1. Record Nr.   UNINA9910483568903321

   Titolo   Flexible and Efficient Information Handling : 23rd British National
                       Conference on Databases, BNCOD 23, Belfast, Northern Ireland, UK, July
                       18-20, 2006, Proceedings / / edited by David Bell, Jun Hong

   Pubbl/distr/stampa Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer,
                       , 2006

   ISBN   3-540-35971-0

   Edizione   [1st ed. 2006.]

   Descrizione fisica 1 online resource (XVI, 296 p.)

   Collana   Lecture Notes in Computer Science, , 1611-3349 ; ; 4042

   Altri autori (Persone) BellDavid
                           HongJun

   Disciplina   005.74

   Soggetti   Data structures (Computer science)
                       Information theory
                       Database management
                       Information storage and retrieval systems
                       Application software
                       Data Structures and Information Theory
                       Database Management
                       Information Storage and Retrieval
                       Computer and Information Systems Applications

   Lingua di pubblicazione Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Note generali   Bibliographic Level Mode of Issuance: Monograph

   Nota di bibliografia   Includes bibliographical references and index.

   Nota di contenuto   Invited Papers -- The Lixto Project: Exploring New Frontiers of Web
                       Data Extraction -- An Overview of a Scalable Distributed Database
                       System SD-SQL Server -- Data Modelling and Architectures and
                       Transaction Management -- Using UML's Sequence Diagrams for
                       Representing Execution Models Associated to Triggers -- An
                       Experimental Consideration of the Use of the TransrelationalTMModel
                       for Data Warehousing -- Reducing Sub-transaction Aborts and Blocking
                       Time Within Atomic Commit Protocols -- Data Integration and
                       Interoperability and Information Retrieval -- Query Translation for
                       Distributed Heterogeneous Structured and Semi-structured Databases
                       -- Information Retrieval Evaluation with Partial Relevance Judgment --
                       Sources of Incompleteness in Grid Publishing -- Query Processing and

Optimization -- Privacy Preservation and Protection by Extending Generalized Partial Indices -- On the Optimal Ordering of Maps, Selections, and Joins Under Factorization -- An I/O Optimal and Scalable Skyline Query Algorithm -- Data Mining -- A Novel Clustering Method Based on Spatial Operations -- A FP-Tree-Based Method for Inverse Frequent Set Mining -- SC-Tree: An Efficient Structure for High-Dimensional Data Indexing -- A Heterogeneous Computing System for Data Mining Workflows -- An Efficient System for Detecting Outliers from Financial Time Series -- Data Warehousing and Decision-Support Systems -- Efficient Update of Data Warehouse Views with Generalised Referential Integrity Differential Files -- SAGA: A Combination of Genetic and Simulated Annealing Algorithms for Physical Data Warehouse Design -- Data Streaming -- Scheduling Strategies and Their Evaluation in a Data Stream Management System -- The Anatomy of a Stream Processing System -- Poster Papers -- Analyzing the Genetic Operations of an Evolutionary QueryOptimizer -- An Evidential Approach to Integrating Semantically Heterogeneous Distributed Databases -- Interoperability and Integration of Independent Heterogeneous Distributed Databases over the Internet -- Trust Obstacle Mitigation for Database Systems -- Towards a More Reasonable Generalization Cost Metric for K-Anonymization -- Verification Theories for XML Schema -- DTD-Driven Structure Preserving XML Compression -- A Scalable Solution to XML View Materialization on the Web -- A Rule-Based Data Warehouse Model -- Enriching Data Warehouse Dimension Hierarchies by Using Semantic Relations -- A Composite Approach for Ontology Mapping -- Towards the Completion of Expressing and Checking Inheritance Constraints in UML -- A New Trajectory Indexing Scheme for Moving Objects on Road Networks.

| Sommario/riassunto | This book constitutes the refereed proceedings of the 23rd British National Conference on Databases, BNCOD 23, held in Belfast, Northern Ireland, July 2006. The volume presents 12 revised full papers and 6 revised short papers, together with 2 invited lectures and 13 poster papers. Topical sections include data modelling and architectures and transaction management, data integration and interoperability and information retrieval, query processing and optimisation, data mining, data warehousing and more. |