Record Nr. UNISA996466103903316 Advances in Databases [[electronic resource]]: 13th British National **Titolo** Conference on Databases, BNCOD 13, Manchester, United Kingdom, July 12 - 14, 1995. Proceedings / / edited by Carole Goble, John Keane Berlin, Heidelberg:,: Springer Berlin Heidelberg:,: Imprint: Springer, Pubbl/distr/stampa , 1995 **ISBN** 3-540-49427-8 Edizione [1st ed. 1995.] 1 online resource (X, 286 p.) Descrizione fisica Lecture Notes in Computer Science, , 0302-9743 ; ; 940 Collana 005.74 Disciplina Soggetti Data structures (Computer science) Database management Information storage and retrieval Application software Data Structures and Information Theory **Database Management** Information Storage and Retrieval Information Systems Applications (incl. Internet) Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Bibliographic Level Mode of Issuance: Monograph Object databases and standards -- Multimedia database management: Nota di contenuto Perspectives and challenges -- Combining inheritance and parametric polymorphism in a functional database language -- Extending functional database languages to update completeness -- Recognizing graphic detail an experiment in user interpretation of data models --The pragmatics of naive database enquiry -- Using a conceptual data language to describe a database and its interface -- Scheduling query plans with buffer-requirement estimates -- Optimization of spatial joins using filters -- An efficient transient versioning method --Concurrency control of tiered flat transactions -- Two-step pruning: A distributed query optimization algorithm -- Text search using database systems revisited - Some experiments -- Integrity merging in an object-oriented federated database environment -- The architecture of

the ICL GOLDRUSH MegaSERVER -- W-SQL an interface for scalable,

highly parallel, database machines.

## Sommario/riassunto

This volume presents the proceedings of the 13th British National Conference on Databases, BNCOD 13, held in Manchester, UK in July 1995. The volume contains 2 invited contributions and 14 full revised technical papers selected from a total of 64 submissions. The papers are organized in sections on functional databases, user interfaces, system-level algorithms, queries and transactions, and parallel and federated systems. Despite the fact that BNCOD is a national event there is strong international representation in the proceedings.