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Collana	Lecture Notes in Artificial Intelligence ; ; 8761
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Soggetti	Artificial intelligence Mathematical logic Computer logic Computer programming Information storage and retrieval Database management Artificial Intelligence Mathematical Logic and Formal Languages Logics and Meanings of Programs Programming Techniques Information Storage and Retrieval Database Management
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Nota di contenuto	Query Answering over Description Logic Ontologies -- Tools for the Investigation of Substructural and Paraconsistent Logics -- Non-classical Planning with a Classical Planner: The Power of Transformations -- Opportunities for Argument-Centric Persuasion in Behaviour Change -- The Fuzzy Description Logic G-FL0 with Greatest Fixed-Point Semantics -- Tight Complexity Bounds for Reasoning in the Description Logic BEL -- Relevant Closure: A New Form of Defeasible Reasoning for Description Logics -- Error-Tolerant Reasoning in the Description Logic EL -- Sub-propositional Fragments

of the Interval Temporal Logic of Allen's Relations -- SAT Modulo
Graphs: Acyclicity -- Enumerating Prime Implicants of Propositional
Formulae in Conjunctive Normal Form -- Improving the Normalization
of Weight Rules in Answer Set Programs -- Logical Foundations of
Possibilistic Keys -- Possibilistic Boolean Games: Strategic Reasoning
under Incomplete Information -- LEG Networks for Ranking Functions
-- Logics for Approximating Implication Problems of Saturated
Conditional Independence -- Non-Classical Logics Finitary S5-Theories
-- Efficient Program Transformers for Translating LCC to PDL -- On the
Expressiveness of the Interval Logic of Allen's Relations over Finite and
Discrete Linear Orders -- Only-Knowing a la Halpern-Moses for Non-
omniscient Rational Agents: A Preliminary Report -- Answer-Set
Programming A Complexity Assessment for Queries Involving Sufficient
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Stable Models of Fuzzy Propositional Formulas -- A Free Logic for
Stable Models with Partial Intensional Functions -- Constructive Models
for Contraction with Intransitive Plausibility Indifference -- Four Floors
for the Theory of Theory Change: The Case of Imperfect Discrimination
-- Revisiting Postulates for Inconsistency Measures -- A Translation-
Based Approach for Revision of Argumentation Frameworks -- Dealing
with Inconsistency in ASP and DL Preserving Strong Equivalence while
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Ontologies -- A Prioritized Assertional-Based Revision for DL-Lite
Knowledge Bases -- Modular Paracoherent Answer Sets -- Action
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Action Bases -- System Descriptions System aspmt2smt: Computing
ASPMT Theories by SMT Solvers -- A Library of Anti-unification
Algorithms -- The D-FLAT System for Dynamic Programming on Tree
Decompositions -- ACUOS: A System for Modular ACU Generalization
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Connection Calculus Specifications with Local Search -- Short Papers --
Probabilistic Abstract Dialectical Frameworks -- Argumentative
Aggregation of Individual Opinions -- Measuring Dissimilarity between
Judgment Sets -- Exploiting Answer Set Programming for Handling
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about Dynamic Normative Systems -- A Modal Logic of Knowledge,
Belief, and Estimation -- A Logic for Belief Contraction -- Logic
Foundations of the OCL Modelling Language -- Constraint-Based
Algorithm for Computing Temporal Invariants -- Answer Set Solver
Backdoors -- Incremental SAT-Based Method with Native Boolean
Cardinality Handling for the Hamiltonian Cycle Problem -- Revisiting
Reductants in the Multi-adjoint Logic Programming Framework.

Sommario/riassunto

This book constitutes the proceedings of the 14th European
Conference on Logics in Artificial Intelligence, JELIA 2014, held in
Funchal, Madeira, Portugal, in September 2014. The 35 full papers and
14 short papers included in this volume were carefully reviewed and
selected from 121 submissions. They are organized in topical sections
named: description logics; automated reasoning; logics for uncertain
reasoning; non-classical logics; answer-set programming; belief
revision; dealing with inconsistency in ASP and DL; reason about
actions and causality; system descriptions; short system descriptions;
and short papers. The book also contains 4 full paper invited talks.
