

1. Record Nr.	UNINA9910484189103321
Titolo	Reasoning Web : Third International Summer School 2007, Dresden, Germany, September 3-7, 2007, Tutorial Lectures / / edited by Grigoris Antoniou, Uwe Aßmann, Cristina Baroglio, Stefan Decker, Nicola Henze, Paula-Lavinia Patranjan, Robert Tolksdorf
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2007
ISBN	9783540746157 3540746153
Edizione	[1st ed. 2007.]
Descrizione fisica	1 online resource (IX, 348 p.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 4636
Disciplina	006.3
Soggetti	Application software Computer networks Information storage and retrieval Information technology Business—Data processing Computer logic Artificial intelligence Information Systems Applications (incl. Internet) Computer Communication Networks Information Storage and Retrieval IT in Business Logics and Meanings of Programs Artificial Intelligence
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	Fundamentals of Reasoning and Reasoning Languages -- Foundations of Rule-Based Query Answering -- Reasoning in Description Logics: Basics, Extensions, and Relatives -- Rules, Rule Languages, and Policies -- Reactive Rules on the Web -- Rule-Based Policy Representation and Reasoning for the Semantic Web -- Rule Interchange on the Web --

Applications of Semantic Web Reasoning -- Reasoning in Semantic Wikis -- Semantic Wiki Representations for Building an Enterprise Knowledge Base -- Semantic Descriptions in an Enterprise Search Solution -- Semantic Web Service Discovery and Selection in B2B Integration Scenarios.

Sommario/riassunto

This book contains a collection of thoroughly revised tutorial papers based on lectures given by leading researchers at the Second International Summer School on the Reasoning Web in Dresden, Germany, September 2007. The nine tutorial papers cover methods and research issues of the Semantic Web, ontology languages and their relation to description logics, techniques in Web information extraction, employing ontologies to ease construction of software applications, and more.
