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Soggetti	Data mining Information storage and retrieval Application software Computers Data structures (Computer science) Data Mining and Knowledge Discovery Information Storage and Retrieval Information Systems Applications (incl. Internet) Models and Principles Data Structures Data Storage Representation
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Ontologies -- Cross-Lingual Ontology Mapping -- An Investigation of the Impact of Machine Translation -- Modeling Common Real-Word Relations Using Triples Extracted from n-Grams -- Supporting the Development of Data Wrapping Ontologies -- A Conceptual Model for a Web-Scale Entity Name System -- What Makes a Good Ontology? A Case-Study in Fine-Grained Knowledge Reuse -- Repairing the Missing is-a Structure of Ontologies -- Entity Resolution in Texts Using

Statistical Learning and Ontologies -- An Effective Similarity Propagation Method for Matching Ontologies without Sufficient or Regular Linguistic Information -- Deciding Query Entailment for Fuzzy Ontologies -- Semantic Web Application -- Merging and Ranking Answers in the Semantic Web: The Wisdom of Crowds -- LOD: Linking Open Descriptions of Events -- A Semantic Wiki Based Light-Weight Web Application Model -- Guidelines for the Specification and Design of Large-Scale Semantic Applications -- Semantic-Linguistic Feature Vectors for Search: Unsupervised Construction and Experimental Validation -- Semantic Web Services -- Utilising Task-Patterns in Organisational Process Knowledge Sharing -- Reasoning about Partially Ordered Web Service Activities in PSL -- Two-Fold Service Matchmaking -- Applying Ontology Mapping for Semantic Web Service Discovery -- An Approach to Analyzing Dynamic Trustworthy Service Composition -- Semantic Web Technology -- Improving Folksonomies Using Formal Knowledge: A Case Study on Search -- Querying the Web of Data: A Formal Approach -- A Relevance-Directed Algorithm for Finding Justifications of DL Entailments -- Entropy-Based Metrics for Evaluating Schema Reuse -- Overcoming Schema Heterogeneity between Linked Semantic Repositories to Improve Coreference Resolution -- Social Semantic Rule Sharing and Querying in Wellness Communities -- Demo Papers -- Semantic Rules on Drug Discovery Data -- RepOSE: An Environment for Repairing Missing Ontological Structure -- SHARE: A Semantic Web Query Engine for Bioinformatics -- IP-Explorer: A Semantic Web Based Intellectual Property Knowledge Base and Trading Platform.

Sommario/riassunto

This book constitutes the refereed proceedings of the fourth Asian Semantic Web Conference, ASWC 2009, held in Shanghai, China, in December 2009. The 35 revised full papers presented were carefully reviewed and selected from 63 submissions. These submissions cover a broad range of topics including, query languages and optimization, rule and logics, scalable reasoning, semantic content generation, database and semantics, semantic web services, eSemantics (e.g., e-Business, e-Science, e-Learning, e-Culture, e-Health), social web and semantics, semantic graph mining, security for semantic web, ontology modeling, ontology management, to name a few.
