1. Record Nr. UNINA9910592982503321 Autore Ma Zongmin Titolo Modeling and Management of Fuzzy Semantic RDF Data [[electronic resource] /] / by Zongmin Ma, Guanfeng Li, Ruizhe Ma Cham:,: Springer International Publishing:,: Imprint: Springer., Pubbl/distr/stampa 2022 **ISBN** 3-031-11669-0 Edizione [1st ed. 2022.] Descrizione fisica 1 online resource (217 pages) Collana Studies in Computational Intelligence, , 1860-9503;; 1057 006.3 Disciplina Soggetti Computational intelligence Engineering - Data processing Artificial intelligence Computational Intelligence **Data Engineering** Artificial Intelligence Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Includes bibliographical references and index. Nota di bibliografia Nota di contenuto RDF Data and Management -- Fuzzy Sets and Fuzzy Database Modeling -- Fuzzy RDF Modeling -- Persistence of Fuzzy RDF and Fuzzy RDF Schema -- Fuzzy RDF Queries. Sommario/riassunto This book systemically presents the latest research findings in fuzzy RDF data modeling and management. Fuzziness widely exist in many data and knowledge intensive applications. With the increasing amount of metadata available, efficient and scalable management of massive semantic data with uncertainty is of crucial importance. This book goes to great depth concerning the fast-growing topic of technologies and approaches of modeling and managing fuzzy metadata with Resource Description Framework (RDF) format. Its major topics include representation of fuzzy RDF data, fuzzy RDF graph matching, query of fuzzy RDF data, and persistence of fuzzy RDF data in diverse databases. The objective of the book is to provide the state-of-the-art information to researchers, practitioners, and postgraduates students who work on the area of big data intelligence and at the same time

serve as the uncertain data and knowledge engineering professional as