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Tenth International Workshop on Database and Expert Systems Applications Antonio Cammelli 1999 Proceedings of the September 1999 workshop on defining requirements for future systems in the areas of database and artificial technologies. The 151 contributions discuss innovative applications and new architectures; mobility in databases and distributed systems; similarity search; web-based inform"

Database System Concepts Henry F. Korth 2019-02-19 Database System Concepts by Silberschatz, Korth and Sudarshan is now in its 6th edition and is one of the cornerstone texts of database education. It presents the fundamental concepts of database management in an intuitive manner geared toward allowing students to begin working with databases as quickly as possible. The text is designed for a first course in databases at the junior/senior undergraduate level or the first year graduate level. It also contains additional material that can be used as supplements or as introductory material for an advanced course. Because the authors present concepts as intuitive descriptions, a familiarity with basic data structures, computer organization, and a high-level programming language are the only prerequisites. Important theoretical results are covered, but formal proofs are omitted. In place of proofs, figures and examples are used to suggest why a result is true.

Reasoning Web: Logical Foundation of Knowledge Graph Construction and Query Answering Jeff Z. Pan 2017-02-28 This volume contains some lecture notes of the 12th Reasoning Web Summer School (RW 2016), held in Aberdeen, UK, in September 2016. In 2016, the theme of the school was "Logical Foundation of Knowledge Graph Construction and Query Answering". The notion of knowledge graph has become popular since Google started to use it to improve its search engine in 2012. Inspired by the success of Google, knowledge graphs are gaining momentum in the World Wide Web arena. Recent years have witnessed increasing industrial take-ups by other Internet giants, including Facebook's Open Graph and Microsoft's Satori. The aim of the lecture note is to provide a logical

foundation for constructing and querying knowledge graphs. Our journey starts from the introduction of Knowledge Graph as well as its history, and the construction of knowledge graphs by considering both explicit and implicit author intentions. The book will then cover various topics, including how to revise and reuse ontologies (schema of knowledge graphs) in a safe way, how to combine navigational queries with basic pattern matching queries for knowledge graph, how to setup a environment to do experiments on knowledge graphs, how to deal with inconsistencies and fuzziness in ontologies and knowledge graphs, and how to combine machine learning and machine reasoning for knowledge graphs.

Data Mining: Concepts and Techniques Jiawei Han 2011-06-09 Data Mining: Concepts and Techniques provides the concepts and techniques in processing gathered data or information, which will be used in various applications. Specifically, it explains data mining and the tools used in discovering knowledge from the collected data. This book is referred as the knowledge discovery from data (KDD). It focuses on the feasibility, usefulness, effectiveness, and scalability of techniques of large data sets. After describing data mining, this edition explains the methods of knowing, preprocessing, processing, and warehousing data. It then presents information about data warehouses, online analytical processing (OLAP), and data cube technology. Then, the methods involved in mining frequent patterns, associations, and correlations for large data sets are described. The book details the methods for data classification and introduces the concepts and methods for data clustering. The remaining chapters discuss the outlier detection and the trends, applications, and research frontiers in data mining. This book is intended for Computer Science students, application developers, business professionals, and researchers who seek information on data mining. Presents dozens of algorithms and implementation examples, all in pseudo-code and suitable for use in real-world, large-scale data mining projects Addresses advanced topics such as mining object-relational databases, spatial databases, multimedia databases, time-series databases, text databases, the World Wide Web, and applications in several fields Provides a comprehensive, practical look at the concepts and techniques you need to get the most out of your data

Global Data Management Roberto Baldoni 2006-01-01 " An unforeseen growth of the volume and diversity of the data, content and knowledge is being generated all over the globe. Several factors lead to this growing complexity, among them: Size (the sheer increase in the numbers of knowledge producers and users, and in their production / use capabilities); Pervasiveness (in space and time of knowledge, knowledge producers and users); Dynamicity (new and old knowledge items will appear and disappear virtually at any moment); and Unpredictability (the future dynamics of knowledge are unknown not only at design time but also at run time). The situation is made worse by the fact that the complexity of knowledge grows exponentially with the number of interconnected components. The traditional approach of knowledge management and engineering is top-down and centralised, and depends on fixing at design time what can be expressed and how. Global Data Management is playing a crucial role in the development of our networked distributed society. Its importance has been recognised in the IST

programme since several years, in particular in its long-term research part, Future and Emerging Technologies (FET). Many of the papers included in this book refer to IST and FET projects currently running or recently completed. "

Fundamentals of Database Systems Ramez Elmasri 2007 This edition combines clear explanations of database theory and design with up-to-date coverage of models and real systems. It features excellent examples and access to Addison Wesley's database Web site that includes further teaching, tutorials and many useful student resources.

