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Disciplina	005.74
Soggetti	Data structures (Computer science) Software engineering Database management Information storage and retrieval Application software Data Structures and Information Theory Software Engineering/Programming and Operating Systems Database Management Information Storage and Retrieval Information Systems Applications (incl. Internet)
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Nota di contenuto	Schema integration meta-knowledge classification and reuse -- View mechanism for schema evolution in object-oriented DBMS -- An active rule language for ROCK & ROLL -- Integrity constraints in multiversion databases -- The development of a semantic integrity constraint subsystem for a distributed database (SICSDD) -- Understanding the tension between transition rules and confidentiality -- SPEAR: Extending ER for dynamic behaviour and refinement -- Speeding up knowledge discovery in large relational databases by means of a new discretization algorithm -- Integration of load measurement parameters into the cost evaluation of database queries -- High performance OO traversals in monet -- A modular compiler architecture for a data manipulation language -- Querying graph

databases using a functional language extended with second order facilities -- SQL+i: Adding temporal indeterminacy to the database language SQL -- Pearls, swine and sow's ears: Interface research inside a multinational bank -- Dissemination-based information systems: Your data may be where you least expect it -- Microsoft database technologies — An inside view -- Predicate-maintained queries: An active OODBMS for financial applications -- Universal data management.

Sommario/riassunto

This book constitutes the refereed proceedings of the 14th British National Conference on Databases, BNCOD 14, held in Edinburgh, United Kingdom, in July 1996. The 13 revised papers presented in the book in full version together with two invited talks and three industrial abstracts were selected from a total of 47 submissions involving authors from 21 countries. The papers included are written by researchers and professionals from academia and industry; the volume is organized in topical sections on object-oriented databases, integrity issues, database performance and optimization, and database languages.
