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A Tour of Representation Theory Springer

Vols. 227-230, no. 2 include: Stuff and nonsense, v. 5-6, no. 8, Jan. 1929-Aug. 1930.

Concepts, Methodologies, Tools, and Applications Springer

Discover the latest research on crafting compelling narratives in interactive entertainment Electronic games are no longer considered "mere fluff" alongside the "real" forms of entertainment, like film, music, and television. Instead, many games have evolved into an art form in their own right, including carefully constructed stories and engaging narratives enjoyed by millions of people around the world. In Handbook on Interactive Storytelling, readers will find a comprehensive discussion of the latest research covering the creation of interactive narratives that allow users to experience a dramatically compelling story that responds directly to their actions and choices. Systematically organized, with extensive bibliographies and academic exercises included in each chapter, the book offers readers new perspectives on existing research and fresh avenues ripe for further study. In-depth case studies explore the challenges involved in crafting a narrative that comprises one of the main features of the gaming experience, regardless of the technical aspects of a game's production. Readers will also enjoy: A thorough introduction to interactive storytelling, including discussions of narrative, plot, story, interaction, and a history of the phenomenon, from improvisational theory to role-playing games A rigorous discussion of the background of storytelling, from Aristotle's Poetics to Joseph Campbell and the hero's journey Compelling explorations of different perspectives in the interactive storytelling space, including different platforms, designers, and interactors, as well as an explanation of storyworlds Perfect for game designers, game developers, game and narrative researchers and academics, and undergraduate and graduate students studying storytelling, game design, gamification, and multimedia systems, Handbook on Interactive Storytelling is an indispensable resource for anyone interested in the deployment of compelling narratives in an interactive context.

Germany, 1871-1945 Walter de Gruyter

Representation theory investigates the different ways in which a given algebraic object--such as a group or a Lie algebra--can act on a vector space. Besides being a subject of great intrinsic beauty, the theory enjoys the additional benefit of having applications in myriad contexts outside pure mathematics, including quantum field theory and the study of molecules in chemistry. Adopting a panoramic viewpoint, this book offers an introduction to four different flavors of representation theory: representations of algebras, groups, Lie algebras, and Hopf algebras. A separate part of the book is devoted to each of these areas and they are all treated in sufficient depth to enable and hopefully entice the reader to pursue research in representation theory. The book is intended as a textbook for a course on representation theory, which could immediately follow the standard graduate abstract algebra course, and for subsequent more advanced reading courses. Therefore, more than 350 exercises at various levels of difficulty are included. The broad range of topics covered will also make the text a valuable reference for researchers in algebra and related areas and a source for graduate and postgraduate students wishing to learn more about representation theory by self-study.

Database Schema Evolution and Meta-Modeling World Scientific

This book constitutes the thoroughly refereed post-proceedings of the Third International Workshop on Cryptanalysis Hardware and Embedded Systems, CHES 2001, held in Paris, France in Mai 2001. The 31 revised full papers presented were carefully reviewed and selected from 66 submissions. The papers are organized in topical sections on side channel attacks, Rijndael hardware implementation, random number generators, elliptic curve algorithms, arithmetic architectures, cryptanalysis, embedded implementations of ciphers, and side channel attacks on elliptic curve cryptosystems.

Digital Watermarking BRILL

Intelligent systems and technologies are increasing finding their ways in our daily lives. This book presents a sample of recent research results from key researchers. The contributions include: Introduction to intelligent systems; A Fuzzy Density Analysis of Subgroups by means of DNA Oligonucleotides; Evolution of Cooperating Classification Rules with an Archiving Strategy to Underpin Collaboration; Designing Agents with Dynamic Capability; Localized versus Locality Preserving Representation Methods in Face Recognition Tasks; Invariance Properties of Recurrent Neural Networks; Solving Bioinformatics Problems by Soft Computing Techniques; Transforming an Interactive Expert Code into a Statefull Service and a Multicoreenabled System; Ro-WordNet with Paradigmatic Morphology and Subjectivity Mark-up; Special Cases of Relative Object Qualification using the AMONG Operator; Effective Speaker Tracking Strategies for Multi-party Human-Computer Dialogue; The Fuzzy Interpolative Control for Passive Greenhouses; GPS safety system for airplanes; 3D Collaborative Interfaces for E-learning; Open Projects in Contemporary E-Learning; Software Platform for Archaeological Patrimony Inventory and Management. The book is directed to the graduate students, researchers, professors and the practitioner of intelligent systems.

