

1. Record Nr.	UNISA996465883303316
Titolo	Advances in Databases and Information Systems [[electronic resource] ] : 10th East European Conference, ADBIS 2006, Thessaloniki, Greece, September 3-7, 2006, Proceedings // edited by Yannis Manolopoulos, Jaroslav Pokorný, Timos Sellis
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2006
ISBN	3-540-37900-2
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (XVI, 456 p.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 4152
Disciplina	005.74
Soggetti	Database management Information storage and retrieval Application software Multimedia information systems Information technology Business—Data processing Database Management Information Storage and Retrieval Information Systems Applications (incl. Internet) Multimedia Information Systems IT in Business
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 -- Data Ring: Let Us Turn the Net into a Database! -- Future Data Management: "It's Nothing Business; It's Just Personal." -- Scalable Similarity Search in Computer Networks -- XML Databases and Semantic Web -- An XML Algebra for XQuery -- Satisfiability-Test, Rewriting and Refinement of Users' XPath Queries According to XML Schema Definitions -- X-Warehousing: An XML-Based Approach for Warehousing Complex Data -- SDQNET: Semantic Distributed Querying in Loosely Coupled Data Sources -- Materialized Views -- Multi-source Materialized Views Maintenance: Multi-level Views -- Clustering-Based

Materialized View Selection in Data Warehouses -- Non-blocking  
Materialized View Creation and Transformation of Schemas -- Database  
Modelling -- Relationship Design Using Spreadsheet Reasoning for Sets  
of Functional Dependencies -- Modeling and Storing Context-Aware  
Preferences -- An Integrated Framework for Meta Modeling --  
Implementation of UNIDOOR, a Deductive Object-Oriented Database  
System -- Web Information Systems and Middleware -- Preloading  
Browsers for Optimizing Automatic Access to Hidden Web: A Ranking-  
Based Repository Solution -- A Middleware-Based Approach to  
Database Caching -- Integrating Caching Techniques on a Content  
Distribution Network -- Interactive Discovery and Composition of  
Complex Web Services -- Query Processing and Indexing -- Efficient  
Processing SAPE Queries Using the Dynamic Labelling Structural  
Indexes -- ICB-Index: A New Indexing Technique for Continuous Time  
Sequences -- Multiple k Nearest Neighbor Query Processing in Spatial  
Network Databases -- Searching for Similar Trajectories on Road  
Networks Using Spatio-temporal Similarity -- Efficient and Coordinated  
Checkpointing for Reliable Distributed Data Stream Management --  
Data Mining and Clustering -- Towards Automatic Eps Calculation in  
Density-Based Clustering -- Symbolic Music Genre Classification Based  
on Note Pitch and Duration -- PPPA: Push and Pull Pedigree Analyzer  
for Large and Complex Pedigree Databases -- Discovering Emerging  
Topics in Unlabelled Text Collections -- Modelling and Design Issues  
-- Computational Database Technology Applied to Option Pricing Via  
Finite Differences -- A Framework for Merging, Repairing and Querying  
Inconsistent Databases -- An On-Line Reorganization Framework for  
SAN File Systems -- Towards Multimedia Fragmentation -- Content Is  
Capricious: A Case for Dynamic System Generation.

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