

Paper Database

This volume consists of a collection of 28 papers presented at the NATO Advanced Study Institute held July 14-27, 1985 in the beautiful resort at Les Arcs, France. The director of this ASI was A. K. Sood and A. H. Qureshi was the co-director. Since its introduction in the early 1970s the relational data model has been widely accepted. Several research and industrial efforts are being undertaken to develop special purpose database machines to implement the relational model. In addition, database machines are being explored for applications such as image processing and information retrieval. In this NATO-ASI the lecturers discussed special purpose database machine architectures from the viewpoint of architecture and hardware detail, software, user needs, theoretical framework and applications. The papers presented were of two types - regular papers and short papers. The research in database machines is being conducted in several countries. This fact is under scored when it is noted that papers in this volume are authored by researchers in France, Germany, Italy, Japan, Portugal, Turkey, U.K. and U.S.A. The first paper discusses the experience and applications of users with a commercially available database machine. In the following eight papers the characteristics of six database machines are discussed. The second, third and fourth papers deal with the RDBM project at the Technical University of Braunschweig (Germany). Zeidler discusses the design objectives, architecture and system design of RDBM. Teich presents the hardware utilized for sorting.

th 2002 DEXA, the 13 International Conference on Database and Expert Systems Applications was held on September 2–6, 2002, at the Université Aix–Marseille II, France. The quickly growing field of information systems required the establishment of more specialized discussion platforms (the DaWaK conference, EC-Web conference, eGOV conference and DEXA workshops), and there were held in parallel with DEXA, also in Aix-en-Provence. The resulting book was prepared with great effort. Starting with the preparation of submitted papers, the papers went through the reviewing process. The accepted papers were revised to final versions by their authors and arranged to the conference program. This year 241 papers were submitted and our thanks go to all who have contributed. The program committee and the supporting reviewers produced altogether about 730 referee reports, on average three reports per paper, and selected 89 papers for presentation. The papers presented here encompass the extensive domain of databases; together with the other conferences and workshops of the DEXA event cluster a vast part of applied computer science was covered. In this way DEXA has blazed the trail. At this point we would like to acknowledge to all institutions which actively supported this conference and made it possible. These are: • IUT (Université Aix – Marseille II), • FAW, • DEXA Association, • the Austrian Computer Society, • and Microsoft Research

This volume contains selected and invited papers presented at ICCI '90. Topics range over theory of computing, algorithms and programming, data and software engineering, computer architecture, concurrency, parallelism, communication and networking. Distributed and Parallel Database Object Management brings together in one place important contributions and state-of-the-art research results in this rapidly advancing area

of computer science. Distributed and Parallel Database Object Management serves as an excellent reference, providing insights into some of the most important issues in the field.

A New Database

28th British National Conference on Databases, BNCOD 28, Manchester, UK, July 12-14, 2011, Revised Selected Papers

Database Semantics

Digital Libraries: Universal and Ubiquitous Access to Information

11th International Conference on Asian Digital Libraries, ICADL 2008, Bali, Indonesia, December 2-5, 2008, Proceedings

Information, Uncertainty and Fusion

AI 2003: Advances in Artificial Intelligence

This collection features contributions covering the advances and developments of new high-temperature metallurgical technologies and their applications to the areas of: processing of minerals; extraction of metals; preparation of metallic, refractory, and ceramic materials; treatment and recycling of slag and wastes; conservation of energy; and environmental protection. The volume will have a broad impact on the academics and professionals serving the metallurgical industries around the world by providing them with comprehensive coverage of a wide variety of topics.

This volume contains technical papers and panel position papers selected from the proceedings of the International Symposium on Information Systems and Technologies for Network Society, held together with the IPSJ (information processing society of Japan) National Convention, in September 1997. Papers were submitted from all over the world, especially from Japan, Korea and China. Since these countries are believed to form one of the major computer manufacturing centers in the world, a panel on "Computer Science Education for the 21st Century" was set up. A special session on the Japanese project on Software Engineering invited representative researchers from the project, which is supported by the Ministry of Education, Japan.

This book constitutes the refereed proceedings of the 15th International Conference entitled Beyond Databases, Architectures and Structures, BDAS 2019, held in Ustroń, Poland, in May 2019. It consists of 26 carefully reviewed papers selected from 69 submissions. The papers are organized in topical sections, namely big data and cloud computing; architectures, structures and algorithms for efficient data processing and analysis; artificial intelligence, data mining and knowledge discovery; image analysis and multimedia mining; bioinformatics and biomedical data analysis; industrial applications; networks and security.

