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*Digest of Papers - Compcn Journal of Database Administration Current Trends in Database Technology - EDBT 2004 Workshops Learning SQL Database Tuning Readings in Database Systems The CONSER Project New Frontiers in Artificial Intelligence Database Systems for Advanced Applications '97 Databases for Networks and Minicomputers Handbook of Institutional Pharmacy Practice Inside the IMF Elements of Finite Model Theory Beyond Databases, Architectures and Structures. Paving the Road to Smart Data Processing and Analysis Database Semantics Database Backed Web Sites The Pursuit of Knowledge Citation Analysis and Dynamics of Citation Networks Knowledge-base Assisted Database Retrieval Systems E-metrics for Library and Information Professionals Database Processing The Technology of Data Base Management Systems Database Programming With Visual Basic .NET Advances in Databases Essential Evidence-Based Medicine Online Searching Conceptual Database Design Meta-level Control for Deductive Database Systems Replication Techniques in Distributed Systems Databases and Information Systems IV The Role of Digital Technologies in Shaping the Post-Pandemic World Intelligent Computing & Optimization Using Computers in Legal Research Beginning SQL Server*

*2005 for Developers Complexity Theory in Public Administration Database and Expert Systems Applications Proceedings of the 5th International Conference on Decision Support System Technology – ICDSST 2019 & EURO Mini Conference 2019 New Trends in Databases and Information Systems Enabling Real-Time Business Intelligence Web Search: Public Searching of the Web*

*The authors of this book show how to utilize e-metrics to measure library performance and value in the digital age. Learn how to effectively use the electronic data captured from various network activities to manage library collections, budgets, and services. \* The only truly Beginning level book on the market that is tailored to the needs of aspiring developers with little or no experience. Assumes no prior SQL Server knowledge. \* Explores the new 2005 features fully but also suitable for SQL Server 2000 users. \* The book provides everything an aspiring developer needs to start building SQL Server database applications. This book constitutes the thoroughly refereed joint post-proceedings of five workshops held as part of the 9th International Conference on Extending Database Technology, EDBT 2004, held in Heraklion, Crete, Greece, in March 2004. The 55 revised full papers presented together with 2 invited papers and the summaries of 2 panels were selected from numerous submissions during two rounds of reviewing and revision. In accordance with the topical focus of the respective workshops, the papers are organized in*

*sections on database technology in general (PhD Workshop), database technologies for handling XML information on the Web, pervasive information management, peer-to-peer computing and databases, and clustering information over the Web. Contains papers that present original results in business modeling and enterprise engineering, database research, data engineering, data quality and data analysis, IS engineering, Web engineering, and application of AI methods. From the creator of "Travels With Samantha" and "The Bill Gates Wealth Clock!" comes this title that Internet geeks will know well. At once a book on how to do sites the Greenspun way, and an intermediate/high end tutorial, this book shows how to implement a Relational Database backed Web site. 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.*

*Replication Techniques in Distributed Systems organizes and surveys the spectrum of replication protocols and systems that achieve high availability by replicating entities in failure-prone distributed computing environments. The entities discussed in this book vary from passive untyped data objects,*

*to typed and complex objects, to processes and messages. Replication Techniques in Distributed Systems contains definitions and introductory material suitable for a beginner, theoretical foundations and algorithms, an annotated bibliography of commercial and experimental prototype systems, as well as short guides to recommended further readings in specialized subtopics. This book can be used as recommended or required reading in graduate courses in academia, as well as a handbook for designers and implementors of systems that must deal with replication issues in distributed systems. This book deals with the science of science by applying network science methods to citation networks and uniquely presents a physics-inspired model of citation dynamics. This stochastic model of citation dynamics is based on a well-known copying or recursive search mechanism. The measurements covered in this text yield parameters of the model and reveal that citation dynamics of scientific papers is not linear, as was previously assumed. This nonlinearity has far-reaching consequences including non-stationary citation distributions, diverging citation trajectories of similar papers, and runaways or "immortal papers" with an infinite citation lifespan. The author shows us that nonlinear stochastic models of citation dynamics can be the basis for a quantitative probabilistic prediction of citation dynamics of individual papers and of the overall journal impact factor. This book appeals to students and researchers from differing subject areas working in network science and bibliometrics.*

