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| Collana | Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 14278 |
| Disciplina | 006.3 |
| Soggetti | Artificial intelligence Machine theory Computer science Software engineering Computer systems Microprogramming Artificial Intelligence Formal Languages and Automata Theory Computer Science Logic and Foundations of Programming Software Engineering Computer System Implementation Control Structures and Microprogramming |
| Lingua di pubblicazione | Inglese |
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| Nota di contenuto | Range-Restricted and Horn Interpolation through Clausal Tableaux -- Non-Classical Logics in Satisfiability Modulo Theories -- DefTab: A Tableaux System for Sceptical Consequence in Default Modal Logics -- Non-distributive description logic -- A new calculus for intuitionistic Strong L"ob logic: strong termination and cut-elimination, formalized -- Some Analytic Systems of Rules -- A cut-free, sound and complete Russellian theory of definite descriptions -- Towards Proof-Theoretic Formulation of the General Theory of Term-Forming Operators -- Lemmas: Generation, Selection, Application -- Machine-Learned |

Premise Selection for Lean -- gym-saturation: Gymnasium environments for saturation provers (System description) -- A linear perspective on cut-elimination for non-wellfounded sequent calculi with least and greatest fixed points -- Ill-founded Proof Systems For Intuitionistic Linear-time Temporal Logic -- Proof Systems for the Modal μ -Calculus Obtained by Determinizing Automata -- Extensions of K5: Proof Theory and Uniform Lyndon Interpolation -- On intuitionistic diamonds (and lack thereof) -- NP Complexity for Combinations of Non-Normal Modal Logics -- Resolution-based Calculi for Non-Normal Modal Logics -- Canonicity of Proofs in Constructive Modal Logic -- Proof-theoretic Semantics for Intuitionistic Multiplicative Linear Logic -- The MaxSAT problem in the real-valued MV-algebra -- The Logic of Separation Logic: Models and Proofs -- Testing the Satisfiability of Formulas in Separation Logic with Permissions -- Nested Sequents for Quantified Modal Logics -- A Naive Prover for First-Order Logic: A Minimal Example of Analytic Completeness.

Sommario/riassunto

This open access book constitutes the proceedings of the 32nd International Conference, TABLEAUX 2023, held in Prague, Czech Republic, during September 18–21, 2023.
