

1. Record Nr.	UNINA9910808005303321
Autore	Schockaert Steven
Titolo	Reasoning about fuzzy temporal and spatial information from the web [[electronic resource] /] / Steven Schockaert, Martine De Cock, Etienne Kerre
Pubbl/distr/stampa	Singapore ; ; Hackensack, N.J., : World Scientific Pub. Co., 2010
ISBN	1-283-14461-1 9786613144614 981-4307-90-4
Descrizione fisica	1 online resource (480 p.)
Collana	Intelligent information systems ; ; v. 3
Altri autori (Persone)	CockMartine de KerreEtienne
Disciplina	006.3 006.33 511/.3
Soggetti	Fuzzy sets Spatial systems Information retrieval Artificial intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface; Contents; 1. Introduction; 2. Preliminaries from Fuzzy Set Theory; 3. Relatedness of Fuzzy Sets; 4. Representing Fuzzy Temporal Information; 5. Reasoning about Fuzzy Temporal Information; 6. Event-based Information Retrieval; 7. Representing Fuzzy Spatial Information; 8. Reasoning about Fuzzy Spatial Information; 9. Geographic Information Retrieval; Conclusions; Appendix A Proof of Proposition 5.9; Appendix B Proof of Proposition 5.10; Appendix C Proof of Proposition 8.1; Bibliography; Index
Sommario/riassunto	This book comprehensively studies fuzzy temporal and spatial information, starting from the basics on fuzzy set theory and temporal/spatial reasoning, the development of a new model to represent fuzzy temporal/spatial information, the study of efficient and complete reasoning algorithms, and their application in an information

retrieval context. This useful volume presents the first approach that goes beyond merely representing information, by thoroughly addressing a variety of reasoning tasks. It also focuses on applications in the domain of information retrieval, and demonstrating the practi
