities. It also covers other interdisciplinary aspects of the Internet of Things like

big data, embedded Systems and wireless Sensor Networks. Detailed coverage of the underlying architecture, framework, and state-of the art methodologies form the core of the book.

Proceedings of the First Advanced Course in Operator Theory and Complex Analysis - Alfonso Montes Rodríguez 2006

Topics of the Advanced Course in Operator Theory and Complex Analysis held in Seville in June 2004 ranged from determining the conformal type of Riemann surfaces, to concrete classical operators acting on classical spaces of analytic functions, passing through how the behaviour of the powers of the classical shift operator determines whether every function in a given space of analytic functions on the disk has non-tangential limits almost everywhere, and lattices of jointly invariant subspaces for two translations semigroup.

Interpretable Artificial Intelligence: A Perspective of Granular Computing - Witold Pedrycz 2021-03-26

This book offers a comprehensive treatise on the recent pursuits of Artificial Intelligence (AI) – Explainable Artificial Intelligence (XAI) by casting the crucial features of interpretability and explainability in the original framework of Granular Computing. The innovative perspective established with the aid of information granules provides a high level of human centricity and transparency central to the development of AI constructs. The chapters reflect the breadth of the area and cover recent developments in the methodology, advanced algorithms and applications of XAI to visual analytics, knowledge representation, learning and interpretation. The book appeals to a broad audience including researchers and practitioners interested in gaining exposure to the rapidly growing body of knowledge in AI and intelligent systems.

Fractional Differential Equations - Juan J. Nieto 2019-11-19

Fractional calculus provides the possibility of introducing integrals and derivatives of an arbitrary order in the mathematical modelling of physical processes, and it has become a relevant subject with applications to various fields, such as anomalous diffusion, propagation in different media, and propogation in relation to materials with different properties. However, many aspects from theoretical and practical points of view have still to be developed in relation to models based on fractional operators. This Special Issue is related to new developments on different aspects of fractional differential equations, both from a theoretical point of view and in terms of applications in different fields such as physics, chemistry, or control theory, for instance. The topics of the Issue include fractional calculus, the mathematical analysis of the properties of the solutions to fractional equations, the extension of classical approaches, or applications of fractional equations to several fields.

Semantic and Fuzzy Modelling for Human Behaviour Recognition in Smart Spaces - N. Díaz Rodríguez 2016-06-08

One of the major limitations of the Ambient Intelligent Systems today is the lack of semantic models of those activities on the environment, so that the system can recognize the specific activity being performed by the user(s) and act accordingly. In this context, this thesis addresses the general problem of knowledge representation in Smart Spaces. The main objective is to develop knowledge-based models, equipped with semantics to learn, infer and monitor human behaviours in Smart Spaces. Moreover, it is easy to recognize that some aspects of this problem have a high degree of uncertainty, and therefore, the developed models must be equipped with mechanisms to manage this type of information. As an added value, this system should be sufficiently simple and flexible to be managed by

non-expert users, and thus, facilitate the transfer of research to industry. To do this, we develop graphical models to represent human behaviour in Smart Spaces, in order to provide them with more usability in the final application. As a result, human behaviour recognition can help assisting people with special needs such as independent elders, in remote rehabilitation monitoring, industrial process guidelines, and many other cases.

Abstract Volterra Integro-Differential Equations - Marko Kostic 2015-05-06

The theory of linear Volterra integro-differential equations has been developing rapidly in the last three decades. This book provides an easy to read concise introduction to the theory of ill-posed abstract Volterra integro-differential equations. A major part of the research is devoted to the study of various types of abstract (multi-term) fractional differential equations with Caputo fractional derivatives, primarily from their invaluable importance in modeling of various phenomena appearing in physics, chemistry, engineering, biology and many other sciences. The book also contributes to the theories of abstract first and second order differential equations, as well as to the theories of higher order abstract differential equations and incomplete abstract Cauchy problems, which can be viewed as parts of the theory of abstract Volterra integro-differential equations only in its broad sense. The operators examined in our analyses need not be densely defined and may have empty resolvent set. Divided into three chapters, the book is a logical continuation of some previously published monographs in the field of ill-posed abstract Cauchy problems. It is not written as a traditional text, but rather as a guidebook suitable as an introduction for advanced graduate students in mathematics or engineering science, researchers in abstract partial differential equations and experts from

