

1. Record Nr.	UNINA9910437891703321
Titolo	Advances in Probabilistic Databases for Uncertain Information Management / / edited by Zongmin Ma, Li Yan
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013
ISBN	9783642375095 364237509X
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (X, 161 p. 23 illus.)
Collana	Studies in Fuzziness and Soft Computing, , 1434-9922 ; ; 304
Disciplina	005.74068
Soggetti	Applied mathematics Engineering mathematics Artificial intelligence Application software Mathematical and Computational Engineering Artificial Intelligence 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 bibliografia	Includes bibliographical references and author index.
Nota di contenuto	1 Research in Probabilistic Spatiotemporal Databases: The SPOT Framework -- 2 A Probabilistic Object-Oriented Database Model with Fuzzy Measures -- 3 Probabilistic XML: Models and Complexity -- 4 Uncertain Data: Representations, Query Processing, and Applications -- 5 A Theoretically-Sound Approach for OLAPing Uncertain and Imprecise Multidimensional Data Streams -- 6 Tractable Probabilistic Description Logic Programs. .
Sommario/riassunto	This book covers a fast-growing topic in great depth and focuses on the technologies and applications of probabilistic data management. It aims to provide a single account of current studies in probabilistic data management. The objective of the book is to provide the state of the art information to researchers, practitioners, and graduate students of information technology of intelligent information processing, and at the same time serving the information technology professional faced with non-traditional applications that make the application of conventional

approaches difficult or impossible.

---