1.	Record Nr.	UNINA9910768475203321
	Titolo	Advances in Databases and Information Systems : Second East European Symposium, ADBIS '98, Poznan, Poland, September 7-10, 1998, Proceedings / / edited by Witold Litwin, Tadeusz Morzy, Gottfried Vossen
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1998
	ISBN	3-540-68309-7
	Edizione	[1st ed. 1998.]
	Descrizione fisica	1 online resource (XIV, 378 p.)
	Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 1475
	Disciplina	005.74
	Soggetti	Data structures (Computer science) Computer engineering Database management Application software Information storage and retrieval Multimedia systems Data Structures and Information Theory Computer Engineering Database Management Information Systems Applications (incl. Internet) Information Storage and Retrieval 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	Recent progress in data integration — A tutorial -- Managing multimedia information in a database environment — A tutorial -- Association rules... and what's next? — Towards second generation data mining systems -- Workflow management in the internet age -- Untyped queries, untyped reflective machines and conditional quantifiers -- Containment of conjunctive queries with built-in predicates with variables and constants over any ordered domain -- Using queries with multi-directional functions for numerical database

applications -- Multiple range query optimization in spatial databases -- Optimizing command logs by exploiting semantic knowledge -- A distributed algorithm for global query optimization in multidatabase systems -- Transaction management in databases supporting collaborative applications -- Object-oriented design of a flexible workflow management system -- Extending transaction closures by n-ary termination dependencies -- Distributed information systems -- Integrated web — Database applications for electronic business -- Term weighting in query-based document clustering -- Discovery of object-oriented schema and schema conflicts -- On the ordering of rewrite rules -- Towards data and object modelling -- Propagation of structural modifications to an integrated schema -- Integration of schemas containing data versions and time components -- Deriving relationships between integrity constraints for schema comparison -- A database interface integrating a query language for versions -- nP-Tree: Region partitioning and indexing for efficient path planning -- Replication in mirrored disk systems -- Clustering techniques for minimizing object access time -- Designing persistence for real-time distributed object systems -- Partial replication of object-oriented databases -- Optimizing knowledge discovery over the WWW -- Data mining query language for object-oriented database -- Itemset materializing for fast mining of association rules -- Schema derivation for WWW information sources and their integration with databases in Bioinformatics -- Component-based information systems development tool supporting the SYNTHESIS design method -- Translating relational queries to object-oriented queries according to ODMG-93 -- A flexible framework for a correct database design -- Human resources information systems improvement: Involving financial systems and other sources data -- Physical structure design for relational databases -- Modeling of census data in a multidimensional environment.

Sommario/riassunto	This book constitutes the refereed proceedings of the Second East European Symposium on Advances in Databases and Information systems, ADBIS '98, held in Poznan, Poland in September 1998. The 25 revised full papers presented were selected from a total of 90 submissions and six extended abstracts within a special section. "East meets West". The papers are organized in topical sections on query langues, optimization, collaborative systems, schema integration, storage and version management, object systems, knowledge discovery and the Web, and systems design.