other areas. Most of the subject matter is intended to be accessible to readers whose backgrounds include functions of one complex variable, integration theory and the basic theory of locally convex spaces. An important feature of this book as compared to other monographs and papers on abstract Volterra integro-differential equations is, undoubtedly, the consideration of solutions, and their hypercyclic properties, in locally convex spaces. Each chapter is further divided in sections and subsections and, with the exception of the introductory one, contains a plenty of examples and open problems. The numbering of theorems, propositions, lemmas, corollaries, and definitions are by chapter and section. The bibliography is provided alphabetically by author name and a reference to an item is of the form, The book does not claim to be exhaustive. Degenerate Volterra equations, the solvability and asymptotic behaviour of Volterra equations on the line, almost periodic and positive solutions of Volterra equations, semilinear and quasilinear problems, as some of many topics are not covered in the book. The author's justification for this is that it is not feasible to encompass all aspects of the theory of abstract Volterra equations in a single monograph.

50 years of Statistical Physics in Mexico: Development, State of the Art and Perspectives - Ramon Castañeda-Priego 2021-09-13

Remote Sensing and Geosciences for Archaeology - Deodato Tapete 2018-04-27

This book is a printed edition of the Special Issue "Remote Sensing and Geosciences for Archaeology" that was published in Geosciences

Research and Development in Intelligent Systems XXIV - Max Bramer 2007-12-03

An agent in a multi-agent system (MAS) has to generate plans for its individual goal, but these plans may con?ict with those that are already being scheduled or executed by other

agents. It must also be able to complete its planning and resolution of these con?icts within a reasonable time to have an acceptable quality plan. Although we adopt hierarchical planning (HP, for example, see [7, 12]) using the decision-theoretic planning (DTP) approach [6] for ef?cient planning, it is not trivial to apply HPO to MAS. In HP, appropriate (abstract) plans are selected level by level to maximize the utility U (p), where where p is the expected ?nal plan comprising a sequence of primitive actions. However, in the MAS context, con?icts between agents affect the ef?ciency and quality of resulting plans. When a con?ict is found at lower levels, an additional sophisticated process for avoiding it (con?ict resolution) must be invoked and some extra actions (such as waiting for synchronization and detouring) may have to be added to the plan. The con?ict resolution process may become costly or fail. Even a single con?ict, if it is dif?cult to resolve, will result in a plan with considerably lower quality than it otherwise would have. As a result, in multi-agent systems, the second- or third-best plans may result in better overall performance.

International Conference on Differential Equations, Berlin, Germany, 1-7 August, 1999 - Bernold Fiedler 2000

This book is a compilation of high quality papers focussing on five major areas of active development in the wide field of differential equations: dynamical systems, infinite dimensions, global attractors and stability, computational aspects, and applications. It is a valuable reference for researchers in diverse disciplines, ranging from mathematics through physics, engineering, chemistry, nonlinear science to the life sciences

Advances in Web Based Learning - ICWL 2009 - Marc Spaniol 2009-08-19

This book constitutes the refereed proceedings of the 8th International Conference on Web-Based Learning, ICWL

2009, held in Aachen, Germany, in August 2009. The 38 revised full papers and 14 short papers are presented together with three invited papers and were carefully reviewed and selected from 106 submissions. They deal with topics such as technology enhanced learning, web-based learning for oriental languages, mobile learning, social software and Web 2.0 for technology enhanced learning, learning resource deployment, organization and management, design, model and framework of E-learning systems, e-learning metadata and standards, educational gaming and multimedia storytelling for learning, as well as practice and experience sharing and pedagogical Issues.

Universal Ontology of Geographic Space: Semantic Enrichment for Spatial Data - Podobnikar, Tomaž 2012-03-31

A universal approach to the ontology of geographic space has already been, and is going to be, a comprehensive task for establishing more effective spatial models. The concept of a universal spatial ontology should be independent of location, culture, and time. It should be fundamental and universal in the same way that the number p defines the ratio between the diameter and the circumference of a circle. The term “universal” therefore means all-embracing and for general propose. Universal Ontology of Geographic Space: Semantic Enrichment for Spatial Data aims to escalate the current scope of research to support the development of semantically interoperable systems of geographic space. This reference will aid university lecturers and professors, students, researchers, developers of spatial applications.

Journal of the Association for Computing Machinery - 1994

Web Engineering - Juan Manuel Cueva Lovelle 2003-06-30

The refereed proceedings of the International Conference on Web Engineering, ICWE 2003, held in Oviedo, Spain in

July 2003. The 25 revised full papers and 73 short papers presented together with 2 invited papers were carefully reviewed and selected from 190 submissions. The papers are organized in topical sections on agents on the Web, e-commerce, e-learning, human-computer interaction, languages and tools, mobility and the Web, multimedia techniques and telecommunications, security, Web quality and testing, semantic Web, and Web applications development.