Database and Expert Systems Applications Kim V. Andersen 2005-08-11 DEXA 2005, the 16th International Conference on Database and Expert Systems Applications, was held at the Copenhagen Business School, Copenhagen, Denmark, from August 22 to 26, 2005. The success of the DEXA series has partly been due to the way in which it has kept abreast of recent developments by spawning specialized workshops and conferences each with its own proceedings. In 2005 the DEXA programme was co-located with the 7th International Conference on Data Warehousing and Knowledge Discovery [DaWaK 2005], the 6th International Conference on Electronic Commerce and Web Technologies [EC-Web 2005], the 4th International Conference on Electronic Government [EGOV 2005], the 2nd International Conference on Trust, Privacy, and Security in Digital Business [TrustBus 2005], the 2nd International Conference on Industrial Applications of Holonic and Multi-agent Systems [HoloMAS 2005], as well as 19 specialized workshops. These proceedings are the result of a considerable amount of hard work. Beginning with the preparation of submitted papers, the papers went through the reviewing process. This process was supported by online discussion between the reviewers to determine the final conference program. The authors of accepted papers revised their manuscripts to produce this fine collection. DEXA 2005 received 390 submissions, and from those the Program Committee selected the 92 papers in these proceedings. This year the reviewing process generated more than 1000 referee reports. The hard work of the authors, the referees and the Program Committee is gratefully acknowledged.

Database Systems for Advanced Applications Lizhu Zhou 2005-04-04 This book constitutes the refereed proceedings of the 10th International Conference on Database Systems for Advanced Applications, DASFAA 2005, held in Beijing, China in April 2005. The 67 revised full papers and 15 revised short papers presented were carefully reviewed and selected from 302 submissions. The papers are organized in topical sections on bioinformatics, water marking and encryption, XML query processing, XML coding and metadata management, data mining, data generation and understanding, music retrieval, query processing in subscription systems, extending XML, Web services, high-dimensional indexing, sensor and stream data processing, database performance, clustering and classification, data warehousing, data mining and Web data processing, moving object databases, temporal databases, semantics, XML update and query patterns, join processing and view management, spatial databases, enhancing database services, recovery and correctness, and XML databases and indexing.

Operating System Concepts Abraham Silberschatz 2018-01-18 The tenth edition of Operating System Concepts has been revised to keep it fresh and up-to-date with contemporary examples of how operating systems function, as well as enhanced interactive elements to improve learning and the student's experience with the material. It combines instruction on concepts with real-world applications so that students can understand the practical usage of the content. End-of-chapter problems, exercises, review questions, and programming exercises help to further reinforce important concepts. New interactive self-assessment problems are provided throughout the text to help students monitor their level of understanding and progress. A Linux virtual machine (including C and Java source code and development tools) allows students to complete programming exercises that help them engage further with the material. The Enhanced E-Text is also available bundled with an abridged print companion and can be ordered by contacting customer service here: ISBN: 9781119456339 Price: $97.95 Canadian Price: $111.50

Database and Expert Systems Applications Trevor Bench-Capon 2003-07-31 The Database and Expert Systems Applications (DEXA) conferences bring together researchers and practitioners from all over the world to exchange ideas, experiences and opinions in a friendly and stimulating environment. The papers are at once a record of what has been achieved and the first steps towards shaping the future of information systems. DEXA covers a broad field, and all aspects of database, knowledge base and related technologies and their applications are represented. Once again there were a good number of submissions: 241 papers were submitted and of these the programme committee selected 103 to be presented. DEXA'99 took place in Florence and was the tenth conference in the series, following events in Vienna, Berlin, Valencia, Prague, Athens, London, Zurich, Toulouse and Vienna. The decade has seen many developments in the areas covered by DEXA, developments in which DEXA has played its part. I would like to express thanks to all the institutions which have actively supported and made possible this conference, namely: • University of Florence, Italy • IDG CNR, Italy • FAW – University of Linz, Austria • Austrian Computer Society • DEXA Association In addition, we must thank all the people who have contributed their time and effort to make the conference possible. Special thanks go to Maria Schweikert (Technical University of Vienna), M. Neubauer and G. Wagner (FAW, University of Linz). We must also thank all the members of the programme committee, whose careful reviews are important to the quality of the conference.

