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Nota di contenuto	Indexing -- On-Demand Index for Efficient Structural Joins -- An Efficient Indexing Scheme for Moving Objects' Trajectories on Road Networks -- Spatial Index Compression for Location-Based Services Based on a MBR Semi-approximation Scheme -- XML Query Processing -- KCAM: Concentrating on Structural Similarity for XML Fragments -- A New Structure for Accelerating XPath Location Steps -- Efficient Evaluation of Multiple Queries on Streamed XML Fragments -- Information Retrieval I -- Automated Extraction of Hit Numbers from

Search Result Pages -- Keyword Extraction Using Support Vector Machine -- LSM: Language Sense Model for Information Retrieval -- Information Retrieval II -- Succinct and Informative Cluster Descriptions for Document Repositories -- LRD: Latent Relation Discovery for Vector Space Expansion and Information Retrieval -- Web Image Retrieval Refinement by Visual Contents -- Sensor Networks and Grid Computing -- An Effective Approach for Hiding Sensitive Knowledge in Data Publishing -- Tracking Network-Constrained Moving Objects with Group Updates -- Dynamic Configuring Service on Semantic Grid -- Peer-to-Peer -- Object Placement and Caching Strategies on AN.P2P -- Role-Based Peer-to-Peer Model: Capture Global Pseudonymity for Privacy Protection -- A Reputation Management Scheme Based on Global Trust Model for Peer-to-Peer Virtual Communities -- Web Services -- QoS-Aware Web Services Composition Using Transactional Composition Operator -- Optimizing the Profit of On-Demand Multimedia Service Via a Server-Dependent Queuing System -- Service Matchmaking Based on Semantics and Interface Dependencies -- Web Searching -- Crawling Web Pages with Support for Client-Side Dynamism -- RecipeCrawler: Collecting Recipe Data from WWW Incrementally -- CCWrapper: Adaptive Predefined Schema Guided Web Extraction -- Caching and Moving Objects -- MiniTasking: Improving Cache Performance for Multiple Query Workloads -- Cache Consistency in Mobile XML Databases -- Bulkloading Updates for Moving Objects -- Temporal Database -- Finding the Plateau in an Aggregated Time Series -- Compressing Spatial and Temporal Correlated Data in Wireless Sensor Networks Based on Ring Topology -- Discovery of Temporal Frequent Patterns Using TFP-Tree -- Clustering -- DGCL: An Efficient Density and Grid Based Clustering Algorithm for Large Spatial Database -- Scalable Clustering Using Graphics Processors -- TreeCluster: Clustering Results of Keyword Search over Databases -- Clustering and Classification -- A New Method for Finding Approximate Repetitions in DNA Sequences -- Dynamic Incremental Data Summarization for Hierarchical Clustering -- Classifying E-Mails Via Support Vector Machine -- Data Mining -- A Novel Web Page Categorization Algorithm Based on Block Propagation Using Query-Log Information -- Counting Graph Matches with Adaptive Statistics Collection -- Tight Bounds on the Estimation Distance Using Wavelet -- Data Stream Processing -- Load Shedding for Window Joins over Streams -- Error-Adaptive and Time-Aware Maintenance of Frequency Counts over Data Streams -- Supporting Efficient Distributed Top-k Monitoring -- XML and Semistructured Data -- Designing Quality XML Schemas from E-R Diagrams -- Validating Semistructured Data Using OWL -- Data Distribution and Query Processing -- Dynamic Data Distribution of High Level Architecture Based on Publication and Subscription Tree -- A Framework for Query Reformulation Between Knowledge Base Peers -- An Efficient Indexing Technique for Computing High Dimensional Data Cubes -- Advanced Applications -- A Scientific Workflow Framework Integrated with Object Deputy Model for Data Provenance -- On the Development of a Multiple-Compensation Mechanism for Business Transactions -- OS-DRAM: A Delegation Administration Model in a Decentralized Enterprise Environment.