

1. Record Nr.	UNISA996465486803316
Titolo	Reasoning Web [[electronic resource]] : 4th International Summer School 2008, Venice Italy, September 7-11, 2008, Tutorial Lectures // edited by Cristina Baroglio, Piero A. Bonatti, Jan Maluszynski, Massimo Marchiori, Axel Polleres, Sebastian Schaffert
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2008
ISBN	3-540-85658-7
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (VII, 269 p.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 5224
Disciplina	005.7
Soggetti	Application software Computer communication systems Database management Computer logic Information storage and retrieval Natural language processing (Computer science) Information Systems Applications (incl. Internet) Computer Communication Networks Database Management Logics and Meanings of Programs Information Storage and Retrieval Natural Language Processing (NLP)
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 index.
Nota di contenuto	Rules and Ontologies for the Semantic Web -- Managing Uncertainty and Vagueness in Description Logics, Logic Programs and Description Logic Programs -- Attempto Controlled English for Knowledge Representation -- Semantic Multimedia -- Applications of Semantic Web Methodologies and Techniques to Social Networks and Social Websites -- Applications of Semantic Web Methodologies and Techniques to Biology and Bioinformatics -- Web Services Discovery Utilizing Semantically Annotated WSDL.

Sommario/riassunto

This book contains a collection of thoroughly revised tutorial papers based on lectures given by leading researchers at the 4th International Summer School on the Reasoning Web, held in Venice, Italy, in September 2008. The objective of the book is to provide a coherent introduction to semantic web methods and research issues with a particular focus on reasoning. The seven tutorial papers presented provide competent coverage of methods and major application areas such as social networks, semantic multimedia indexing and retrieval, bioinformatics, and semantic web services. They highlight which techniques are already being successfully applied for purposes such as improving the performance of information retrieval algorithms, enabling the interoperation of heterogeneous agents, modelling users profiles and social relations, and standardizing and improving the accuracy of very large and dynamic scientific databases.