Reliability, Maintainability and Risk David J. Smith 2011-06-29 Reliability, Maintainability and Risk: Practical Methods for Engineers, Eighth Edition, discusses tools and techniques for reliable and safe engineering, and for optimizing maintenance strategies. It emphasizes the importance of using reliability techniques to identify and eliminate potential failures early in the design cycle. The focus is on techniques known as RAMS (reliability, availability, maintainability, and safety-integrity). The book is organized into five parts. Part 1 on reliability parameters and costs traces the history of reliability and safety technology and presents a cost-effective approach to

quality, reliability, and safety. Part 2 deals with the interpretation of failure rates, while Part 3 focuses on the prediction of reliability and risk. Part 4 discusses design and assurance techniques; review and testing techniques; reliability growth modeling; field data collection and feedback; predicting and demonstrating repair times; quantified reliability maintenance; and systematic failures. Part 5 deals with legal, management and safety issues, such as project management, product liability, and safety legislation. 8th edition of this core reference for engineers who deal with the design or operation of any safety critical systems, processes or operations Answers the question: how can a defect that costs less than $1000 dollars to identify at the process design stage be prevented from escalating to a $100,000 field defect, or a $1m+ catastrophe Revised throughout, with new examples, and standards, including must have material on the new edition of global functional safety standard IEC 61508, which launches in 2010

Database Theory – ICDT 2007 Thomas Schwentick 2006-12-21 This book constitutes the refereed proceedings of the 11th International Conference on Database Theory, ICDT 2007, held in Barcelona, Spain in January 2007. The 25 revised papers presented together with 3 invited papers were carefully reviewed and selected from 111 submissions. The papers are organized in topical sections on information integration and peer to peer, axiomatizations for XML, expressive power of query languages, incompleteness, inconsistency, and uncertainty, XML schemas and typechecking, stream processing and sequential query processing, ranking, XML update and query, as well as query containment.

Biostatistics Wayne W. Daniel 2018-11-13 The ability to analyze and interpret enormous amounts of data has become a prerequisite for success in allied healthcare and the health sciences. Now in its 11th edition, Biostatistics: A Foundation for Analysis in the Health Sciences continues to offer in-depth guidance toward biostatistical concepts, techniques, and practical applications in the modern healthcare setting. Comprehensive in scope yet detailed in coverage, this text helps students understand—and appropriately use—probability distributions, sampling distributions, estimation, hypothesis testing, variance analysis, regression, correlation analysis, and other statistical tools fundamental to the science and practice of medicine. Clearly-defined pedagogical tools help students stay up-to-date on new material, and an emphasis on statistical software allows faster, more accurate calculation while putting the focus on the underlying concepts rather than the math. Students develop highly relevant skills in inferential and differential statistical techniques, equipping them with the ability to organize, summarize, and interpret large bodies of data. Suitable for both graduate and advanced undergraduate coursework, this text retains the rigor required for use as a professional reference.

Current Trends in Database Technology - EDBT 2006 Torsten Grust 2006-10-10 This book constitutes the thoroughly refereed joint post-proceedings of nine workshops held as part of the 10th International Conference on Extending Database Technology, EDBT 2006, held in Munich, Germany in March 2006. The 70

revised full papers presented were selected from numerous submissions during two rounds of reviewing and revision.

