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Altri autori (Persone)	ZhouXiaofang
Disciplina	005.74
Soggetti	Data mining Database management Computer engineering Computer networks Information storage and retrieval systems Application software Multimedia systems Data Mining and Knowledge Discovery Database Management Computer Engineering and Networks Information Storage and Retrieval Computer and Information Systems Applications Multimedia Information Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	International conference proceedings.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Keynote Papers -- Dependability, Abstraction, and Programming -- The Challenge of Assuring Data Trustworthiness -- Integrating Australia's Water Data -- Uncertain Data and Ranking -- Probabilistic Inverse Ranking Queries over Uncertain Data -- Consistent Top-k Queries over Time -- Effective Fuzzy Keyword Search over Uncertain Data -- Adaptive Safe Regions for Continuous Spatial Queries over

Moving Objects -- Sensor Networks -- Optimization on Data Object  
Compression and Replication in Wireless Multimedia Sensor Networks  
-- An Effective and Efficient Method for Handling Transmission Failures  
in Sensor Networks -- Query Allocation in Wireless Sensor Networks  
with Multiple Base Stations -- Graphs -- GraphREL: A Decomposition-  
Based and Selectivity-Aware Relational Framework for Processing Sub-  
graph Queries -- A Uniform Framework for Ad-Hoc Indexes to Answer  
Reachability Queries on Large Graphs -- Ricochet: A Family of  
Unconstrained Algorithms for Graph Clustering -- Top-K Correlation  
Sub-graph Search in Graph Databases -- RFID and Data Streams --  
Efficient RFID Data Imputation by Analyzing the Correlations of  
Monitored Objects -- A Reprocessing Model Based on Continuous  
Queries for Writing Data to RFID Tag Memory -- QoS-Oriented Multi-  
query Scheduling over Data Streams -- An EM-Based Algorithm for  
Clustering Data Streams in Sliding Windows -- Two-Dimensional  
Retrieval in Synchronized Media Streams -- Eager Evaluation of Partial  
Tree-Pattern Queries on XML Streams -- Skyline and Rising Stars --  
Energy-Efficient Evaluation of Multiple Skyline Queries over a Wireless  
Sensor Network -- Dominant and K Nearest Probabilistic Skylines --  
Predictive Skyline Queries for Moving Objects -- Efficient Algorithms  
for Skyline Top-K Keyword Queries on XML Streams -- Searching for  
Rising Stars in Bibliography Networks -- Parallel and Distributed  
Processing -- Hash Join Optimization Based on Shared Cache Chip  
Multi-processor -- Traverse: Simplified Indexing on Large Map-  
Reduce-Merge Clusters -- "Pay-as-You-Go" Processing for Tracing  
Queries in a P2P Record Exchange System -- Update Propagation  
Strategies Considering Degree of Data Update in Peer-to-Peer  
Networks -- XML Data Integration Using Fragment Join -- Mining and  
Analysis -- An Adaptive Method for the Efficient Similarity Calculation  
-- Periodic Pattern Analysis in Time Series Databases -- Multi-level  
Frequent Pattern Mining -- Mining Entropy I-Diversity Patterns -- XML  
Query -- Query Optimization for Complex Path Queries on XML Data --  
Containment between Unions of XPath Queries -- FlexBench: A Flexible  
XML Query Benchmark -- Consistent Answers from Integrated XML  
Data -- Privacy -- Optimal Privacy-Aware Path in Hippocratic  
Databases -- Privacy-Preserving Clustering with High Accuracy and  
Low Time Complexity -- Efficient and Anonymous Online Data  
Collection -- Decomposition: Privacy Preservation for Multiple Sensitive  
Attributes -- Privacy-Preserving Queries for a DAS Model Using  
Encrypted Bloom Filter -- XML Keyword Search and Ranking -- Hash-  
Search: An Efficient SLCA-Based Keyword Search Algorithm on XML  
Documents -- MCN: A New Semantics Towards Effective XML Keyword  
Search -- On the Discovery of Conserved XML Query Patterns for  
Evolution-Conscious Caching -- ValidMatch: Retrieving More  
Reasonable SLCA-Based Result for XML Keyword Search -- Efficient  
Data Structure for XML Keyword Search -- Web and Web Services --  
WS-BPEL Business Process Abstraction and Concretisation -- Quality  
Evaluation of Search Results by Typicality and Speciality of Terms  
Extracted from Wikipedia -- A Ranking Method for Web Search Using  
Social Bookmarks -- FractionalPageRank Crawler: Prioritizing URLs  
Efficiently for Crawling Important Pages Early -- Selectivity Estimation  
for Exclusive Query Translation in Deep Web Data Integration -- XML  
Data Processing -- Detecting Aggregate Incongruities in XML --  
Materialized View Selection in XML Databases -- Implementing and  
Optimizing Fine-Granular Lock Management for XML Document Trees  
-- Multimedia -- On Multidimensional Wavelet Synopses for Maximum  
Error Bounds -- A Revisit of Query Expansion with Different Semantic  
Levels -- A Unified Indexing Structure for Efficient Cross-Media

Retrieval -- Dimension-Specific Search for Multimedia Retrieval --  
Advanced Applications -- Application of Information Retrieval  
Techniques for Source Code Authorship Attribution -- In the Search of  
NECTARs from Evolutionary Trees -- Reducing Space Requirements for  
Disk Resident Suffix Arrays -- A Right-Time Refresh for XML Data  
Warehouses -- Demonstrations -- Demonstrating Effective Ranked XML  
Keyword Search with Meaningful Result Display -- In-Page Logging B-  
Tree for Flash Memory -- Supporting Execution-Level Business Process  
Modeling with Semantic Technologies -- Video Annotation System  
Based on Categorizing and Keyword Labelling -- TRUSTER: TRajjectory  
Data Processing on CIUSTERS -- SUITS: Faceted User Interface for  
Constructing Structured Queries from Keywords -- Demonstration of a  
Peer-to-Peer Approach for Spatial Queries -- Tutorials -- Techniques  
for Efficiently Searching in Spatial, Temporal, Spatio-temporal, and  
Multimedia Databases -- Knowledge Discovery over the Deep Web,  
Semantic Web and XML -- Top-k Algorithms and Applications -- Panel  
-- Information Services: Myth or Silver Bullet?.

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#### Sommario/riassunto

This book constitutes the refereed proceedings of the 14th International Conference on Database Systems for Advanced Applications, DASFAA 2009, held in Brisbane, Australia, in April 2009. The 39 revised full papers and 22 revised short papers presented together with 3 invited keynote papers, 9 demonstration papers, 3 tutorial abstracts, and one panel abstract were carefully reviewed and selected from 186 submissions. The papers are organized in topical sections on uncertain data and ranking, sensor networks, graphs, RFID and data streams, skyline and rising stars, parallel and distributed processing, mining and analysis, XML query, privacy, XML keyword search and ranking, Web and Web services, XML data processing, and multimedia.

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