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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Invited Talks -- Program Termination Analysis by Size-Change Graphs (Abstract) -- SET Cardholder Registration: The Secrecy Proofs -- SET Cardholder Registration: The Secrecy Proofs -- Algorithms, Datastructures, and other Issues in Efficient Automated Deduction -- Algorithms, Datastructures, and other Issues in Efficient Automated Deduction -- Description, Modal and temporal Logics -- The Description Logic ALCNH R + Extended with Concrete Domains: A Practically Motivated Approach -- NExpTime-Complete Description Logics with Concrete Domains -- Exploiting Pseudo Models for TBox and ABox Reasoning in Expressive Description Logics -- Exploiting Pseudo Models for TBox and ABox Reasoning in Expressive Description Logics -- The Hybrid ?-Calculus -- The Hybrid ?-Calculus -- The

Inverse Method Implements the Automata Approach for Modal Satisfiability -- The Inverse Method Implements the Automata Approach for Modal Satisfiability -- Deduction-Based Decision Procedure for a Clausal Miniscoped Fragment of FTL -- Deduction-Based Decision Procedure for a Clausal Miniscoped Fragment of FTL -- Tableaux for Temporal Description Logic with Constant Domains -- Tableaux for Temporal Description Logic with Constant Domains -- Free-Variable Tableaux for Constant-Domain Quantified Modal Logics with Rigid and Non-rigid Designation -- Free-Variable Tableaux for Constant-Domain Quantified Modal Logics with Rigid and Non-rigid Designation -- Saturation Based Theorem Proving, Applications, and Data Structures -- Instructing Equational Set-Reasoning with Otter -- NP-Completeness of Refutability by Literal-Once Resolution -- Ordered Resolution vs. Connection Graph resolution -- A Model-Based Completeness Proof of Extended Narrowing and Resolution -- A Model-Based Completeness Proof of Extended Narrowing and Resolution -- A Resolution-Based Decision Procedure for the Two-Variable Fragment with Equality -- A Resolution-Based Decision Procedure for the Two-Variable Fragment with Equality -- Superposition and Chaining for Totally Ordered Divisible Abelian Groups -- Superposition and Chaining for Totally Ordered Divisible Abelian Groups -- Context Trees -- Context Trees -- On the Evaluation of Indexing Techniques for Theorem Proving -- On the Evaluation of Indexing Techniques for Theorem Proving -- Logic Programming and Nonmonotonic Reasoning -- Preferred Extensions of Argumentation Frameworks: Query, Answering, and Computation -- Bunched Logic Programming -- A Top-Down Procedure for Disjunctive Well-Founded Semantics -- A Second-Order Theorem Prover Applied to Circumscription -- NoMoRe: A System for Non-Monotonic Reasoning with Logic Programs under Answer Set Semantics -- NoMoRe: A System for Non-Monotonic Reasoning with Logic Programs under Answer Set Semantics -- Propositional Satisfiability and Quantified Boolean Logic -- Conditional Pure Literal Graphs -- Evaluating Search Heuristics and Optimization Techniques in Propositional Satisfiability -- QuBE: A System for Deciding Quantified Boolean Formulas Satisfiability -- System Abstract: E 0.61 -- Vampire 1.1 -- DCTP - A Disconnection Calculus Theorem Prover - System Abstract -- DCTP - A Disconnection Calculus Theorem Prover - System Abstract -- Logical Frameworks, Higher-Order Logic, Interactive Theorem Proving -- More On Implicit Syntax -- Termination and Reduction Checking for Higher-Order Logic Programs -- P.rex: An Interactive Proof Explainer -- JProver: Integrating Connection-Based Theorem Proving into Interactive Proof Assistants -- Semantic Guidance -- The eXtended Least Number Heuristic -- System Description: SCOTT-5 -- Combination of Distributed Search and Multi-Search in Peers-mcd.d -- Lotrec: The Generic Tableau Prover for Modal and Description Logics -- The modprof Theorem Prover -- A New System and Methodology for Generating Random Modal Formulae -- Equational Theorem Proving and Term Rewriting -- Decidable Classes of Inductive Theorems -- Automated Incremental Termination Proofs for Hierarchically Defined Term Rewriting Systems -- Decidability and Complexity of Finitely Closable Linear Equational Theories -- A New Meta-Complexity Theorem for Bottom-Up Logic Programs -- Tableau, Sequent, Natural Deduction Calculi and Proof Theory -- Canonical Propositional Gentzen-Type Systems -- Incremental Closure of Free Variable Tableaux -- Deriving Modular Programs from Short Proofs -- A General Method for Using Schematizations in Automated Deduction -- Automata, Specification, Verification, and Logics of Programs -- Approximating Dependency Graphs Using Tree Automata Techniques

-- On the Use of Weak Automata for Deciding Linear Arithmetic with Integer and Real Variables -- A Sequent Calculus for First-Order Dynamic Logic with Trace Modalities -- Flaw Detection in Formal Specifications -- CCE: Testing Ground Joinability -- System Description: RDL Rewrite and Decision Procedure Laboratory -- lolliCoP — A Linear Logic Implementation of a Lean Connection-Method Theorem Prover for First-Order Classical Logic -- Nonclassical Logics -- Muscadet 2.3: A Knowledge-Based Theorem Prover Based on Natural Deduction -- Hilberticus - A Tool Deciding an Elementary Sublanguage of Set Theory -- STRIP: Structural Sharing for Efficient Proof-Search -- RACER System Description.