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Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 1377
Disciplina	005.74
Soggetti	Data structures (Computer science) Computers Software engineering Artificial intelligence Data Structures and Information Theory Information Systems and Communication Service Software Engineering Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	On the ubiquity of information services and the absence of guaranteed service quality -- Processing complex similarity queries with distance-based access methods -- HySpirit — A probabilistic inference engine for hypermedia retrieval in large databases -- Towards optimal indexing for segment databases -- Fusion queries over internet databases -- Efficient queries over web views -- Equal time for data on the internet with websemantics -- Pincer-search: A new algorithm for discovering the maximum frequent set -- Multivariate and multidimensional OLAP -- Incremental generalization for mining in a data warehousing environment -- Modeling large scale OLAP scenarios -- Discovery-driven exploration of OLAP data cubes -- A logical approach to multidimensional databases -- Efficient dynamic programming algorithms for ordering expensive joins and selections --

Improving the query performance of high-dimensional index structures by bulk load operations -- An evaluation of alternative disk scheduling techniques in support of variable bit rate continuous media -- Buffer management in distributed database systems: A data mining-based approach -- Complex aggregation at multiple granularities -- Parallel processing of multiple aggregate queries on shared-nothing multiprocessors -- Minimizing detail data in data warehouses -- Static management of integrity in object-oriented databases: Design and implementation -- OCB: A generic benchmark to evaluate the performances of object-oriented database systems -- A path removing technique for detecting trigger termination -- The CVS algorithm for view synchronization in evolvable large-scale information systems -- Integration of incremental view maintenance into query optimizers -- Maintaining temporal views over non-temporal information sources for data warehousing -- Referential actions: From logical semantics to implementation -- A conceptual model and a tool environment for developing more scalable, dynamic, and customizable Web applications -- Design and maintenance of data-intensive web sites -- Dynamic and structured presentation of database contents on the Web -- Mining process models from workflow logs -- A scheme to specify and implement ad-hoc recovery in workflow systems -- Exploring heterogeneous biological databases: Tools and applications.

Sommario/riassunto

This book constitutes the refereed proceedings of the 6th International Conference on Extending Database Technology, EDBT '98, held in Valencia, Spain, in March 1998. The 32 revised full papers presented together with one invited keynote were selected from a total of 191 submissions. The book is divided in sections on similarity search and indexing, query optimization on the Web, Algorithms for data mining, modelling in OLAP, query processing and storage management, aggregation and summary data, object-oriented and active databases, view maintenance and integrity, databases and the Web, workflow and scientific databases.
