1. Record Nr. UNINA9910787189403321

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Titolo	Semantic knowledge representation for information retrieval / / Winfried Godert, Jessica Hubrich, Matthias Nagelschmidt
Pubbl/distr/stampa	Berlin, [Germany] ; ; Boston, [Massachusetts] : , : De Gruyter Saur, , 2014 ©2014
ISBN	1-5231-0061-3 3-11-039597-5 3-11-032970-0
Descrizione fisica	1 online resource (308 p.)
Disciplina	025.042/7
Soggetti	Semantic Web Information retrieval Knowledge representation (Information theory) Information organization Indexing World Wide Web - Subject access
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	Front matter -- Preface -- Table of Contents -- 1. Introduction: Envisioning Semantic Information Spaces -- Part A Propaedeutics - Organizing, Representing, and Exploring Knowledge -- 2. Indexing and Knowledge Organization -- 3. Semantic Technologies for Knowledge Representation -- 4. Information Retrieval and Knowledge Exploration -- Part B Status quo - Handling Heterogeneity in Indexing and Retrieval -- 5. Approaches to Handle Heterogeneity -- 6. Problems with Establishing Semantic Interoperability -- Part C Vision - Ontology-based Indexing and Retrieval -- 7. Formalization in Indexing Languages -- 8. Typification of Semantic Relations -- 9. Inferences in Retrieval Processes -- 10. Semantic Interoperability and Inferences -- 11. Remaining Research Questions -- Part D Appendices -- Systematic Glossary -- Abbreviations -- List of figures -- List of tables -- References -- Index

Sommario/riassunto

This book covers the basics of semantic web technologies and indexing languages, and describes their contribution to improve methods of formal knowledge representation and reasoning. The methodologies included combine the specifics of indexing languages, Web representation languages and intersystem relations, and explain their contribution to search functionalities in information retrieval scenarios. An example oriented discussion, considering aspects of conceptual and semantic interoperability in processes of subject querying and knowledge exploration is provided. The book is relevant to information scientists, knowledge workers and indexers. It provides a suitable combination of theoretical foundations and practical applications.