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Titolo	Logic for Programming, Artificial Intelligence, and Reasoning [[electronic resource]] : 14th International Conference, LPAR 2007, Yerevan, Armenia, October 15-19, 2007, Proceedings / / edited by Nachum Dershowitz, Andrei Voronkov
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Descrizione fisica	1 online resource (XIII, 564 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 4790
Disciplina	006.3
Soggetti	Software engineering Artificial intelligence Computer programming Computer logic Mathematical logic Software Engineering/Programming and Operating Systems Artificial Intelligence Programming Techniques Software Engineering Logics and Meanings of Programs 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 and index.
Nota di contenuto	From Hilbert's Program to a Logic Toolbox -- On the Notion of Vacuous Truth -- Whatever Happened to Deductive Question Answering? -- Decidable Fragments of Many-Sorted Logic -- One-Pass Tableaux for Computation Tree Logic -- Extending a Resolution Prover for Inequalities on Elementary Functions -- Model Checking the First-Order Fragment of Higher-Order Fixpoint Logic -- Monadic Fragments of Gödel Logics: Decidability and Undecidability Results -- Least and Greatest Fixed Points in Linear Logic -- The Semantics of Consistency and Trust in Peer Data Exchange Systems -- Completeness and Decidability in Sequence Logic -- HORPO with Computability Closure: A

Reconstruction -- Zenon: An Extensible Automated Theorem Prover  
Producing Checkable Proofs -- Matching in Hybrid Terminologies --  
Verifying Cryptographic Protocols with Subterms Constraints --  
Deciding Knowledge in Security Protocols for Monoidal Equational  
Theories -- Mechanized Verification of CPS Transformations --  
Operational and Epistemic Approaches to Protocol Analysis: Bridging  
the Gap -- Protocol Verification Via Rigid/Flexible Resolution --  
Preferential Description Logics -- On Two Extensions of Abstract  
Categorial Grammars -- Why Would You Trust B? -- How Many Legs Do  
I Have? Non-Simple Roles in Number Restrictions Revisited -- On Finite  
Satisfiability of the Guarded Fragment with Equivalence or Transitive  
Guards -- Data Complexity in the Family of Description Logics -- An  
Extension of the Knuth-Bendix Ordering with LPO-Like Properties --  
Retractile Proof Nets of the Purely Multiplicative and Additive Fragment  
of Linear Logic -- Integrating Inductive Definitions in SAT -- The  
Separation Theorem for Differential Interaction Nets -- Complexity of  
Planning in Action Formalisms Based on Description Logics -- Faster  
Phylogenetic Inference with MXG -- Enriched  $\mathcal{?}$ -Calculus Pushdown  
Module Checking -- Approved Models for Normal Logic Programs --  
Permutative Additives and Exponentials -- Algorithms for Propositional  
Model Counting -- Completeness for Flat Modal Fixpoint Logics -- :  
Decidable Non-monotonic Disjunctive Logic Programs with Function  
Symbols -- The Complexity of Temporal Logic with Until and Since over  
Ordinals -- ATP Cross-Verification of the Mizar MPTP Challenge  
Problems.

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