The Publishers Weekly John Wiley & Sons

Presents a unified overview of the various process algebras currently in use and sets the standard for the field.

The Italian Association for Information Systems Elsevier

This book constitutes the refereed proceedings of the Third International Workshop on Fault Diagnosis and Tolerance in Cryptography, FDTC 2006, held in Yokohama, Japan in October 2006. The 12 revised papers of FDTC 2006 are presented together with nine papers from FDTC 2004 and FDTC 2005 that passed a second round of reviewing. They all provide a comprehensive introduction to the issues faced by designers of robust cryptographic devices.

No North Sea Berg

This study highlights the contributions made by a host of European evangelicals to the creation of an international and inter-denominational network which became institutionalised in 1846 when the Evangelical Alliance was established.

Process Algebra: Equational Theories of Communicating Processes World Scientific

The utilization of mathematical models to numerically describe the performance of internal combustion engines is of great significance in the development of new and improved engines. Today, such simulation models can already be viewed as standard tools, and their importance is likely to increase further as available computer power is expected to increase and the predictive quality of the models is constantly enhanced. This book describes and discusses the most widely

used mathematical models for in-cylinder spray and combustion processes, which are the most important subprocesses affecting engine fuel consumption and pollutant emissions. The relevant thermodynamic, fluid dynamic and chemical principles are summarized, and then the application of these principles to the in-cylinder processes is explained. Different modeling approaches for the each subprocesses are compared and discussed with respect to the governing model assumptions and simplifications. Conclusions are drawn as to which model approach is appropriate for a specific type of problem in the development process of an engine. Hence, this book may serve both as a graduate level textbook for combustion engineering students and as a reference for professionals employed in the field of combustion engine modeling. The research necessary for this book was carried out during my employment as a postdoctoral scientist at the Institute of Technical Combustion (ITV) at the University of Hannover, Germany and at the Engine Research Center (ERC) at the University of Wisconsin-Madison, USA.

A Dictionary of the English and German Languages for Home and School Bentham Science Publishers

This book consists of various contributions in conjunction with the keywords OC reasoningOCO and OC intelligent systemsOCO, which widely covers theoretical to practical aspects of intelligent systems. Therefore, it is suitable for researchers or graduate students who want to study intelligent systems generally."

Methods and Applications Walter de Gruyter GmbH & Co KG

After the bitter lessons of German self-disarmament in 1919, Britain was far more alert and focused when it came to overseeing the disarmament of Germany's naval forces after World War II. This book shows how well-prepared the British were second time around.

Stochastic Calculus of Variations Springer Science & Business Media

Chapters of this book offer a careful selection of the best contributions to the Italian Association for Information Systems (ItAIS) Annual Conference, that took place in Venice, San Servolo Island, in October 2007. The main goal of this book is to disseminate academic knowledge, both theoretical and pragmatic, in the information systems community. Recognizing the relevance of many different disciplines, the book takes an interdisciplinary approach to the subject of information systems, thus providing a comprehensive and current coverage of this important area. ItAIS (<http://www.itais.org>) is the Italian chapter of the Association for Information Systems (<http://www.aisnet.org>). It was established in 2003 and has since been promoting the exchange of ideas, experience and knowledge among both academics and professionals committed to the development, management, organization and use of information systems.

Dictionary of the English and German Languages for Home and School: German-English Springer Science & Business Media

Multiple Criteria Decision Making (MCDM) is the study of methods and procedures by which concerns about multiple conflicting criteria can be formally incorporated into the management planning process. A key area of research in OR/MS, MCDM is now being applied in many new areas, including GIS systems, AI, and group decision making. This volume is in effect the third in a series of Springer books by these editors (all in the ISOR series), and it brings all the latest developments in MCDM into focus. Looking at developments in the applications, methodologies and foundations of MCDM, it presents research from leaders in the field on such topics as Problem Structuring Methodologies; Measurement Theory and MCDA; Recent Developments in Evolutionary Multiobjective Optimization; Habitual Domains and Dynamic MCDM in Changeable Spaces; Stochastic Multicriteria Acceptability Analysis; and many more chapters.

