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Disciplina	003.54
Soggetti	Artificial intelligence Computer science—Mathematics Database management Information storage and retrieval Artificial Intelligence Discrete Mathematics in Computer Science Database Management Information Storage and Retrieval
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Conceptual Graphs Are Also Graphs -- Argumentation-Based Paraconsistent Logics -- Towards a Framework for Learning from Networked Data -- Games on Graphs -- A Partial-Closure Canonicity Test to Increase the Efficiency of CbO-Type Algorithms -- On Conceptual Graphs and Explanation of Query Answering under Inconsistency -- Defining Key Semantics for the RDF Datasets: Experiments and Evaluations -- A Framework for Qualitative Representation and Reasoning about Spatiotemporal Patterns -- Combining Restricted Boltzmann Machine and One Side Perceptron for Malware Detection -- Knowledge Management and Human Trafficking: Using Conceptual Knowledge Representation, Text Analytics and Open-Source Data to Combat Organized Crime -- Default Reasoning Implementation in CoGui -- Extracting Threshold Conceptual

Structures from Web Documents -- A Formal Topology of Web Classification -- Specifying Well-Formed Part-Whole Relations in Coq -- Automatic Extraction of Semantic Relations by Using Web Statistical Information -- Efficient Representation of Extensional Constraints -- On the Usability of Random Indexing in Patent Retrieval -- Teaching Syllogistics Using Conceptual Graphs -- Principles of Regulated Activation Networks -- Computing Concept Lattices from Very Sparse Large-Scale Formal Contexts -- Swip: A Natural Language to SPARQL Interface Implemented with SPARQL -- Environmental Scanning and Knowledge Representation for the Detection of Organised Crime Threats -- Combining Business Intelligence with Semantic Technologies: The CUBIST Project -- FCA-Based Recommender Models and Data Analysis for Crowdsourcing Platform Witology -- Conceptual Structures in Leading and Best Enterprise Practices -- Eco-Efficient Packaging Material Selection for Fresh Produce: Industrial Session.

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Sommario/riassunto

This book constitutes the proceedings of the 21st International Conference on Conceptual Structures, ICCS 2014, held in Iai, Romania, in July 2014. The 17 regular papers and 6 short papers presented in this volume were carefully reviewed and selected from 40 and 10 submissions, respectively. The topics covered are: conceptual structures, knowledge representation, reasoning, conceptual graphs, formal concept analysis, semantic Web, information integration, machine learning, data mining and information retrieval.

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