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| Descrizione fisica      | 1 online resource (XII, 321 p.)  |
| Collana                 | Information Systems and Applications, incl. Internet/Web, and HCI ; ; 5207   |
| Disciplina              | 004  |
| Soggetti                | Data structures (Computer science)<br>Database management<br>Application software<br>Data mining<br>Information storage and retrieval<br>Multimedia information systems<br>Data Structures and Information Theory<br>Database Management<br>Information Systems Applications (incl. Internet)<br>Data Mining and Knowledge Discovery<br>Information Storage and Retrieval<br>Multimedia Information Systems  |
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| 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 Paper -- Randomization Techniques for Data Mining Methods -- Submitted Papers -- Dynamic Aggregation of Relational Attributes Based on Feature Construction -- HypereiDoc – An XML Based Framework Supporting Cooperative Text Editions, -- Reducing Temporary Trees in XQuery -- Predictive Join Processing between Regions and Moving Objects -- Multiple-Objective Compression of Data Cubes in Cooperative OLAP Environments -- Reference Management in a Loosely Coupled, Distributed Information System -- |

On Top-k Search with No Random Access Using Small Memory -- IDFQ: An Interface for Database Flexible Querying -- Autonomic Databases: Detection of Workload Shifts with n-Gram-Models -- Large Datasets Visualization with Neural Network Using Clustered Training Data -- Efficient Execution of Small (Single-Tuple) Transactions in Main-Memory Databases -- Analysis and Interpretation of Visual Hierarchical Heavy Hitters of Binary Relations -- QUESTO: A Query Language for Uncertain and Exact Spatio-temporal Objects -- Extending Fagin's Algorithm for More Users Based on Multidimensional B-Tree -- Increasing Expressiveness of Composite Events Using Parameter Contexts -- Reclassification of Linearly Classified Data Using Constraint Databases -- Evaluating Performance and Quality of XML-Based Similarity Joins -- Preserving Functional Dependency in XML Data Transformation -- Enabling XPath Optional Axes Cardinality Estimation Using Path Synopses -- Improvement of Data Warehouse Optimization Process by Workflow Gridification -- Towards the Design of a Scalable Email Archiving and Discovery Solution.

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Sommario/riassunto

This book constitutes the refereed proceedings of the 12th East European Conference on Advances in Databases and Information Systems, ADBIS 2008, held in Pori, Finland, on September 5-9, 2008. The 22 revised papers were carefully reviewed and selected from 66 submissions. Topically, the papers span a wide spectrum of the database and information systems field: from query optimisation, and transaction processing via design methods to application oriented topics like XML and data on the web.

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