

1. Record Nr.	UNINA9910133183503321
Titolo	Nondestructive Evaluation/Testing : New Technology & Application (FENDT), 2013 Far East Forum on / / edited by Chunguang Xu, Qinxue Pan
Pubbl/distr/stampa	Piscataway, NJ : , : IEEE Press, , 2013 ©2013
ISBN	1-4673-6020-1
Descrizione fisica	1 online resource (various pagings) : illustrations
Disciplina	620.1127
Soggetti	Nondestructive testing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.

2. Record Nr.	UNINA9910144916703321
Autore	Schneider Markus
Titolo	Spatial Data Types for Database Systems : Finite Resolution Geometry for Geographic Information Systems / / by Markus Schneider
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1997
ISBN	3-540-69551-6
Edizione	[1st ed. 1997.]
Descrizione fisica	1 online resource (XV, 281 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 1288
Disciplina	910/.285/573
Soggetti	Signal processing Image processing Speech processing systems Optical data processing Database management Geographic information systems Data structures (Computer science) Application software Signal, Image and Speech Processing Image Processing and Computer Vision Database Management Geographical Information Systems/Cartography Data Structures Information Systems Applications (incl. Internet)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Spatial data types — A survey -- Realms: A foundation for spatial data types in database systems -- Realm-based spatial data types: The ROSE algebra -- Efficient algorithms for realm-based spatial data types -- Implementing concepts: Realm system and ROSE system -- Conclusions, open problems, and future work.
Sommario/riassunto	Database research in the last decade has increasingly focused on providing support for non-standard applications. One important domain is representation and processing of spatial information,

needed, e.g., in geographical information systems. Spatial data types provide a fundamental abstraction for modeling the structure of geometric entities, their relationships, properties and operations. This monograph is an extensive survey of this field and introduces a new, general, sophisticated framework for the formal definition and robust implementation of spatial data types.