Learning SQL Alan Beaulieu 2009-04-11 Updated for the latest database management systems -- including MySQL 6.0, Oracle 11g, and Microsoft's SQL Server 2008 -- this introductory guide will get you up and running with SQL quickly. Whether you need to write database applications, perform administrative tasks, or generate reports, Learning SQL, Second Edition, will help you easily master all the SQL fundamentals. Each chapter presents a self-contained lesson on a key SQL concept or technique, with numerous illustrations and annotated examples. Exercises at the end of each chapter let you practice the skills you learn. With this book, you will: Move quickly through SQL basics and learn several advanced features Use SQL data statements to generate, manipulate, and retrieve data Create database objects, such as tables, indexes, and constraints, using SQL schema statements Learn how data sets interact with queries, and understand the importance of subqueries Convert and manipulate data with SQL's built-in functions, and use conditional logic in data statements Knowledge of SQL is a must for interacting with data. With Learning SQL, you'll quickly learn how to put the power and flexibility of this language to work.

Database Programming Languages Gavin Bierman 2005-12-14 This book constitutes the thoroughly refereed post-proceedings of the 10th International Workshop on Database Programming Languages, DBPL 2005, held in Trondheim, Norway in August 2005 in conjunction with VLDB 2005 and in coordination with the XML Database Symposium, XSym 2005. The 17 revised full papers presented together with an invited paper were carefully selected during two round of reviewing and revision from 63 submissions. The papers are organized in topical sections on XML languages, XML and P2P data integration, XML query languages, types and XML, grammars, automata, and tree, as well as dependencies and constraints.

Database Systems Hector Garcia-Molina 2011-11-21 This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Database Systems: The Complete Book is ideal for Database Systems and Database Design and Application courses offered at the junior, senior and graduate levels in Computer Science departments. A basic understanding of algebraic expressions and laws, logic, basic data structure, OOP concepts, and programming environments is implied. Written by well-known computer scientists, this introduction to database systems offers a comprehensive approach, focusing on database design, database use, and implementation of database applications and database management systems. The first half of the book provides in-depth coverage of databases from the point of view of the database designer, user, and application programmer. It covers the latest database standards SQL:1999, SQL/PSM, SQL/CLI, JDBC, ODL, and XML, with broader coverage of SQL than most other texts. The second half of the book provides in-depth coverage of databases from the point of view of the DBMS implementor. It focuses on storage structures, query processing, and transaction management. The book covers the main techniques in

these areas with broader coverage of query optimization than most other texts, along with advanced topics including multidimensional and bitmap indexes, distributed transactions, and information integration techniques.

Flexible Query Answering Systems Henrik Legind Larsen 2013-08-28 This book constitutes the refereed proceedings of the 10th International Conference on Flexible Query Answering Systems, FQAS 2013, held in Granada, Spain, in September 2013. The 59 full papers included in this volume were carefully reviewed and selected from numerous submissions. The papers are organized in a general session train and a parallel special session track. The general session train covers the following topics: querying-answering systems; semantic technology; patterns and classification; personalization and recommender systems; searching and ranking; and Web and human-computer interaction. The special track covers some specific and, typically, newer fields, namely: environmental scanning for strategic early warning; generating linguistic descriptions of data; advances in fuzzy querying and fuzzy databases: theory and applications; fusion and ensemble techniques for online learning on data streams; and intelligent information extraction from texts.

Intelligent Information and Database Systems Ngoc Thanh Nguyen 2018-03-03 The two-volume set LNAI 10751 and 10752 constitutes the refereed proceedings of the 10th Asian Conference on Intelligent Information and Database Systems, ACIIDS 2018, held in Dong Hoi City, Vietnam, in March 2018. The total of 133 full papers accepted for publication in these proceedings was carefully reviewed and selected from 423 submissions. They were organized in topical sections named: Knowledge Engineering and Semantic Web; Social Networks and Recommender Systems; Text Processing and Information Retrieval; Machine Learning and Data Mining; Decision Support and Control Systems; Computer Vision Techniques; Advanced Data Mining Techniques and Applications; Multiple Model Approach to Machine Learning; Sensor Networks and Internet of Things; Intelligent Information Systems; Data Structures Modeling for Knowledge Representation; Modeling, Storing, and Querying of Graph Data; Data Science and Computational Intelligence; Design Thinking Based R&D, Development Technique, and Project Based Learning; Intelligent and Contextual Systems; Intelligent Systems and Algorithms in Information Sciences; Intelligent Applications of Internet of Thing and Data Analysis Technologies; Intelligent Systems and Methods in Biomedicine; Intelligent Biomarkers of Neurodegenerative Processes in Brain; Analysis of Image, Video and Motion Data in Life Sciences; Computational Imaging and Vision; Computer Vision and Robotics; Intelligent Computer Vision Systems and Applications; Intelligent Systems for Optimization of Logistics and Industrial Applications.

