1. Record Nr. UNISA996466143503316

Titolo	Advances in Databases [[electronic resource]] : 11th British National Conference on Databases, BNCOD 11, Keele, UK, July 7-9, 1993. Proceedings / / edited by Michael F. Worboys, Anna F. Grundy
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1993
ISBN	3-540-47785-3
Edizione	[1st ed. 1993.]
Descrizione fisica	1 online resource (X, 278 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 696
Disciplina	005.74
Soggetti	Data structures (Computer science) Database management Data Structures and Information Theory Database Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Begriffsverzeichnis: a concept index -- On the unification of active databases and deductive databases -- Semantic constraints in a medical information system -- A methodology for semantically enriching interoperable databases -- Distributed databases tied with string -- Viewing objects -- Function materialization through object versioning in object-oriented databases -- A C++ database interface based on the Entity-Relationship approach -- Object-oriented database methodology — State of the art -- Deductive databases with conditional facts -- A deductive object-oriented database for data intensive application development -- Storage and retrieval of first-order terms using a relational database -- Principles of implementing historical databases in RDBMS -- Integrity constraint enforcement in the functional database language PFL -- Implementation of a version model for artists using extended relational technology.
Sommario/riassunto	This volume contains the proceedings of the eleventh British National Conference on Databases, held at Keele University, England. A dominant themein the volume is the provision of the means to enhance the capabilities of databases to handle information that has a rich semantic structure. A major research question is how to achieve such a

semantic scale-up without sacrificing performance. There are currently two main paradigms within which it is possible to propose answers to this question, deduction-oriented and object-oriented. Both paradigms are well represented in this collection, with the balance in the direction of the deductive approach, which is followed by both the invited papers, by Michael Freeston from the European Computer-Industry Research Centre in Munich and Carlo Zaniolo from the University of California at Los Angeles. In addition, the volume contains 13 full papers selected from a total of36 submissions.