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Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 1271
Disciplina	005.74
Soggetti	Data structures (Computer science) Database management Information storage and retrieval Application software Multimedia information systems Data Structures and Information Theory Database Management Information Storage and Retrieval Information Systems Applications (incl. Internet) Multimedia Information Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	The role of intelligent software agents in advanced information systems -- Location and replication independent recovery in a highly available database -- Compensation-based query processing in on-line transaction processing systems -- Detection arcs for deadlock management in nested transactions and their performance -- Improved and optimized partitioning techniques in database query processing -- Query evaluation in CROQUE -- Optimisation of partitioned temporal joins -- Maintaining library catalogues with an RDBMS: A performance study -- Merging an active database and a reflective system: Modelling a new several active meta-levels architecture -- A framework for database mining -- Query processing techniques for partly inaccessible

distributed databases -- Indexing multi-visual features in image database -- Customisable visual query interface to a heterogeneous database environment: A meta-programming based approach -- Automatic web interfaces and browsing for object-relational databases -- A mechanism for automating database interface design, based on extended E-R modelling -- Exploration of the requirements in a visual interface to tabular data -- DOA — the Deductive Object-oriented Approach to the development of adaptive natural language interfaces -- An efficient indexing scheme for objects with roles -- A prefetching technique for object-oriented databases -- WIND: A warehouse for internet data -- An object Versioning system to support collaborative design within a Concurrent Engineering context -- Schema integration with integrity constraints -- A method for integrating deductive databases.

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Sommario/riassunto

This book consists of the refereed proceedings of the 15th British National Conference on Databases, BNCOD 15, held in London, in July 1997. The 12 revised full papers presented were selected from more than 30 submissions. Also included are 10 poster presentations and the invited lecture on The Role of Intelligent Software Agents in Advanced Information Systems by Larry Kerschberg. The papers are organized in topical sections on transaction processing, optimization, object-orientation and the Internet, and database integration.

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