Since its first edition in 2003, the XML Database Symposium series (XSym) has been a forum for academics, practitioners, users and vendors, allowing all to discuss the use of and synergy between database management systems and XML. The symposia have provided many opportunities for timely discussions on a broad range of topics pertaining to the theory and practice of XML data management and its

applications. XSym 2010 continued this XSym tradition with a program consisting of 11 papers and a keynote shared with the 36th International Conference on Very Large Data Bases (VLDB 2010). We received 20 paper submissions, out of which 8 papers were accepted as full papers, and 3 as short papers. Each submitted paper underwent a rigorous and careful review by four referees. The contributions in these proceedings are a fine sample of the current research in XML query processing, including XPath satisfiability, approximate joins, pattern matching, linear index construction for trees, dynamic labeling, and XQuery update translation based on schema. The papers focus on recent advances in detecting functional dependencies, modeling complex XML twig pattern output, promoting semantics capability of XML keys, and searchable compression of Microsoft office documents. In addition, we include a paper that shares lessons learned from real XML database development.

Advances in Databases

16th Australian Conference on AI, Perth, Australia, December 3-5, 2003, Proceedings

Semantic Issues in Multimedia Systems

Official Journal of the Paper Industry Technical Association

Distributed and Parallel Database Object Management

Watermarks in Paper in Holland, England, France, Etc., in the XVII and XVIII Centuries and Their Interconnection

Concepts, Methodologies, Tools, and Applications

This book constitutes the proceedings of the 9th International Symposium on Foundations of Information and Knowledge Systems, FolKS 2016, held in Linz, Austria, in March 2016. The 14 revised full papers presented papers were carefully reviewed and selected from 23 submissions. The papers address various topics such as reasoning about beliefs, uncertainty, incompleteness, and inconsistency, inference and problem solving, querying and pattern mining, dealing with knowledge, logics and complexity.

This book constitutes the thoroughly refereed post-conference proceedings of the 28th British National Conference on Databases, BNCOD 28, held in Manchester, UK, in July 2011. The 13 revised full papers, 2 short papers, 2 demo papers and 1 poster paper presented together with the abstracts of 2 keynote talks and 1 tutorial paper were carefully reviewed and selected from 44 submissions. The papers cover a wide range of topics such as XML compression, XML updates, column-oriented stores, provenance, warehousing, streamed data, data mashups, dataspace, sensor network query processing, and pattern-oriented search.

A standard work. The extensive introduction contains an alphabetical List of Dutch papermakers, a list of French paper-makers who worked for the Dutch market, and a list of British paper-makers and mills. At the end a survey of particulars concerning the watermarks in question. The corpus of the work is systematically arranged according to motives and contains 578 full size reproductions of watermarks. Quarto. 94 p. cdxxxii p. incl. front., illus. [96 pp. text + 432 pp. illustrations]. Amsterdam: M. Hertzberger, 1935

The latest edition of a popular text and reference on database research, with substantial new material and revision; covers classical literature and recent hot topics. Lessons from database research have been applied in academic fields ranging from

bioinformatics to next-generation Internet architecture and in industrial uses including Web-based e-commerce and search engines. The core ideas in the field have become increasingly influential. This text provides both students and professionals with a grounding in database research and a technical context for understanding recent innovations in the field. The readings included treat the most important issues in the database area--the basic material for any DBMS professional. This fourth edition has been substantially updated and revised, with 21 of the 48 papers new to the edition, four of them published for the first time. Many of the sections have been newly organized, and each section includes a new or substantially revised introduction that discusses the context, motivation, and controversies in a particular area, placing it in the broader perspective of database research. Two introductory articles, never before published, provide an organized, current introduction to basic knowledge of the field; one discusses the history of data models and query languages and the other offers an architectural overview of a database system. The remaining articles range from the classical literature on database research to treatments of current hot topics, including a paper on search engine architecture and a paper on application servers, both written expressly for this edition. The result is a collection of papers that are seminal and also accessible to a reader who has a basic familiarity with database systems.