Student Usability in Educational Software and Games: Improving Experiences - Gonzalez, Carina 2012-08-31

"This book explores new models of interaction and human-computer interaction paradigms as applied to learning environments"--Provided by publisher.

Fashion Recommender Systems - Nima Dokoohaki 2020-11-04

This book includes the proceedings of the first workshop on Recommender Systems in Fashion 2019. It presents a state of the art view of the advancements within the field of recommendation systems with focused application to e-commerce, retail and fashion. The volume covers contributions from academic as well as industrial researchers active within this emerging new field. Recommender Systems are often used to solve different complex problems in this scenario, such as social fashion-based recommendations (outfits inspired by influencers), product recommendations, or size and fit recommendations. The impact of social networks and the influence that fashion influencers have on the choices people make for shopping is undeniable. For instance, many people use Instagram to learn about fashion trends from top influencers, which helps them to buy similar or even exact outfits from the tagged brands in the post. When traced, customers' social behavior can be a very useful guide for online shopping websites,

providing insights on the styles the customers are really interested in, and hence aiding the online shops in offering better recommendations and facilitating customers quest for outfits. Another well known difficulty with recommendation of similar items is the large quantities of clothing items which can be considered similar, but belong to different brands. Relying only on implicit customer behavioral data will not be sufficient in the coming future to distinguish between for recommendation that will lead to an item being purchased and kept, vs. a recommendation that might result in either the customer not following it, or eventually return the item. Finding the right size and fit for clothes is one of the major factors not only impacting customers purchase decision, but also their satisfaction from e-commerce fashion platforms. Moreover, fashion articles have important sizing variations. Finally, customer preferences towards perceived article size and fit for their body remain highly personal and subjective which influences the definition of the right size for each customer. The combination of the above factors leaves the customers alone to face a highly challenging problem of determining the right size and fit during their purchase journey, which in turn has resulted in having more than one third of apparel returns to be caused by not ordering the right article size. This challenge presents a huge opportunity for research in intelligent size and fit recommendation systems and machine learning solutions with direct impact on both customer satisfaction and business profitability.

A Woman's Gaze - Marjorie Agosín 1998

Based in the peasantry for the most part, Latin American women's art is profoundly tied to a complex fabric of cultural heritage. This glorious celebration of the unsung and virtually unseen women artists of Latin America presents a dazzling group of women who challenge common

assumptions about the nature of artists and their art. Those profiled include painters, sculptors, photographers, textile artists, musicians, dancers, choreographers, and filmmakers. Photos.

2D and 3D Image Analysis by Moments - Jan Flusser 2016-12-19

Presents recent significant and rapid development in the field of 2D and 3D image analysis 2D and 3D Image Analysis by Moments, is a unique compendium of moment-based image analysis which includes traditional methods and also reflects the latest development of the field. The book presents a survey of 2D and 3D moment invariants with respect to similarity and affine spatial transformations and to image blurring and smoothing by various filters. The book comprehensively describes the mathematical background and theorems about the invariants but a large part is also devoted to practical usage of moments. Applications from various fields of computer vision, remote sensing, medical imaging, image retrieval, watermarking, and forensic analysis are demonstrated. Attention is also paid to efficient algorithms of moment computation. Key features: Presents a systematic overview of moment-based features used in 2D and 3D image analysis. Demonstrates invariant properties of moments with respect to various spatial and intensity transformations. Reviews and compares several orthogonal polynomials and respective moments. Describes efficient numerical algorithms for moment computation. It is a "classroom ready" textbook with a self-contained introduction to classifier design. The accompanying website contains around 300 lecture slides, Matlab codes, complete lists of the invariants, test images, and other supplementary material. 2D and 3D Image Analysis by Moments, is ideal for mathematicians, computer scientists, engineers, software developers, and Ph.D students involved in image analysis and recognition. Due to the

addition of two introductory chapters on classifier design, the book may also serve as a self-contained textbook for graduate university courses on object recognition.

Digital Sociologies - Daniels, Jessie 2017

This handbook offers a much-needed overview of the rapidly growing field of digital sociology. Rooted in a critical understanding of inequality as foundational to digital sociology, it connects digital media technologies to traditional areas of study in sociology, such as labor, culture, education, race, class, and gender. It covers a wide variety of topics, including web analytics, wearable technologies, social media analysis, and digital labor. The result is a benchmark volume that places the digital squarely at the forefront of contemporary investigations of the social.

