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Soggetti	Database management Artificial intelligence Mathematical logic Information storage and retrieval Application software Database Management Artificial Intelligence Mathematical Logic and Formal Languages Information Storage and Retrieval Information Systems Applications (incl. Internet)
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	All About Fuzzy Description Logics and Applications -- Higher-Order Modal Logics: Automation and Applications -- Web Stream Reasoning: from Data Streams to Actionable Knowledge -- Recommender Systems and Linked Open Data -- The TPTP World - Infrastructure for Automated Reasoning -- PSOA Rule ML: Integrated Object-Relational Data and Rules -- Legal Rule ML: Design Principles and Foundations -- The Power of Semantic Rules in Rulelog: Fundamentals and Recent Progress -- Recent Advances in Datalog+/- -- Ontology-mediated query answering with data-tractable description logics -- Towards embedded Answer Set Solving -- Answer Set Programming: A tour from the basics to advanced development tools and industrial applications.

Sommario/riassunto

This volume contains the lecture notes of the 11th Reasoning Web Summer School 2015, held in Berlin, Germany, in July/August 2015. In 2015, the theme of the school was Web Logic Rules. This Summer School is devoted to this perspective, and provides insight into the semantic Web, linked data, ontologies, rules, and logic.