Professional Project Paper for Curriculum Mapping Database Project

Essays and Other Lumber

I Never Asked to Be the World Best Database Developer

Modern Trends and Applications

Paper

Databases In The 1990s - Proceedings Of The Australian Database Research Conference

Proceedings of the Fifth International Conference on Database Systems for Advanced Applications, Melbourne, April 1-4, 1997

KI 2008 was the 31st Annual German Conference on Artificial Intelligence held September 23-26 at the University of Kaiserslautern and the German Research Center for Artificial Intelligence DFKI GmbH in Kaiserslautern, Germany. The conference series started in 1975 with the German Workshop on AI (GWAI), which took place in Bonn, and represents the first forum of its type for the German AI Community. Over the years AI has become a major field in computer science in Germany involving a number of successful projects that received much international attention. Today KI conferences are international forums where participants from academia and industry from all over the world meet to exchange their recent research results and to discuss trends in the field. Since 1993 the meeting has been called the "Annual German Conference on Artificial Intelligence," designated by the German acronym KI. This volume contains the papers selected out of 77 submissions, including a number of submissions from outside German-speaking countries. In total, 15 submissions (19%) were accepted for oral and 30 (39%) for poster presentation. Oral presentations at the conference were in a single track.

Because of this, the choice of presentation form (oral, poster) was based on how well reviews indicated that the paper would fit into one or the other format. The proceedings allocate the same space to both types of papers. In addition, we selected six papers that show high application potential - describing systems or prototypical implementations of innovative AI technologies. They are also included in this volume as two-page extended abstracts.

Information modelling and knowledge bases have become hot topics, not only in academic communities concerned with information systems and computer science, but also wherever information technology is applied in the world of business. This book presents the proceedings of the 21st European-Japanese Conference on Information Modelling and Knowledge Bases (EJC 2011), held in Tallinn, Estonia, in June 2011. The EJC conferences provide a worldwide forum for researchers and practitioners in the field to exchange results and experiences achieved in computer science and related disciplines such as conceptual analysis, design and specification of information systems, multimedia information modelling, multimedia systems, software engineering, knowledge and process management, cross cultural communication and context modelling. Attention is also paid to theoretical disciplines including cognitive science, artificial intelligence, logic, linguistics and analytical philosophy. The selected papers (16 full papers, 9 short papers, 2 papers based on panel sessions and 2 on invited presentations), cover a wide range of topics, including database semantics, knowledge representation, software engineering, www information management, context-based information retrieval, ontology, image databases, temporal and spatial databases, document data management, process management, cultural modelling and many others. Covering many aspects of system modelling and optimization, this book will be of interest to all those working in the field of information modelling and knowledge bases. This book addresses the gap between innovative technologies and their adoption. It showcases research, feasibility studies and projects that demonstrate a variety of ways to implement environmental sustainability in globally operating firms, as well as best practices in areas such as international management, adoption of cleaner technologies, global supply chains, greenhouse gas emission reduction, and transportation. The book provides state-of-the-art information on issues including: Global sustainable management practices Global sustainable food and agricultural markets Global responsible mining and energy Global sustainable sourcing Global sustainable transportation Global conservation innovations and

investments Presenting expert contributions from industry, government and academia, discussing a variety of themes and perspectives on the topic "international business as a positive force of environmental sustainability" it is a vital resource for stakeholders in the international business community.

Developments in technologies have evolved in a much wider use of technology throughout science, government, and business; resulting in the expansion of geographic information systems. GIS is the academic study and practice of presenting geographical data through a system designed to capture, store, analyze, and manage geographic information. Geographic Information Systems: Concepts, Methodologies, Tools, and Applications is a collection of knowledge on the latest advancements and research of geographic information systems. This book aims to be useful for academics and practitioners involved in geographical data.

8th International Symposium on High-Temperature Metallurgical Processing

Information Modelling and Knowledge Bases XXIII

Digital Geographical Names Database Germany at the 1:250,000 Scale

IEEE Computer Society International Conference

31st Annual German Conference on AI, KI 2008, Kaiserslautern,

Germany, September 23-26, 2008, Proceedings

International Conference on Computing and Information Niagara Falls, Canada, May 23-26, 1990. Proceedings

Consider the problem of a robot (algorithm, learning mechanism) moving along the real line attempting to locate a particular point ? . To assist the mechanism, we assume that it can communicate with an Environment ("Oracle") which guides it with information regarding the direction in which it should go. If the Environment is deterministic the problem is the "Deterministic Point - location Problem" which has been studied rather thoroughly [1]. In its pioneering version [1] the problem was presented in the setting that the Environment could charge the robot a cost which was proportional to the distance it was from the point sought for. The question of having multiple communicating robots locate a point on the line has also been studied [1, 2]. In the stochastic version of this problem, we consider the scenario when the learning mechanism attempts to locate a point in an interval with stochastic (i. e. , possibly erroneous) instead of deterministic responses from the environment. Thus when it should really be moving to the "right" it may be advised to move to the "left" and vice versa. Apart from the problem being of importance in its own right, the stochastic pointlocationproblemalsohas potentialapplications insolvingoptimization problems.

