1.	Record Nr.	UNISA996465603203316
	Titolo	Statistical and Scientific Database Management [[electronic resource]] : Fifth International Conference, V SSDBM, Charlotte, N.C., USA, April 3-5, 1990, Proceedings / / edited by Zbigniew Michalewicz
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1990
	ISBN	3-540-46968-0
	Edizione	[1st ed. 1990.]
	Descrizione fisica	1 online resource (V, 260 p.)
	Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 420
	Disciplina	005.74
	Soggetti	Data structures (Computer science)
		Applied mathematics
		Engineering mathematics
		Application software
		Database management
		Combinatorics
		Data Structures and Information Theory
		Applications of Mathematics
		Information Systems Applications (incl. Internet)
		Database Management
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di contenuto	Object-oriented approach to managing statistical and scientific databases -- Storm: A statistical object representation model -- Semantic modelling of bivariate statistical tests -- Deductive mathematical databases — A case study -- Optimal distribution of restricted ranges in secure statistical databases -- Implementing subscripted identifiers in scientific databases -- Random sampling from database files: A survey -- Temporal summary table management and graphic interface -- A framework for query optimization in temporal databases -- GRASP: A graphical system for statistical databases -- A visual interface for browsing and manipulating statistical entities -- Database systems for programmable logic controllers -- The implementation of area and membership retrievals in

point geography using SQL -- Preliminary data in economic databases -- Platypus: Inheritance and scientific discovery -- Using a blackboard architecture in a distributed DBMS environment: An expert system application.

Sommario/riassunto	The purpose of the Fifth International Conference on Statistical and Scientific Databases was to bring together database researchers, users, and system builders, to discuss the particular issues of interest and to propose new solutions to the problems of the area, both from the theoretical and from the application point of view. This proceedings volume contains three invited papers as well as the other 13 contributions. The papers cover a wide area of research: object oriented database systems, semantic modelling, deductive mathematical databases, security of statistical databases, implementational issues for scientific databases, temporal summary table management, graphical and visual interfaces, query optimization, distributed databases, and economic and geographical databases.