Maximum Entropy and Bayesian Methods Garching, Germany 1998 - Wolfgang von der Linden 2012-12-06

In 1978 Edwin T. Jaynes and Myron Tribus initiated a series of workshops to exchange ideas and recent developments in technical aspects and applications of Bayesian probability theory. The first workshop was held at the University of Wyoming in 1981 organized by C.R. Smith and W.T. Grandy. Due to its success, the workshop was held annually during the last 18 years. Over the years, the emphasis of the workshop shifted gradually from fundamental concepts of Bayesian probability theory to increasingly realistic and challenging applications. The 18th international workshop on Maximum Entropy and Bayesian Methods was held in Garching / Munich (Germany) (27-31. July 1998). Opening lectures by G. Larry Bretthorst and by Myron Tribus were dedicated to one of th the pioneers of Bayesian probability theory who died on the 30 of April 1998: Edwin Thompson Jaynes. Jaynes revealed and advocated the correct meaning of 'probability' as the state of knowledge

rather than a physical property. This inter pretation allowed him to unravel longstanding mysteries and paradoxes. Bayesian probability theory, "the logic of science" - as E.T. Jaynes called it - provides the framework to make the best possible scientific inference given all available exper imental and theoretical information. We gratefully acknowledge the efforts of Tribus and Bretthorst in commemorating the outstanding contributions of E.T. Jaynes to the development of probability theory.

Mathematical Reviews - 2003

Advances in Learning Software Organizations - Grigori Melnik 2011-04-02

Software-intensive organizations cannot help but learn. A software organization that does not learn will not exist for long, because the software market is continuously on the move, because of new customerdemandsand needs, and becauseof new competitor products and services. Software organizationsmust adapt quickly to this ever-changing environment, and the capability to adapt is one of the most important aspects of lea-ing. Smart organizations will attempt to predict future software demands, and develop a corresponding knowledge road map that identi?es the capabilities needed over time in order to meet these demands. Organizational learning typically occurs when experienced organization members share their knowledge with colleagues, such that the organization as a whole can pro?t from the intellectual capital of its members. While knowledge is typically shared in an adhoc fashion by means of direct, face-to-face communication, a learning software organizationwill want to ensurethat this knowledgesharingoccursina systematicway, enabling it whenever and wherever it is needed. Since 1999,the annualInternationalWorkshopo n LearningSoftwareOrganization

s (LSO) hasprovideda communicationforumthat bringstogether academiaand industry to discuss the advancements in and to address the questions of continuous learning in software-intensive organizations. Building upon existing work on knowledge mana- ment and organizational learning, the workshop series promotes interdisciplinary - proaches from computer science and information systems, business, management and organization science as well as cognitive science.

Algebraic and Logic Programming - Michael Hanus 1996-09-30

This book constitutes the refereed proceedings of the Fifth International Conference on Algebraic and Logic Programming, ALP '96, held in Aachen, Germany, in September 1996 in conjunction with PLILP and SAS. The volume presents 21 revised full papers selected from 54 submissions; also included is an invited contribution by Claude Kirchner and Ilies Alouini entitled "Toward the Concurrent Implementation of Computational Systems". The volume is divided into topical sections on logic programming, term rewriting, integration of paradigms, abstract interpretation, Lambda-calculus and rewriting, and types.

Quantitative Methods for Economics and Finance - J.E. Trinidad-Segovia 2021-02-12

This book is a collection of papers for the Special Issue “Quantitative Methods for Economics and Finance” of the journal Mathematics. This Special Issue reflects on the latest developments in different fields of economics and finance where mathematics plays a significant role. The book gathers 19 papers on topics such as volatility clusters and volatility dynamic, forecasting, stocks, indexes, cryptocurrencies and commodities, trade agreements, the relationship between volume and price, trading strategies, efficiency, regression, utility models,

fraud prediction, or intertemporal choice.