Inmanyoptimizationsolutions—for example in image processing, pattern recognition and neural computing [5, 9, 11, 12, 14, 16, 19], the algorithm works its way from its current solution to the optimal solution based on information that it currently has. A crucial question is one of determining the parameter

which the optimization algorithm should use.

This book constitutes the refereed proceedings of the 11th International Conference on Asian Digital Libraries (ICADL 2008) held in Bali, Indonesia, in December 2008. The objective of this conference series is to provide a forum for presentation of high-quality research in the field of digital libraries. ICADL 2008 provided an opportunity for digital libraries researchers and practitioners in the Asia Pacific area and beyond to gather to explore ideas, exchange and share experiences, and further build the research network in this region. ICADL 2008 was a truly international event, with presenters from 21 countries. A total of 63 papers were accepted for inclusion in the proceedings: 30 full papers, 20 short papers, and extended abstracts of 13 posters. Submissions were subject to a rigorous, blind peer-review process. The research topics cover the spectrum of digital libraries, including multimedia digital libraries, usability and evaluation, information retrieval, ontologies, social tagging, metadata issues, multi- and cross-language retrieval, digital preservation, scholarly publishing and communities, and more. Additionally, three tutorials were offered in association with the conference by Andreas Rauber (Vienna University of Technology), David Bainbridge (University of Waikato), and George Buchanan (Swansea University).

This book of Springer Nature is another proof of Springer's outstanding and greatness on the lively interface of Smart Optimization, Computational Science, Human Intelligence and Machine Learning! It is a Master Piece of what our community of Academics and Experts can provide when an Interdisciplinary Approach of Joint, Mutual and Deep Learning is supported by Modern Mathematics and Experience of the World-Leader Springer Nature! Fourth edition of International Conference on Intelligent Computing and Optimization took place at December 30-31, 2021, via ZOOM. Objective was to celebrate Compassion and Wisdom with researchers, scholars, experts and investigators in Intelligent Computing and Optimization worldwide, to share knowledge, experience, innovation, marvelous opportunity for discourse and mutuality by novel research, invention and creativity. This proceedings book of ICO2021 is published by Springer Nature Quality Label of Excellence.

This volume contains the proceedings of the Fifth International Conference on Database Systems for Advanced Applications (DASFAA '97). DASFAA '97 focused on advanced database technologies and their applications. The 55 papers in this volume cover a wide range of areas in the field of database systems and applications including the rapidly emerging areas of the Internet, multimedia, and document database systems and should be of great interest to all database system researchers and developers, and practitioners.

International Symposium, Sophia Antipolis, France, June 13, 2000. Revised Papers
Paper Technology

Second International Symposium, FolKS 2002 Salzau Castle, Germany, February 20-23, 2002 Proceedings

Database and Expert Systems Applications

Database Systems for Advanced Applications '97

9th International Symposium, FolKS 2016, Linz, Austria, March 7-11, 2016.
Proceedings

Proceedings of the 4th International Conference on Intelligent Computing and Optimization 2021 (ICO2021)

This two volume set LNCS 7238 and LNCS 7239 constitutes the refereed proceedings of the 17th International Conference on Database Systems for Advanced Applications, DASFAA 2012, held in Busan, South Korea, in April 2012. The 44 revised full papers and 8 short papers presented together with 2 invited keynote papers, 8 industrial papers, 8 demo presentations, 4 tutorials and 1 panel paper were carefully reviewed and selected from a total of 159 submissions. The topics covered are query processing and optimization, data semantics, XML and semi-structured data, data mining and knowledge discovery, privacy and anonymity, data management in the Web, graphs and data mining applications, temporal and spatial data, top-k and skyline query processing, information retrieval and recommendation, indexing and search systems, cloud computing and scalability, memory-based query processing, semantic and decision support systems, social data, data mining.