Business Intelligence and Analytics: Systems for Decision Support PDF eBook, Global Edition Efraim Turban 2014-09-10 Appropriate for all courses in Decision Support Systems (DSS), computerised decision making tools, and management support systems. Decision Support and Business Intelligence Systems provides the only comprehensive, up-to-date guide to today's revolutionary management support system technologies, and showcases how they can be used for better

decision-making. The 10th edition focuses on Business Intelligence (BI) and analytics for enterprise decision support in a more streamlined book. In addition to traditional decision support applications, this edition expands the reader's understanding of the various types of analytics by providing examples, products, services, and exercises by discussing Web-related issues throughout the text. The full text downloaded to your computer With eBooks you can: search for key concepts, words and phrases make highlights and notes as you study share your notes with friends eBooks are downloaded to your computer and accessible either offline through the Bookshelf (available as a free download), available online and also via the iPad and Android apps. Upon purchase, you'll gain instant access to this eBook. Time limit The eBooks products do not have an expiry date. You will continue to access your digital ebook products whilst you have your Bookshelf installed.

Advanced Database Systems Peter M.D. Gray 1992-06-24 The theme of this book is the potential of new advanced database systems. The volume presents the proceedings of the 10th British National Conference on Databases, held in Aberdeen, Scotland, in July 1992. The volume contains two invited papers, one on the promise of distributed computing andthe challenges of legacy systems by M.L. Brodie, and the other on object-oriented requirements capture and analysis and the Orca project by D.J.L. Gradwell. The following four parts each contain three submitted papers selected from a total of 36 submissions. The parts are entitled: - Object-oriented databases - Parallel implementationsand industrial systems - Non-relational data models - Logic programming and databases

Semantic Web Information Management Roberto de Virgilio 2010-01-08 Databases have been designed to store large volumes of data and to provide efficient query interfaces. Semantic Web formats are geared towards capturing domain knowledge, interlinking annotations, and offering a high-level, machine-processable view of information. However, the gigantic amount of such useful information makes efficient management of it increasingly difficult, undermining the possibility of transforming it into useful knowledge. The research presented by De Virgilio, Giunchiglia and Tanca tries to bridge the two worlds in order to leverage the efficiency and scalability of database-oriented technologies to support an ontological high-level view of data and metadata. The contributions present and analyze techniques for semantic information management, by taking advantage of the synergies between the logical basis of the Semantic Web and the logical foundations of data management. The book's leitmotif is to propose models and methods especially tailored to represent and manage data that is appropriately structured for easier machine processing on the Web. After two introductory chapters on data management and the Semantic Web in general, the remaining contributions are grouped into five parts on Semantic Web Data Storage, Reasoning in the Semantic Web, Semantic Web Data Querying, Semantic Web Applications, and Engineering Semantic Web Systems. The handbook-like presentation makes this volume an important reference on current work and a source of inspiration for future development, targeting academic and industrial researchers as well as graduate students in Semantic Web technologies or database design.

Agent and Multi-Agent Systems: Technology and Applications Gordan Jezic 2016-06-13 The modern economy is driven by technologies and knowledge. Digital technologies can free, shift and multiply choices, often intruding on the space of other industries, by providing new ways of conducting business operations and creating values for customers and companies. The topics covered in this volume include software agents, multi-agent systems, agent modelling, mobile and cloud computing, big data analysis, business intelligence, artificial intelligence, social systems, computer embedded systems and nature inspired manufacturing, etc. that contribute to the modern Digital Economy. This volume highlights new trends and challenges in agent, new digital and knowledge economy research and includes 28 papers classified in the following specific topics: business process management, agent-based modeling and simulation, anthropic-oriented computing, learning paradigms, business informatics and gaming, digital economy, and advances in networked virtual enterprises. Published papers were selected for presentation at the 10th KES Conference on Agent and Multi-Agent Systems: Technologies and Applications (KES-AMSTA 2016) held in Puerto de la Cruz, Tenerife, Spain. Presented results would be of theoretical and practical value to researchers and industrial practitioners working in the fields of artificial intelligence, collective computational intelligence, innovative business models, new digital and knowledge economy and, in particular, agent and multi-agent systems, technologies, tools and applications.

