

Contents

All About Fuzzy Description Logics and Applications	1
<i>Umberto Straccia</i>	
Higher-Order Modal Logics: Automation and Applications.	32
<i>Christoph Benz Müller and Bruno Woltzenlogel Paleo</i>	
Web Stream Reasoning: From Data Streams to Actionable Knowledge	75
<i>Alessandra Mileo</i>	
Recommender Systems and Linked Open Data	88
<i>Tommaso Di Noia and Vito Claudio Ostuni</i>	
PSOA RuleML: Integrated Object-Relational Data and Rules	114
<i>Harold Boley</i>	
LegalRuleML: Design Principles and Foundations.	151
<i>Tara Athan, Guido Governatori, Monica Palmirani, Adrian Paschke, and Adam Wyner</i>	
The Power of Semantic Rules in Rulelog: Fundamentals and Recent Progress (Extended Abstract of Tutorial Presentation)	189
<i>Benjamin N. Grosz, Michael Kifer, and Paul Fodor</i>	
Recent Advances in Datalog [±]	193
<i>Georg Gottlob, Michael Morak, and Andreas Pieris</i>	
Ontology-Mediated Query Answering with Data-Tractable Description Logics	218
<i>Meghyn Bienvenu and Magdalena Ortiz</i>	
Answer Set Programming: A Tour from the Basics to Advanced Development Tools and Industrial Applications.	308
<i>Nicola Leone and Francesco Ricca</i>	
The TPTP World - Infrastructure for Automated Reasoning	327
<i>Geoff Sutcliffe</i>	
Towards Embedded Answer Set Solving	330
<i>Torsten Schaub</i>	
Author Index	333

Reasoning Web. Web Logic Rules

11th International Summer School 2015, Berlin,

Germany, July 31 - August 4, 2015, Tutorial Lectures.

Faber, W.; Paschke, A. (Eds.)

2015, IX, 333 p. 46 illus., Softcover

ISBN: 978-3-319-21767-3