

1. Record Nr.	UNISA996465581903316
Titolo	Automated Deduction in Classical and Non-Classical Logics [[electronic resource] ] : Selected Papers / / edited by Ricardo Caferra, Gernot Salzer
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2000
ISBN	3-540-46508-1
Edizione	[1st ed. 2000.]
Descrizione fisica	1 online resource (VIII, 304 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 1761
Disciplina	006.3/33
Soggetti	Artificial intelligence Mathematical logic Computer logic Artificial Intelligence Mathematical Logic and Formal Languages Logics and Meanings of Programs
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 and index.
Nota di contenuto	Invited Papers -- Automated Theorem Proving in First-Order Logic Modulo: On the Difference between Type Theory and Set Theory -- Higher-Order Modal Logic—A Sketch -- Proving Associative- Commutative Termination Using RPO-Compatible Orderings -- Decision Procedures and Model Building or How to Improve Logical Information in Automated Deduction -- Replacement Rules with Definition Detection -- Contributed Papers -- On the Complexity of Finite Sorted Algebras -- A Further and Effective Liberalization of the ?- Rule in Free Variable Semantic Tableaux -- A New Fast Tableau-Based Decision Procedure for an Unquantified Fragment of Set Theory -- Interpretation of a Mizar-Like Logic in First Order Logic -- An $((n \cdot \log n)^3)$ -Time Transformation from Grz into Decidable Fragments of Classical First-Order Logic -- Implicational Completeness of Signed Resolution -- An Equational Re-engineering of Set Theories -- Issues of Decidability for Description Logics in the Framework of Resolution -- Extending Decidable Clause Classes via Constraints -- Completeness

and Redundancy in Constrained Clause Logic -- Effective Properties of Some First Order Intuitionistic Modal Logics -- Hidden Congruent Deduction -- Resolution-Based Theorem Proving for SH n-Logics -- Full First-Order Sequent and Tableau Calculi With Preservation of Solutions and the Liberalized ?-Rule but Without Skolemization.

---