These post-proceedings contain the revised versions of the papers presented at the "Symposium on Objects and Databases" which was held in Sophia-Antipolis, France, June 13, 2000, in conjunction with the Fourteenth European Conference on Object-Oriented Programming, ECOOP 2000. This event continued the tradition established the year before in Lisbon (Portugal) with the First Workshop on Object-Oriented Databases. The goal of the symposium was to bring together researchers working in various corners of the field of objects and databases, to discuss the current state of research in the field and to critically evaluate existing solutions in terms of their current usage, their successes and limitations, and their potential for new applications. The organizing committee received 21 papers which were reviewed by a program committee of people active in the field of objects and databases. There were 3 reviews for each paper, and finally the organizing committee selected 9 long papers, 2 short papers, and a demonstration to be presented and discussed at the symposium. The selected papers cover a wide spectrum of topics, including data modeling concepts, persistent object languages, consistency and integrity of persistent data, storage structures, class versioning and schema evolution, query languages, and temporal object-oriented databases. In addition to the regular papers, the symposium included an invited presentation, given by Prof. Malcolm Atkinson from the University of Glasgow (Scotland) where he heads the Persistence and Distribution Group.

This book presents the joint post-proceedings of five international workshops organized by the Japanese Society for Artificial Intelligence, during the 19th Annual Conference JSAI 2005. The volume includes 5 award winning papers of the main conference, along with 40 revised full workshop papers, covering such topics as logic and engineering of

natural language semantics, learning with logics, agent network dynamics and intelligence, conversational informatics and risk management systems with intelligent data analysis.

The Size of Thoughts, a collection of essays that have appeared in the New Yorker and other publications, includes one never-before-published piece on the world of electronics. The essays celebrate the joy--and exquisite details--of everything from library card catalogs and reading aloud to the significance of wine stains on a tablecloth. Baker turns any subject, from feeding a child to phone sex, into literature with a style that is sparkingly original, frequently beautiful, and always thought-provoking. The Size of Thoughts, through its varied forays into the realms of the overlooked, the underfunded, and the wrongfully scrapped, is a funny book by one of the most distinctive stylists and thinkers of our time.

Information Systems And Technologies For Network Society:
Proceedings Of The Ipsj International Symposium
15th International Conference, BDAS 2019, Ustroń, Poland, May 28 – 31,
2019, Proceedings

Database

Objects and Databases

Advances in Computing and Information - ICCI '90

Financial Technology (FinTech), Entrepreneurship, and Business
Development

17th International Conference, DASFAA 2012, Busan, South Korea, April
15-18, 2012, Proceedings, Part II

Lessons from database research have been applied in academic fields ranging from bioinformatics to next-generation Internet architecture and in industrial uses including Web-based e-commerce and search engines. The core ideas in the field have become increasingly influential. This text provides both students and professionals with a grounding in database research and a technical context for understanding recent innovations in the field. The readings included treat the most important issues in the database area -- the basic material for any DBMS professional. This fourth edition has been substantially updated and revised, with 21 of the 48 papers new to the edition, four of them published for the first time. Many of the sections have been newly organized, and each section includes a new or substantially revised introduction that discusses the context, motivation, and controversies in a particular area, placing it in the broader perspective of database research. Two introductory articles, never before published, provide an organized, current introduction to basic knowledge of the field; one discusses the history of data models and query languages and the other offers an architectural overview of a database system. The remaining articles range from the classical literature on database research to treatments of current hot topics, including a paper on search engine architecture and a paper on application servers, both written expressly for this edition. The result is a collection of papers that are seminal and also accessible

to a reader who has a basic familiarity with database systems.

Database Semantics: Semantic Issues in Multimedia Systems reflects the state of the art of emerging research on the meaning of multimedia information, as presented during IFIP's Eighth Data Semantics Working Conference (DS-8), organized by its Working Group 2.6 on Databases, and held at Rotorua, New Zealand, in January 1999. DS-8 was planned as an active forum for researchers and practitioners focusing on those issues that involve the semantics of the information represented, stored, and manipulated by multimedia systems. Depending on the topic and state of research, issues may be covered either deeply theoretically or quite practically, or even both. These proceedings contain twenty-one papers carefully selected by an International Programme Committee and organized in six thematic areas: Video Data Modelling and Use; Image Databases; Applications of Multimedia Systems; Multimedia Modeling in General; Multimedia Information Retrieval; Semantics and Metadata. For almost every area, important topics and issues include: data modeling and query languages for media such as audio, video, and images; methodological aspects of multimedia database design; intelligent multimedia information retrieval; knowledge discovery and data mining in multimedia information; multimedia user interfaces. Three visionary keynote addresses, by famous experts Ramesh Jain, Hermann Maurer and Masao Sakauchi, set the stage for discussion and future directions for the field. The collection of papers that resulted now offers a glimpse of the excitement and enthusiasm from DS-8. Database Semantics: Semantic Issues in Multimedia Systems is suitable as a secondary text for a graduate-level course on database systems, multimedia systems, or information retrieval systems and as a reference for practitioners and researchers in industry.