*Richard C. Atkinson's eight-year tenure as president of the University of California (1995–2003) reflected the major issues facing California itself: the state's emergence as the world's leading knowledge-based economy and the rapidly expanding size and diversity of its population. As this selection of President Atkinson's speeches and papers reveals, his administration was marked by innovative approaches that deliberately shaped U.C.'s role in this changing California. These writings tell the story of the national controversy over the SAT and Atkinson's successful challenge to the dominance of the seventy-five-year-old college entrance examination. They also highlight other issues with national significance: U.C.'s experiments with race-neutral admissions programs; the challenges facing academic libraries and the University's pioneering activities with the California Digital Library; and the University's involvement in new paradigms of industry-university research. Together, these speeches and papers open a window on an eventful period in the history of the nation's leading public research university and the history of American higher education. This database design book provides the reader with a unique methodology for the conceptual and logical design of databases. A step-by-step method is given for developing a conceptual structure for large databases with multiple users. Additionally, the authors provide an up-to-date survey and analysis of existing database design tools. This is an ideal introductory text on Evidence Based Medicine (EBM) for medical students and all health-care professionals. 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. The Handbook of Institutional Pharmacy Practice, 4th Edition is a comprehensive resource that provides both practical and theoretical information on today's pharmacy practices, policies, and teachings. This two volume set LNCS 8055 and LNCS 8056 constitutes the refereed proceedings of the 24th International Conference on Database and Expert Systems Applications, DEXA 2013, held in Prague, Czech Republic, August 23-29, 2013. The 43 revised full papers presented together with 33 short papers, and 3 keynote talks, were carefully reviewed and selected from 174 submissions. These papers discuss a range of topics including: search queries; indexing; discovery of semantics; parallel processing; XML and RDF; enterprise models; query evaluation and optimization; semantic Web; sampling; industrial applications; communities; AI and databases; matching and searching; information extraction; queries, streams, and uncertainty, storage and compression; query processing; security; distributed data processing; metadata modeling and*

*maintenance; pricing and recommending; and security and semantics. In this book, Richard Harper uses the International Monetary Fund as a case study to show how thinking differently about IT systems can dramatically improve the manageability and accessibility of documents in organisations. The systems he considers uses search and retrieval applications, the use of hypertext documents and shared database applications like Lotus Notes. Key Features \**

*Advises how to improve the work processes and computer systems of organizations \* Considers such IT systems as search and retrieval applications, the use of hypertext documents, and shared database applications \* Provides the first study to reveal the inside workings of the IMF \* Utilizes sociological methods to understand the technology which underpins office and commercial life*

*A guide to SQL covers such topics as creating a database, filtering, querying, sets, data generation, grouping, and conditional logic. This book constitutes the refereed proceedings of the 21st IFIP WG 6.11 Conference on e-Business, e-Services, and e-Society, I3E 2022, which took place Newcastle-upon-Tyne, UK, in September 2022. The 37 papers presented in this volume were carefully reviewed and selected from 72 submissions. They were organized in topical sections as follows: Artificial intelligence; Data and Analytics; Careers and ICT; Digital Innovation and Transformation; Electronic Services; Health and Wellbeing; Pandemic; Privacy, Trust and Security. Databases; Vendors - search services; Users of online*

*systems; Performing a search; Terminal equipment; Using microcomputers; The reference process online style; Costs and charging policies; Setting up and managing an online reference service; Education and training; Non-bibliographic databases; Prospects for the future. 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 and information systems technologies have been rapidly evolving in several directions over the past years. New types and kinds of data, new types of applications and information systems to support them raise diverse challenges to be addressed. The so-called big data challenge, streaming data management and processing, social networks and other complex data analysis, including semantic reasoning into information systems supporting for instance trading, negotiations, and bidding mechanisms are just some of the emerging research topics. This volume contains papers contributed by six workshops: ADBIS Workshop on GPUs in Databases (GID 2012), Mining Complex and Stream Data (MCSD'12), International Workshop on Ontologies meet Advanced Information Systems (OAIS'2012), Second Workshop on Modeling Multi-commodity Trade: Data models and processing (MMT'12), 1st ADBIS Workshop on Social Data Processing (SDP'12), 1st ADBIS Workshop on Social and Algorithmic Issues in Business Support (SAIBS), and the Ph.D. Consortium associated with the ADBIS 2012 conference that report on the recent developments and an ongoing research in the aforementioned areas. 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. This report of a study of the CONSER (CONversion of SERials) project begins with an overview of the history of the project. Developments leading to the study are described in the second section, and the third section addresses data gathering through a literature search, a CONSER participants meeting, and interviews. Findings, discussion, and recommendations on the following issues are presented in the fourth section: (1) CONSER name; (2) project definition; (3) goals and objectives; (4) the CONSER database; (5) database records; (6) operations, including quality control, cataloging rules, database maintenance, NACO (Name Authority Cooperative), self-authentication, training, the Linked Systems Project, holdings, and documentation; (7) statistics; (8) costs of CONSER participation; (9) membership; (10) management structure; and (11) the CONSER coordinator. The fifth section contains additional observations on criticisms of CONSER, subject analysis, future serials publishing, database ownership, relationship with other bibliographic utilities, and system independence. The appendix includes the work statement guiding this study, a 32-item selective bibliography, a flyer on the study, an Association of Research Libraries newsletter article on the study, a CONSER participants meeting summary, a list of individuals contacted, recommendations of the report, CONSER goals and objectives, and the CONSER*

