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Titolo	Automated Reasoning with Analytic Tableaux and Related Methods [[electronic resource]] : International Conference, TABLEAUX 2000 St Andrews, Scotland, UK, July 3-7, 2000 Proceedings // edited by Roy Dyckhoff
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Descrizione fisica	1 online resource (X, 440 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 1847
Disciplina	006.3/33
Soggetti	Artificial intelligence Programming languages (Electronic computers) Mathematical logic Artificial Intelligence Programming Languages, Compilers, Interpreters Mathematical Logic and Formal Languages
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Invited Lectures -- Tableau Algorithms for Description Logics -- Modality and Databases -- Local Symmetries in Propositional Logic -- Comparison -- Design and Results of TANCS-2000 Non-classical (Modal) Systems Comparison -- Consistency Testing: The RACE Experience -- Benchmark Analysis with FaCT -- MSPASS: Modal Reasoning by Translation and First-Order Resolution -- TANCS-2000 Results for DLP -- Evaluating *SAT on TANCS 2000 Benchmarks -- Research Papers -- A Labelled Tableau Calculus for Nonmonotonic (Cumulative) Consequence Relations -- A Tableau System for Gödel-Dummett Logic Based on a Hypersequent Calculus -- An Analytic Calculus for Quantified Propositional Gödel Logic -- A Tableau Method for Inconsistency-Adaptive Logics -- A Tableau Calculus for Integrating First-Order and Elementary Set Theory Reasoning -- Hypertableau and Path-Hypertableau Calculi for some Families of Intermediate Logics -- Variants of First-Order Modal Logics -- Complexity of Simple

Dependent Bimodal Logics -- Properties of Embeddings from Int to S4
-- Term-Modal Logics -- A Subset-Matching Size-Bounded Cache for
Satisfiability in Modal Logics -- Dual Intuitionistic Logic Revisited --
Model Sets in a Nonconstructive Logic of Partial Terms with Definite
Descriptions -- Search Space Compression in Connection Tableau
Calculi Using Disjunctive Constraints -- Matrix-Based Inductive
Theorem Proving -- Monotonic Preorders for Free Variable Tableaux --
The Mosaic Method for Temporal Logics -- Sequent-Like Tableau
Systems with the Analytic Superformula Property for the Modal Logics
KB, KDB, K5, KD5 -- A Tableau Calculus for Equilibrium Entailment --
Towards Tableau-Based Decision Procedures for Non-Well-Founded
Fragments of Set Theory -- Tableau Calculus for Only Knowing and
Knowing At Most -- A Tableau-Like Representation Framework for
Efficient Proof Reconstruction -- The Semantic Tableaux Version of the
Second Incompleteness Theorem Extends Almost to Robinson's
Arithmetic Q -- System Descriptions -- Redundancy-Free
Lemmatization in the Automated Model-Elimination Theorem Prover
AI-SETHEO -- E-SETHEO: An Automated³ Theorem Prover.
