1. Record Nr.   UNINA9910483406303321

   Titolo   Web Reasoning and Rule Systems : Second International Conference, RR 2008, Karlsruhe, Germany, October 31 - November 1, 2008. Proceedings / / edited by Diego Calvanese, Georg Lausen

   Pubbl/distr/stampa Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2008

   ISBN   3-540-88737-7

   Edizione   [1st ed. 2008.]

   Descrizione fisica 1 online resource (XII, 241 p.)

   Collana   Information Systems and Applications, incl. Internet/Web, and HCI, , 2946-1642 ; ; 5341

   Disciplina   025.0427

   Soggetti   Computer networks
                       Computer engineering
                       Software engineering
                       Application software
                       Information storage and retrieval systems
                       Computer Communication Networks
                       Computer Engineering and Networks
                       Software Engineering
                       Computer and Information Systems Applications
                       Information Storage and Retrieval

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Note generali   Includes index.

   Nota di bibliografia   Includes bibliographical references and index.

   Nota di contenuto   Invited Papers -- Rule Interchange Format: The Framework -- Semantics and Reasoning Algorithms for a Faithful Integration of Description Logics and Rules -- Full Papers -- On Combining Description Logic Ontologies and Nonrecursive Datalog Rules -- Simulation Subsumption or Déjà vu on the Web -- Reasoning with a Network of Aligned Ontologies -- Lexicographical Inference over Inconsistent DL-Based Ontologies -- A Survey of Revision Approaches in Description Logics -- Towards Rule-Based Minimization of RDF Graphs under Constraints -- Ontology Design and Reuse with Conceptual Roles -- Enhancing a DLP System for Advanced Database Applications -- A Semantic Web Reasoner for Rules, Equations and

Constraints -- What Is Approximate Reasoning? -- Approximate OWL-Reasoning with Screech -- Ranking Services Using Fuzzy HEX Programs -- Short Papers -- Markup and Component Interoperability for Active Rules -- On Reducing Redundancy in Mining Relational Association Rules from the Semantic Web -- A TRIPLE-Oriented Approach for Integrating Higher-Order Rules and External Contexts -- Paraconsistent Reasoning with Quasi-classical Semantic in -- Posters -- Fluent Calculus Based Web Service Composition -- Vague-SWRL: A Fuzzy Extension of SWRL -- Alternative Strategies for Contextual Reasoning with Conflicts in Ambient Computing -- Taming Existence in RDF Querying -- A Tableau Algorithm for Possibilistic Description Logic .

Sommario/riassunto	This book constitutes the refereed proceedings of the Second International Conference on Web Reasoning and Rule Systems, RR 2008, held in Karlsruhe, Germany in October/November 2008. The 12 revised full papers, 4 revised short papers presented together with 5 poster papers were carefully reviewed and selected from over 35 submissions. The papers address all current topics in Web reasoning and rule systems such as acquisition of rules and ontologies by knowledge extraction, design and analysis of reasoning languages, implemented tools and systems, standardization, ontology usability, ontology languages and their relationships, rules and ontologies, reasoning with uncertainty, reasoning with constraints, rule languages and systems, semantic Web services modeling and applications.