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Titolo	Automated Reasoning with Analytic Tableaux and Related Methods [[electronic resource] ] : International Conference, TABLEUX 2005, Koblenz, Germany, September 14-17, 2005, Proceedings / / edited by Bernhard Beckert
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Descrizione fisica	1 online resource (XIV, 346 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 3702
Disciplina	006.3
Soggetti	Artificial intelligence Mathematical logic Computer programming Software engineering Artificial Intelligence Mathematical Logic and Formal Languages Programming Techniques Software Engineering
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Talks -- Query Processing in Peer-to-Peer Systems: An Epistemic Logic Approach -- Description Logics in Ontology Applications -- Automated Reasoning in the Context of the Semantic Web -- Formal Versus Rigorous Mathematics: How to Get Your Papers Published -- Research Papers -- Consistency of Variable Splitting in Free Variable Systems of First-Order Logic -- On the Dynamic Increase of Multiplicities in Matrix Proof Methods for Classical Higher-Order Logic -- A Tableau-Based Decision Procedure for Right Propositional Neighborhood Logic -- Cyclic Proofs for First-Order Logic with Inductive Definitions -- A Tableau-Based Decision Procedure for a Fragment of Graph Theory Involving Reachability and Acyclicity -- Embedding Static Analysis into Tableaux and Sequent Based Frameworks -- A Calculus for Type Predicates and Type Coercion -- A

Tableau Calculus with Automaton-Labelled Formulae for Regular  
Grammar Logics -- Comparing Instance Generation Methods for  
Automated Reasoning -- An Order-Sorted Quantified Modal Logic for  
Meta-ontology -- A Redundancy Analysis of Sequent Proofs -- A  
Tableau Algorithm for Description Logics with Concrete Domains and  
GCIs -- The Space Efficiency of OSHL -- Efficient Query Processing with  
Compiled Knowledge Bases -- Clausal Connection-Based Theorem  
Proving in Intuitionistic First-Order Logic -- Automatic 'Descente  
Infinie' Induction Reasoning -- A Decision Procedure for the  
Alternation-Free Two-Way Modal  $\lambda$ -Calculus -- On the Partial Respects  
in Which a Real Valued Arithmetic System Can Verify Its Tableaux  
Consistency -- System Descriptions -- Pdk: The System and Its  
Language -- Proof Output and Transformation for Disconnection  
Tableaux -- LoTREC: Logical Tableaux Research Engineering  
Companion -- A Tableau-Based Explainer for DL Subsumption --  
CondLean 3.0: Improving CondLean for Stronger Conditional Logics --  
The ILTP Library: Benchmarking Automated Theorem Provers for  
Intuitionistic Logic -- Unit Propagation in a Tableau Framework.

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