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Disciplina	006.332 005.1015113
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Nota di contenuto	A Tour of Franz Baader's Contributions to Knowledge Representation and Automated Deduction -- Hierarchic Superposition Revisited -- Theory Combination: Beyond Equality Sharing -- Initial Steps Towards a Family of Regular-Like Plan Description Logics -- Reasoning with Justifiable Exceptions in EL_bot Contextualized Knowledge Repositories -- Strong Explanations for Nonmonotonic Reasoning -- A

KLM Perspective on Defeasible Reasoning for Description Logics --
Temporal Logic Programs with Temporal Description Logic Axioms --
The What-To-Ask Problem for Ontology-Based Peers -- From Model
Completeness to Verification of Data Aware Processes -- Situation
Calculus meets Description Logics -- Provenance Analysis: A
Perspective for Description Logics? -- Extending EL⁺⁺ with Linear
Constraints on the Probability of Axioms -- Effective query answering
with Ontologies and DBoxes -- Checking the Data Complexity of
Ontology-Mediated Queries: a Case Study with Non-Uniform CSPs and
Polyanna -- Perceptual Context in Cognitive Hierarchies -- Do Humans
Reason with E-Matchers? -- Pseudo-contractions as gentle repairs --
FunDL: A Family of Feature-Based Description Logics, with Applications
in Querying Structured Data Sources -- Some Thoughts on Forward
Induction in Multi-Agent-Path Finding Under Destination Uncertainty --
Temporally Attributed Description Logics -- Explaining Axiom
Pinpointing -- Asymmetric Unification and Disunification -- Building
and Combining Matching Algorithms -- Presburger Concept Cardinality
Constraints in Very Expressive Description Logics -- A Note on
Unification, Subsumption and Unification Type -- 15 Years of
Consequence-Based Reasoning -- Maximum Entropy Calculations for
the Probabilistic Description Logic ALC^{ME} -- Automating Automated
Reasoning: The Case of Two Generic Automated Reasoning Tools -- On
Bounded-Memory Stream Data Processing with Description Logics.

Sommario/riassunto

This Festschrift has been put together on the occasion of Franz Baader's 60th birthday to celebrate his fundamental and highly influential scientific contributions. The 30 papers in this volume cover several scientific areas that Franz Baader has been working on during the last three decades, including description logics, term rewriting, and the combination of decision procedures. We hope that readers will enjoy the articles gathered in Franz's honour and appreciate the breadth and depth of his favourite areas of computer science.