Industrial and Engineering Applications of Artificial Intelligence and Expert Systems Manton Matthews 2020-01-08 This book presents the Proceedings of the Tenth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems, focusing on the theoretical aspects of intelligent systems research as well as extensions of theory of intelligent thinking machines.

Foundations of Intelligent Systems Zbigniew W. Ras 1997-09-29 This book constitutes the refereed proceedings of the 10th International Symposium on Methodologies for Intelligent Systems, ISMIS'97, held in Charlotte, NC, USA, in October 1997. The 57 revised full papers were selected from a total of 117 submissions. Also included are four invited papers. Among the topics covered are intelligent information systems, approximate reasoning, evolutionary computation, knowledge representation and integration, learning and knowledge discovery, AI-Logics, discovery systems, data mining, query processing, etc.

Semantics in Databases Bernhard Thalheim 1998-02-25 This book presents a coherent suvey on exciting developments in database semantics. The origins of the volume date back to a workshop held in Prague, Czech Republic, in 1995. The nine revised full papers and surveys presented were carefully reviewed for inclusion in the book. They address more traditional aspects like dealing with integrity constraints and conceptual modeling as well as new areas of databases; object-orientation, incomplete information, database transformations and other issues are investigated by applying formal semantics, e.g. the evolving algebra semantics.

System Engineering Analysis, Design, and Development Charles S. Wasson 2015-11-16 Praise for the first edition: "This excellent text will be useful to everysystem engineer (SE) regardless of the domain. It covers ALLrelevant SE material and does so in a very clear, methodicalfashion. The breadth and depth of the author's presentation ofSE principles and practices is outstanding." —Philip Allen This textbook presents a comprehensive, step-by-step guide toSystem Engineering analysis, design, and development via anintegrated set of concepts, principles, practices, andmethodologies. The methods presented in this text apply to any typeof human system -- small, medium, and large organizational systemsand system development projects delivering engineered systems orservices across multiple business sectors such as medical,transportation, financial, educational, governmental, aerospace anddefense, utilities, political, and charity, among others. Provides a common focal point for "bridgingthe gap" between and unifying System Users, System Acquirers,multi-discipline System Engineering, and Project, Functional, andExecutive Management education, knowledge, and decision-making fordeveloping systems, products, or services Each chapter provides definitions of key terms,guiding principles, examples, author's notes, real-worldexamples, and exercises, which highlight and reinforce key SE&Dconcepts and practices Addresses concepts employed in Model-BasedSystems Engineering (MBSE), Model-Driven Design (MDD), UnifiedModeling Language (UMLTM) / Systems Modeling Language(SysMLTM), and Agile/Spiral/V-Model Development such asuser needs, stories, and use cases analysis; specificationdevelopment; system architecture development; User-Centric SystemDesign (UCSD); interface definition & control; systemintegration & test; and Verification & Validation(V&V) Highlights/introduces a new 21st Century SystemsEngineering & Development (SE&D) paradigm that is easy tounderstand and implement. Provides practices that are critical stagingpoints for technical decision making such as Technical StrategyDevelopment; Life Cycle requirements; Phases, Modes, & States;SE Process; Requirements Derivation; System ArchitectureDevelopment, User-Centric System Design (UCSD); EngineeringStandards, Coordinate Systems, and Conventions; et al. Thoroughly illustrated, with end-of-chapter exercises andnumerous case studies and examples, Systems EngineeringAnalysis, Design, and Development, Second Edition is a primarytextbook for multi-discipline, engineering, system analysis, andproject management undergraduate/graduate level students and avaluable reference for professionals.

Flexible Query Answering Systems Troels Andreasen 1998-09-09 This book constitutes the thoroughly refereed post-workshop proceedings of the Third International Conference on Flexible Query Answering Systems, FQAS'98, held in Roskilde, Denmark, in May 1998. The 32 revised papers presented were carefully reviewed and went through two rounds of selection for inclusion in the proceedings. This book is the first one focused on flexible query answering systems; this emerging area of research and development builts on results from mathematical logic, fuzzy logic, various database paradigms, information retrieval, linguistics, and human computer-interaction. The papers deal with issues occuring in querying databases and the Internet.