*plan of action. (10 references) (MES) This book constitutes the thoroughly refereed conference proceedings of the 5th International Workshop on Business Intelligence for the Real-Time Enterprise, BIRTE 2011, held in Seattle, WA, USA, in September 2011, in conjunction with VLDB 2011, the International Conference on Very Large Data Bases. The series of BIRTE workshops aims to provide a forum for researchers to discuss and advance the foundational science and engineering required to enable real-time business intelligence as well as novel applications and solutions based on these foundational techniques. The volume contains 6 research papers, which have been carefully reviewed and selected from 12 submissions, plus the 3 keynotes presented at the workshop. The topics cover all stages of the business intelligence cycle, including capturing of real-time data, handling of temporal or uncertain data, performance issues, event management, and the optimization of complex ETL workflows. The volume contains 6 research papers, which have been carefully reviewed and selected from 12 submissions, plus the 3 keynotes presented at the workshop. The topics cover all stages of the business intelligence cycle, including capturing of real-time data, handling of temporal or uncertain data, performance issues, event management, and the optimization of complex ETL workflows. This book constitutes the refereed proceedings of the 15th International Conference entitled Beyond Databases, Architectures and Structures, BDAS 2019, held in Ustro?, 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. This book includes the scientific results of the fourth edition of the International Conference on Intelligent Computing and Optimization which took place at December 30–31, 2021, via ZOOM. The conference 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 encloses the original and innovative scientific fields of optimization and optimal control, renewable energy and sustainability, artificial intelligence and operational research, economics and management, smart cities and rural planning, meta-heuristics and big data analytics, cyber security and blockchains, IoTs and Industry 4.0, mathematical modelling and simulation, health care and medicine. This volume is about how to make databases run faster at customer sites, and describes what a person might do who has bought a database management product. The book helps real people solve real problems in*

*that it offers experiments for choosing a system based on how components work. 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. This book reframes theoretical, methodological and practical approaches to public administration by drawing on complexity theory concepts. It aims to provide alternative perspectives on the theory, research and practice of public administration, avoiding assumptions of traditional theory-building. The contributors explain both how ongoing non-linear interactions result in macro patterns becoming established in a complexity-informed world view, and the implications of these dynamics. Complexity theory explains the way in which many repeated non-linear interactions among elements within a whole can result in processes and patterns emerging without design or direction, thus necessitating a reconsideration of the predictability and controllability of many aspects of public administration. As well as illustrating how complexity theory*

*informs new research methods for studying this field, the book also shines a light on the different practices required of public administrators to cope with the complexity encountered in the public policy and public management fields. This book was originally published as a special issue of the Public Management Review journal. Coverage of ADO.NET, including relational databases, Active Directory (LDAP) access, and MessageQueue. Emphasizes the computer science aspects of the subject. Details applications in databases, complexity theory, and formal languages, as well as other branches of computer science. Web Search: Public Searching of the Web, co-authored by Drs. Amanda Spink and Bernard J. Jansen, is one of the first manuscripts that address the human - system interaction of Web searching in a thorough and complete manner. The authors provide an examination of Web searching from multiple levels of analysis, from theoretical overview to detailed study of term usage, and integrate these different levels of analysis into a coherent picture of how people locate information on the Web using search engines. Drawing primarily on their own research and work in the field, the authors present the temporal changes in, the growth of, and the stability of how people interact with Web search engines. Drs. Spink and Jansen present results from an analysis of multiple search engine data sets over a six year period, giving a firsthand account of the emergence of Web searching. They also compare and contrast their findings to the results of other researchers in the field, providing a*

*valuable bibliographic resource. This research is directly relevant to those interested in providing information or services on the Web, along with those who research and study the Web as an information resource. Graduate students, academic and corporate researchers, search engine designers, information architects, and search engine optimizers will find the book of particular benefit. This book discusses the application of some Artificial Intelligence (AI) technologies to database systems. The integration of AI technology and database management has developed into an important research topic, and many AI methods, such as logic programming, natural language understanding, knowledge-bases, etc., have been applied to the development of intelligent database systems capable of deduction, natural language query understanding, cooperative query answering, and substantial query guidance. In this book, the authors review some knowledge-base assisted database access techniques, incorporating techniques to form a new kind of database front-end. The results of these applications are summarized and explained.*

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