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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Talks -- Topological Queries -- Research Issues in Spatio-temporal Database Systems -- Looking Both Ways: SSD 1999 ± 10 -- Multi-resolution and Scale -- Generalizing Graphs Using Amalgamation and Selection -- Data Structures for Simplicial Multi-complexes -- Spatial Indexing with a Scale Dimension -- Indexing -- XZ-Ordering: A Space-Filling Curve for Objects with Spatial Extension -- GBI: A Generalized R-Tree Bulk-Insertion Strategy -- Moving Objects and Spatio-temporal Data -- Capturing the Uncertainty of Moving-Object Representations -- Dynamic Spatial Clustering for Intelligent Mobile Information Sharing and Dissemination -- On the Generation of Spatiotemporal Datasets -- Spatial Data Mining and Classification -- Efficient Polygon Amalgamation Methods for Spatial OLAP and Spatial Data Mining -- Efficiently Matching Proximity Relationships in Spatial Databases -- 3D Shape Histograms for Similarity Search and Classification in Spatial Databases -- Spatial Join -- Multi-way Spatial Joins Using R-Trees: Methodology and Performance Evaluation -- Algorithms for Joining R-Trees and Linear Region Quadrees -- Algorithms for Performing Polygonal Map Overlay and Spatial Join on Massive Data Sets -- A Performance Evaluation of Spatial Join Processing Strategies -- Uncertainty and Geologic Hypermaps -- Abduction and Deduction in Geologic Hypermaps -- Uncertainty

Management for Spatial Data in Databases: Fuzzy Spatial Data Types --
Industrial and Visionary Applications Track -- Oracle8i Spatial:
Experiences with Extensible Databases -- SICC: An Exchange System
for Cadastral Information -- Requirements of Traffic Telematics to
Spatial Databases.
