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| Collana | Lecture Notes in Artificial Intelligence ; ; 5293 |
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| Soggetti | Artificial intelligence Logic, Symbolic and mathematical |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Includes index. |
| Nota di bibliografia | Includes bibliographical references and author index. |
| Nota di contenuto | Invited Talks -- Justification Logic -- Voting in Combinatorial Domains: What Logic and AI Have to Say -- Regular Papers -- Strongly Equivalent Temporal Logic Programs -- Consistency Preservation and Crazy Formulas in BMS -- Propositional Clausal Defeasible Logic -- Complexity and Succinctness Issues for Linear-Time Hybrid Logics -- Optimal Tableaux for Right Propositional Neighborhood Logic over Linear Orders -- Normal Form Nested Programs -- A Logic for Closed-World Interaction -- Declarative Semantics for Revision Programming and Connections to Active Integrity Constraints -- Recovering Consistency by Forgetting Inconsistency -- On the Credal Structure of Consistent Probabilities -- A Fluent Calculus Semantics for ADL with Plan Constraints -- Computational Complexity of Semi-stable Semantics in Abstract Argumentation Frameworks -- Query Answering in the Description Logic Horn- -- Accommodative Belief Revision -- Reasoning about Typicality in Preferential Description Logics -- Counting Complexity of Minimal Cardinality and Minimal Weight Abduction -- Uniform Interpolation by Resolution in Modal Logic -- GOAL Agents Instantiate Intention Logic -- Linear Exponentials as Resource Operators: A Decidable First-order Linear Logic with Bounded Exponentials -- Fibrational Semantics for Many-Valued Logic Programs: Grounds for Non-Groundness -- Confluence Operators -- A Game- |

Theoretic Measure of Argument Strength for Abstract Argumentation --
A Tableau for RoBCTL -- A Proof-Theoretic Approach to Deciding
Subsumption and Computing Least Common Subsumer in w.r.t. Hybrid
TBoxes -- Extending Carin to the Description Logics of the Family --
How to Restore Compactness into Probabilistic Logics? -- Combining
Modes of Reasoning: An Application of Abstract Argumentation --
Cheap Boolean Role Constructors for Description Logics -- Improved
Second-Order Quantifier Elimination in Modal Logic -- Literal
Projection for First-Order Logic -- Meta Level Reasoning and Default
Reasoning -- Rule Calculus: Semantics, Axioms and Applications.

Sommario/riassunto

This book constitutes the refereed proceedings of the 11th European Conference on Logics in Artificial Intelligence, JELIA 2008, held in Dresden, Germany, Liverpool, in September/October 2008. The 32 revised full papers presented together with 2 invited talks were carefully reviewed and selected from 98 submissions. The papers cover a broad range of topics including belief revision, description logics, non-monotonic reasoning, multi-agent systems, probabilistic logic, and temporal logic.
