1.	Record Nr.	UNINA9910768181403321
	Titolo	Advances in Web-Age Information Management : Third International Conference, WAIM 2002, Beijing, China, August 11-13, 2002. Proceedings / / edited by Xiaofeng Meng, Jianwen Su, Yujun Wang
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2002
	ISBN	3-540-45703-8
	Edizione	[1st ed. 2002.]
	Descrizione fisica	1 online resource (XVI, 452 p.)
	Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2419
	Disciplina	005.75/8
	Soggetti	Computer science
		Data structures (Computer science)
		Database management
		Information storage and retrieval
		Application software
		Artificial intelligence
		Popular Computer Science
		Data Structures and Information Theory
		Database Management
		Information Storage and Retrieval
		Information Systems Applications (incl. Internet)
		Artificial Intelligence
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	XML (Session 1A) -- Efficient Supporting XML Query and Keyword Search in Relational Database Systems -- Performance Evaluation of a DOM-Based XML Database: Storage, Indexing, and Query Optimization -- Structural Map: A New Index for Efficient XML Path Expression Processing -- Spatio-Temporal Databases (Session 1B) -- An Advanced Discrete Model for Uncertain Spatial Data -- A Spatio-Temporal Representation Scheme for Content- and Semantic-Based Video Retrieval on Moving Objects' Trajectories -- Efficient Access Technique Using Levelized Data in Web-Based GIS -- Using PR-Tree and HPIR to

Manage Coherence of Semantic Cache for Location Dependent Data in Mobile Database -- Data Mining and Learning (Session 2A) -- Towards Efficient Re-mining of Frequent Patterns upon Threshold Changes -- Mining Predicate Association Rule by Gene Expression Programming -- Learning with Concept Hierarchies in Probabilistic Relational Data Mining -- An Empirical Study of Learning-Based Web Search -- Outlier Detection Integrating Semantic Knowledge -- XML and Web (Session 2B) -- Extracting Information from Semistructured Data -- Maintaining Consistency of Integrated XML Trees -- Extract Frequent Pattern from Simple Graph Data -- XML-Based Data Rendering Engine for Content Management System -- Text Distinguishers Used in an Interactive Meta Search Engine -- Workflows and E-services (Session 3A) -- Team Work Oriented Flexible Workflow Management System -- EROICA: A Rule-Based Approach to Organizational Policy Management in Workflow Systems -- The Admon-Time Workflow Client: Why Do We Need the Third Type of Workflow Client Designated for Administration and Monitoring Services? -- Progressive Content Delivery for Mobile E-services -- Bioinformatics, Views, and OLAP (Session 3B) -- GeneAround: A Browsing System for Gene Annotation Using XML Technologies -- What Difference Heuristics Make: Maintenance-Cost View-Selection Revisited -- Representing Conceptual Multidimensional Properties Using the Common Warehouse Metamodel (CWM) -- OLAP Query Processing Algorithm Based on Relational Storage -- Clustering and High Dimentional Data (Session 4A) -- Querying and Clustering Very Large Data Sets Using Dynamic Bucketing Approach -- CBCM: A Cell-Based Clustering Method for Data Mining Applications -- C2VA: Trim High Dimensional Indexes -- Web Search (Session 4B) -- Topic Exploration and Distillation for Web Search by a Similarity-Based Analysis -- Efficient and Simple Encodings for the Web Graph -- Object-Extraction-Based Hidden Web Information Retrieval -- An Improved Usage-Based Ranking -- Optimization and Updates (Session 5A) -- On Linear-Spline Based Histograms -- A General and Efficient Approach for Solving Nearest Neighbor Problem in the Vague Query System -- A Client-Based Web-Cache Management System -- Immediate and Partial Validation Mechanism for the Conflict Resolution of Update Operations in XML Databases -- Transactions and Multimedia (Session 5B) -- Relaxed Atomic Commit for Real-Time Transactions in Mobile Computing Environment -- Real-Time Facial Patterns Mining and Emotion Tracking -- Data Reduction and Noise Filtering for Predicting Times Series -- Exploiting the Intrinsic Irreversibility of Adaptive Technologies to Enhance the Security of Digital Watermarking -- Demos -- Web-Linkage Viewer: Finding Graph Structures in the Web -- GDWFMS: A Workflow System for Submitting Graphs and Documents.

Sommario/riassunto	This book constitutes the refereed proceedings of the Third International Conference on Web-Age Information Management, WAIM 2002 held in Beijing, China in August 2002. The 40 papers presented together with two system demonstrations were carefully reviewed and selected from 169 submissions. The papers are organized in topical sections on XML; spatio-temporal databases; data mining and learning; XML and web; workflows and e-services; bio informatics, views, and OLAP; clustering and high-dimensional data; web search; optimization and updates; and transactions and multimedia.