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Soggetti	Data structures (Computer science) Database management Information storage and retrieval Application software Multimedia information systems Information technology Business—Data processing Data Structures and Information Theory Database Management Information Storage and Retrieval Information Systems Applications (incl. Internet) Multimedia Information Systems IT in Business
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Nota di contenuto	Invited Lectures -- Time: A Coordinate for Web Site Modelling -- Trust Is not Enough: Privacy and Security in ASP and Web Service Environments -- Infrastructure for Information Spaces -- Data Mining and Knowledge Discovery -- An Axiomatic Approach to Defining Approximation Measures for Functional Dependencies -- Intelligent Support for Information Retrieval in the WWW Environment -- An Approach to Improve Text Classification Efficiency -- Semantic

Similarity in Content-Based Filtering -- Data Access Paths for Frequent Itemsets Discovery -- Mobile Databases -- Monitoring Continuous Location Queries Using Mobile Agents -- Optimistic Concurrency Control Based on Timestamp Interval for Broadcast Environment -- A Flexible Personalization Architecture for Wireless Internet Based on Mobile Agents -- Multiversion Data Broadcast Organizations -- Spatiotemporal and Spatial Databases -- Revisiting R-Tree Construction Principles -- Approximate Algorithms for Distance-Based Queries in High-Dimensional Data Spaces Using R-Trees -- Efficient Similarity Search in Feature Spaces with the Q-Tree -- Spatio-Temporal Geographic Information Systems: A Causal Perspective -- An Access Method for Integrating Multi-scale Geometric Data -- Multidimensional Databases and Information Systems -- OLAP Query Evaluation in a Database Cluster: A Performance Study on Intra-Query Parallelism -- A Standard for Representing Multidimensional Properties: The Common Warehouse Metamodel (CWM) -- A Framework to Analyse and Evaluate Information Systems Specification Languages -- Object Oriented and Deductive Databases -- Flattening the Metamodel for Object Databases -- A Semantic Query Optimization Approach to Optimize Linear Datalog Programs -- An Object Algebra for the ODMG Standard -- Data Modeling and Workflows -- Many-Dimensional Schema Modeling -- Object-Oriented Data Model for Data Warehouse -- A Meta Model for Structured Workflows Supporting Workflow Transformations -- Web Databases and Semistructured Data -- Towards an Exhaustive Set of Rewriting Rules for XQuery Optimization: BizQuery Experience -- Architecture of a Blended-Query and Result-Visualization Mechanism for Web-Accessible Databases and Associated Implementation Issues -- Accommodating Changes in Semistructured Databases Using Multidimensional OEM -- A Declarative Way of Extracting XML Data in XSL -- Advanced Systems and Applications -- Towards Variability Modelling for Reuse in Hypermedia Engineering -- Complex Temporal Patterns Detection over Continuous Data Streams.

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#### Sommario/riassunto

This book constitutes the refereed proceedings of the 6th East European Conference on Advances in Databases and Information Systems ADBIS 2002, held in Bratislava, Slovakia in September 2002. The 25 revised full papers and 4 short papers presented together with 3 invited papers were carefully reviewed and selected from 115 submissions. The papers are organized in topical sections on data mining and knowledge discovery, mobile databases, spatiotemporal and spatial databases, multidimensional databases and information systems, object-oriented and deductive databases, data modeling and workflows, Web databases and semistructured data, and advanced systems and applications.

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