Cryptographic Hardware and Embedded Systems - CHES 2001 A German and English DictionaryTrends in Multiple Criteria Decision Analysis

Data mining continues to be an emerging interdisciplinary field that offers the ability to extract information from an existing data set and translate that knowledge for end-users into an understandable way. Data Mining: Concepts, Methodologies, Tools, and Applications is a comprehensive collection of research on the latest advancements and developments of data mining and how it fits into the current technological world.

9th International Workshop on Foundations of Models and Languages for Data and Objects

FoMLaDO/DEMM 2000 Dagstuhl Castle, Germany, September 18-21, 2000 Selected Papers Springer Science & Business Media

An innovative and lively first-year program, VORSPRUNG: A COMMUNICATIVE INTRODUCTION TO GERMAN LANGUAGE AND CULTURE, ENHANCED 3rd Edition, uses a unique five-skills approach to help you develop realistic abilities in speaking, hearing, reading, and writing German. Utilizing "focus on form" activities, the program presents a systematic, clear introduction to the essentials of German grammar and practices high-frequency structures and vocabulary in interactive activities. It also provides you with cultural knowledge relevant to your own life and then asks you to compare your culture to the habits and behaviors of the German-speaking people of Europe--providing you with a more enriching language experience. To prepare you for successful communication in today's rapidly changing world, VORSPRUNG exposes you to a wealth of spoken and written authentic textual materials and offers an array of in-class activities that provide ample opportunities for you to practice German in current contexts. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Challenges and Opportunities Springer Science & Business Media

This book constitutes the thoroughly refereed post-proceedings of the Third International Workshop on Digital Watermarking, IWDW 2004, held in Seoul, Korea in October/November 2004. The 22 revised full papers presented together with 3 invited papers were carefully selected from over 60 submissions during two rounds of reviewing and improvement. The papers are organized in topical sections on systems, theory, authentication and steganography, cryptography, and methods.

Fundamentals, Theories, Systems and Applications American Mathematical Soc.

A Basic Vocabulary of Scientific and Technological German is a collection of common scientific and technological terms used in many fields in science, commerce, and industry. This book provides the most commonly used German terms and words in the applied and pure sciences, such as anatomy and physiology, and in commerce and industry. The author explains German grammar particularly as it is used in modern scientific and research papers. He introduces the concept of separable and inseparable compounds and explains sample uses. Like in English, he also explains how words are compounded and constructed in the German language. German punctuation is also noted. The book discusses irregular verbs that can be grouped into 14 sections. A particular section that can prove useful is a list of abbreviations and their meanings as these are used in German scientific and

technical papers. A dictionary, a table of irregular verbs, and other conversion tables are available at the end of this book. This collection can be immensely useful for translators, librarians, researchers in science, students learning German, as well as foreign people conducting business and government affairs in Germany.

Negotiation and Argumentation in Multi-Agent Systems Cengage Learning

This volume contains selected and revised papers from the Sixth Thematic Workshop of the EU Network of Excellence DELOS on Digital Library Architectures, which was held in S. Margherita di Pula (Cagliari), Italy, 24–25 June 2004.

The Commonwealth and International Library of Science Technology Engineering and Liberal Studies Springer

This book features research on the innovative applications of advanced computational intelligence

paradigms. Coverage includes architectures of computational intelligence paradigms, knowledge discovery, pattern classification, and gene linkage analysis.

Handbook on Interactive Storytelling Springer

The Handbook of the Psychology of Communication Technology offers an unparalleled source for seminal and cutting-edge research on the psychological aspects of communicating with and via emergent media technologies, with leading scholars providing insights that advance our knowledge on human-technology interactions. • A uniquely focused review of extensive research on technology and digital media from a psychological perspective • Authoritative chapters by leading scholars studying psychological aspects of communication technologies • Covers all forms of media from Smartphones to Robotics, from Social Media to Virtual Reality • Explores the psychology behind our use and abuse of modern communication technologies • New theories and empirical findings about ways in which our lives are transformed by digital media