I Never Asked To Be The World Best Database Developer ; Some details: 100 pages Perfectly sized - 6" x 9" dimensions. Paperback notebook, soft matte cover Very nice as a gift for various occasions

This volume contains the papers presented at the "Second International Symposium on Foundations of Information and Knowledge Systems" (FoIKS 2002), which was held in Schloß Salzau, Germany from February 20th to 23rd, 2002. FoIKS is a biennial event focusing on theoretical foundations of information and knowledge systems. It aims to bring together researchers working on the theoretical foundations of information and knowledge systems and to attract researchers working in mathematical fields such as discrete mathematics, combinatorics, logics, and finite model theory who are interested in applying their theories to research on database and knowledge base theory. FoIKS took up the tradition of the conference series "Mathematical Fundamentals of Database Systems" (MFDBS) which enabled East-West collaboration in the field of database theory. The first FoIKS symposium was held in Burg, Spreewald (Germany) in 2000. Former MFDBS conferences were held in Dresden (Germany) in 1987, Visegrád (Hungary) in 1989, and in Rostock (Germany) in 1991. Proceedings of these previous events were published by Springer-Verlag as volumes 305, 364, 495, and 1762 of the LNCS series. In addition the FoIKS symposium is intended to be a forum for intensive discussions. For this reason the time slot of long and short contributions is 60 and 30 minutes respectively, followed by 30 and 15 minutes for discussions, respectively.

Furthermore, participants are asked in advance to prepare as correspondents to a contribution of another author. There are also special sessions for the presentation and discussion of open research problems.

13th International Conference, DEXA 2002, Aix-en-Provence, France, September 2-6, 2002. Proceedings

Foundations of Information and Knowledge Systems

Beyond Databases, Architectures and Structures. Paving the Road to Smart Data Processing and Analysis

Database Machines

Digest of Papers - Compcon

IPH Congressbook

Small and Medium Enterprises Across the Globe

Readings in Database Systems MIT Press

This book constitutes the refereed proceedings of the 22 International Conference on Database and Expert Systems Applications, DEXA 2011, held in Toulouse, France, August 29 - September 2, 2011. The 52 revised full papers and 40 short papers presented were carefully reviewed and selected from 207 submissions. The papers are organized in topical sections on query processing; database semantics; skyline queries; security and privacy; spatial and temporal data; semantic web search; storage and search; web search; data integration, transactions and optimization; and web applications.

As we stand at the precipice of the twenty first century the ability to capture and transmit copious amounts of information is clearly a defining feature of the human race. In order to increase the value of this vast supply of information we must develop means for effectively processing it. Newly emerging disciplines such as Information Engineering and Soft Computing are being developed in order to provide the tools required. Conferences such as the International Conference on Information Processing and Management of Uncertainty in Knowledge-based Systems (IPMU) are being held to provide forums in which researchers can discuss the latest developments. The recent IPMU conference held at La Sorbonne in Paris brought together some of the world's leading experts in uncertainty and information fusion. In this volume we have included a selection of papers from this conference. What should be clear from looking at this volume is the number of different ways that are available for representing uncertain information. This variety in representational frameworks is a manifestation of the different types of uncertainty that appear in the information available to the users. Perhaps, the representation with the longest history is probability theory. This representation is best at addressing the uncertainty associated with the occurrence of different values for similar variables. This uncertainty is often described as randomness. Rough sets can be seen as a type of uncertainty that can deal effectively with lack of specificity, it is a powerful tool for manipulating granular information.

Updated to cover the latest program version, this comprehensive guide helps users make the most of FileMaker Pro, the sophisticated workgroup database application with nine million registered users. Offers complete step-by-step guidance on FileMaker Pro features and tasks, covering both the Mac and Windows versions. Features expanded coverage of ODBC, JDBC, and XML connectivity and includes a new chapter on the developer tools used to create more complex databases. Other topics covered include calculations and computations, data exchange, creating and using templates, linking databases, using FileMaker in workgroups, Web publishing, plug-ins, and advanced database connectivity.

7th International XML Database Symposium, XSym 2010, Singapore, September 17, 2010, Proceedings

FileMaker Pro 7 Bible

Database and XML Technologies

Joint JSAI 2005 Workshop Post-Proceedings

22nd International Conference, DEXA 2011, Toulouse, France, August 29 - September 2,
2011, Proceedings

Intelligent Computing & Optimization

New Frontiers in Artificial Intelligence