Essentials of Database Management Jeffrey A. Hoffer 2013-06-17 Readers who want an up-to-date overview of database development and management. Focusing on the topics that leading database practitioners say are most important, Essentials of Database Management presents a concise overview designed to ensure practical success for database professionals. Built upon the strong foundation of Modern Database Management, currently in its eleventh edition, the new Essentials of Database Management is ideal for a less-detailed approach. Like its comprehensive counterpart, it guides readers into the future by presenting research that could reveal the "next big thing" in database management. And it features up-to-date coverage in the areas undergoing rapid change due to improved managerial practices, database design tools and methodologies, and database technology.

Flexible Query Answering Systems Henrik L. Larsen 2012-08-27 This volume constitutes the proceedings of the Fourth International Conference on Flexible Query Answering Systems, FQAS'2000, held in Warsaw, Poland on October 25 - 28, 2000. The FQAS conference has been the premier conference focusing on one of key issues that the information society faces, namely that of providing easy, flexible, intuitive access to information for everybody. In targeting this issue, the conference draws on several research areas, such as databases, querying, information retrieval, knowledge representation, soft computing, cyberspace, multimedia systems, human-computer interaction, etc. FQAS'2000 has been preceded by the extremely successful FQAS'94, FQAS'96 and FQAS'98 conferences all held in Roskilde, Denmark. The present conference provides a unique opportunity for researchers, developers and practitioners to explore new ideas and approaches in a multidisciplinary forum. As a metaphor for flexible query answering we may consider a human intermediary who has expertise in the topic of the query, and is experienced in identifying the user's information needs and answering the needs from the available information resources. The use of knowledge on relevant contexts, available information resources, etc. , enables the expert to respond rather precisely to the needs, though the query, per se, may be imprecise, incomplete, etc. Thus, a key issue for flexible query answering system is to obtain, maintain, represent, and utilize such knowledge. This comprises domain knowledge and metaknowledge, its representation and organization in ontologies, terminologies, etc.

XML Data Mining: Models, Methods, and Applications Tagarelli, Andrea 2011-11-30 The widespread use of XML in business and scientific databases has prompted the development of methodologies, techniques, and systems for effectively managing and analyzing XML data. This has increasingly attracted the attention of different research communities, including database, information retrieval, pattern recognition, and machine learning, from which several proposals have been offered to address problems in XML data management and knowledge discovery. XML Data Mining: Models, Methods, and Applications aims to collect knowledge from experts of database, information retrieval, machine learning, and knowledge management communities in developing models, methods, and systems for XML data mining. This book addresses key issues and challenges in XML data mining, offering insights into the various existing solutions and best

practices for modeling, processing, analyzing XML data, and for evaluating performance of XML data mining algorithms and systems.

Learning MySQL and MariaDB Russell J.T. Dyer 2015-03-30 "With an easy, step-by-step approach, this guide shows beginners how to install, use, and maintain the world's most popular open source database: MySQL. You'll learn through real-world examples and many practical tips, including information on how to improve database performance. Database systems such as MySQL help data handling for organizations large and small handle data, providing robust and efficient access in ways not offered by spreadsheets and other types of data stores. This book is also useful for web developers and programmers interested in adding MySQL to their skill sets. Topics include: Installation and basic administration ; Introduction to databases and SQL ; Functions, subqueries, and other query enhancements ; Improving database performance ; Accessing MySQL from popular languages" --

Valuepack Thomas Connolly 2005-08-01

A Guide to SQL Philip J. Pratt 2009 A GUIDE TO SQL, 8E, International Edition continues to be the essential SQL reference. It builds on the success of previous editions by presenting basic SQL commands in the context of a running case in which a business uses SQL to manage orders, parts, customers, and sales reps. The book covers the fundamentals of SQL programming using straightforward instruction and extensive hands-on exercises. Continuing with its focus on learning the basics regardless of the database environment chosen, this edition features examples from the latest databases: Oracle 11g, Access 2007, and MySQL. The eighth edition expands on the use of running case studies by adding a third running case to the extensive hands-on pedagogy at the end of every chapter.