HCI International 2021 - Posters - Constantine Stephanidis 2021-07-03

The three-volume set CCIS 1419, CCIS 1420, and CCIS 1421 contains the extended abstracts of the posters presented during the 23rd International Conference on Human-Computer Interaction, HCII 2021, which was held virtually in July 2021. The total of 1276 papers and 241 posters included in the 39 HCII 2021 proceedings volumes was carefully reviewed and selected from 5222 submissions. The posters presented in these three volumes are organized in topical sections as follows: Part I: HCI theory and methods; perceptual, cognitive and psychophisiological aspects of interaction; designing for children; designing for older people; design case studies; dimensions of user experience; information, language, culture and media. Part II: interaction methods and techniques; eye-tracking and facial expressions recognition; human-robot interaction; virtual, augmented and mixed reality; security and privacy issues in HCI; AI and machine learning in HCI. Part III: interacting and learning; interacting and playing; interacting and driving; digital wellbeing, eHealth and mHealth; interacting and shopping; HCI, safety and sustainability; HCI in the time of pandemic.

When Mirrors Are Windows - Guillermo Rodríguez 2016-09-01

In an ocean where myriads of rivers converge, can one sole river lend the ocean its distinct flavour? For someone who is at home with several languages, literary traditions and disciplines, is it possible for one form to criss-cross the landscape of another? In a poet's world of mirrors, where stream and earth are sky, one may 'sometimes count every orange on a tree', but can one count 'all the trees in a single orange'? In this volume, Guillermo Rodríguez explores these possibilities by analysing the works of one of India's finest poets, translators,

essayists and scholars of the twentieth century, A.K. Ramanujan (1929–1993).

Practical and Theoretical Geoarchaeology - Paul Goldberg 2022-09-13

Practical and Theoretical Geoarchaeology, Second Edition, provides an invaluable and vastly updated overview of geoarchaeology and how it can be used effectively in the study of archaeological sites and contexts. Taking a pragmatic and functional approach, this book presents: a fundamental, broad-based perspective of the essentials of modern geoarchaeology in order to demonstrate the breadth of the approaches and the depth of the problems that it can tackle. the rapid advances made in the area in recent years, but also gives the reader a firm grasp of conventional approaches. covers traditional topics with the emphasis on landscapes, as well as anthropogenic deposits and site formation processes and their investigation. provides guidelines for the presentation of field and laboratory methods and the reporting of geoarchaeological results. essential reading for archaeology undergraduate and graduate students, practicing archaeologists and geoscientists who need to understand and apply geoarchaeological methodologies, and help foster the dialog among diverse researchers investigating archaeological sites. Practical and Theoretical Geoarchaeology, Second Edition, is an ideal resource for undergraduate and graduate students in archaeology, and a great practical reference for practicing archaeologists and geoscientists who need to understand and apply geoarchaeological methodologies internationally.

Rewriting Techniques and Applications - Tobias Nipkow 2006-06-08

This book constitutes the refereed proceedings of the 9th International Conference on Rewriting Techniques and Applications, RTA-98, held in Tsukuba, Japan, in March/April 1998. The 22 revised full papers presented were

carefully selected from a total of 61 submissions by the program committee with the assistance of 113 additional referees. The book covers all current aspects of rewriting including rewriting systems, term rewriting, string rewriting, theorem proving, resolution, normalization, unification, equational logics, lambda calculus, constraint solving, and functional programming.

GUIDE TO INTERNET CRYPTOGRAPHY - JOERG. SCHWENK 2022

Computer Aided Systems Theory – EUROCAST 2005 - Roberto Moreno-Díaz 2005-09-22

This book constitutes the thoroughly refereed post-proceedings of the 10th International Conference on Computer Aided Systems Theory, EUROCAST 2005, held in Las Palmas de Gran Canaria, Spain in February 2005. The 83 revised full papers presented were carefully reviewed and selected for inclusion in the book. The papers are organized in topical sections on formal approaches in modelling, intelligent information systems, information applications components, cryptography and spectral analysis, computer vision, biocomputing, intelligent vehicular systems, robotic soccer, robotics and control.

Sustainable Territorial Management - David Rodr´ıguez-Rodr´ıguez 2018-09-21

This book is a printed edition of the Special Issue "Sustainable Territorial Management" that was published in Environments

The Geometry of Riemann Surfaces and Abelian Varieties - José María Muñoz Porras 2006

Most of the papers in this book deal with the theory of Riemann surfaces (moduli problems, automorphisms, etc.), abelian varieties, theta functions, and modular forms. Some of the papers contain surveys on the recent results in the topics of current interest to mathematicians, whereas others contain new research results.

Advances in Learning Software Organizations - 2004

Non-Associative Normed Algebras - Miguel Cabrera García 2018-04-12

The first systematic account of the basic theory of normed algebras, without assuming associativity. Sure to become a central resource.