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Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 4152
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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
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Livello bibliografico	Monografia
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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.