Fundamentals of Database Systems Ramez Elmasri 2004 This is a revision of the market leading book for providing the fundamental concepts of database management systems. - Clear explaination of theory and design topics- Broad coverage of models and real systems- Excellent examples with up-to-date introduction to modern technologies- Revised to include more SQL, more UML, and XML and the Internet

Logic Programming and Nonmonotonic Reasoning Esra Erdem 2009-08-31 This volume contains the proceedings of the 10th International Conference on Logic Programming and Nonmonotonic Reasoning (LPNMR 2009), held during September 14–18, 2009 in Potsdam, Germany. LPNMR is a forum for exchanging ideas on declarative logic programming, nonmonotonic reasoning and knowledge representation. The aim of the c- ference is to facilitate interaction between researchers interested in the design and implementation of logic-based programming languages and database s- tems, and researchers who work in the areas of knowledge representation and nonmonotonic reasoning. LPNMR strives to encompass theoretical and expe- mental studies that have led or will lead to the construction of practical systems for declarative programming and knowledge

representation. The special theme of LPNMR 2009 was "Applications of Logic Progr- ming and Nonmonotonic Reasoning" in general and "Answer Set Programming (ASP)" in particular. LPNMR 2009 aimed at providing a comprehensive survey of the state of the art of ASP/LPNMR applications. The special theme was re?ected by dedicating an entire dayof the conference to applications. Apart from special sessions devoted to original and signi?cant ASP/LPNMR applications, we solicited contributions providing an overview of existing successful applications of ASP/LPNMR systems. The presentations on applications were accompanied by two panels, one on existing and another on future applications of ASP/LPNMR.

Modern Database Management Fred R. McFadden 1999 The fifth edition of Modern Database Management has been updated to reflect the most current database content available. It provides sound, clear, and current coverage of the concepts, skills, and issues needed to cope with an expanding organisational resource. While sufficient technical detail is provided, the emphasis remains on management and implementation issues pertinent in a business information systems curriculum.

Accounting Information Systems Ulric J. Gelinas 2014-06-01 Owners and managers rely on today's accounting professional to identify and monitor enterprise risks and to provide quality assurance for a company's information systems. ACCOUNTING INFORMATION SYSTEMS, 10E focuses on three critical accounting information systems in use today: enterprise systems, e-Business systems, and controls for maintaining those systems. The text fully explores the integrated nature of AIS with its foundations in information technology, business processes, strategic management, security, and internal controls. Students will easily grasp even the most challenging subjects as they explore today's most intriguing AIS topics discussed in a conversational and relaxed tone rather than complex technical language. The tenth edition provides students with the necessary tools for organizing and managing information to help them succeed and protect the integrity of their employer's information system. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Database Principles Stephen Morris 2012-03-13 Practical and easy to understand Database Principles: Fundamentals of Design, Implementation, and Management, 10/e, International Edition gives readers a solid foundation in database design and implementation. Filled with visual aids such as diagrams, illustrations, and tables, this market-leading book provides in-depth coverage of database design, demonstrating that the key to successful database implementation is in proper design of databases to fit within a larger strategic view of the data environment. Renowned for its clear, straightforward writing style, the tenth edition has been thoroughly updated to include hot topics such as green computing/sustainability for modern data centers, the role of redundant relationships, and examples of web-database connectivity and code security. In addition, new review questions, problem sets, and cases have been added throughout the book so that readers have multiple opportunities to test their

understanding and develop real and useful design skills.

Modern Database Management, Global Edition Jeffrey A. Hoffer 2019-06-17 For courses in database management. A comprehensive text on the latest in database development Focusing on what leading database practitioners say are the most important aspects to database development, Modern Database Management presents sound pedagogy and topics that are critical for the practical success of database professionals. The 13th Edition updates and expands materials in areas undergoing rapid change as a result of improved managerial practices, database design tools and methodologies, and database technology - such as application security, multi-user solutions, and more - to reflect major trends in the field and the skills required of modern information systems graduates. The full text downloaded to your computer With eBooks you can: search for key concepts, words and phrases make highlights and notes as you study share your notes with friends eBooks are downloaded to your computer and accessible either offline through the Bookshelf (available as a free download), available online and also via the iPad and Android apps. Upon purchase, you will receive via email the code and instructions on how to access this product. Time limit The eBooks products do not have an expiry date. You will continue to access your digital ebook products whilst you have your Bookshelf installed.