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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.