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Soggetti	Software engineering Computer programming Artificial intelligence Programming languages (Electronic computers) Computer logic Mathematical logic Software Engineering/Programming and Operating Systems Programming Techniques Artificial Intelligence Programming Languages, Compilers, Interpreters Logics and Meanings of Programs Mathematical Logic and Formal Languages
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	OWL: A Description Logic Based Ontology Language -- Preference Reasoning -- The G12 Project: Mapping Solver Independent Models to Efficient Solutions -- Use of Logic Programming for Complex Business Rules -- A Generator of Efficient Abstract Machine Implementations and Its Application to Emulator Minimization -- On the Relation Between Answer Set and SAT Procedures (or, Between cmodels and smodels) -- Towards an Integration of Answer Set and Constraint Solving -- A Comparison of CLP(FD) and ASP Solutions to NP-Complete Problems -- Guard and Continuation Optimization for Occurrence

Representations of CHR -- Coordination of Many Agents --  
Parallelizing Union-Find in Constraint Handling Rules Using Confluence  
Analysis -- An Optimised Semantic Web Query Language  
Implementation in Prolog -- A Distributed and Probabilistic Concurrent  
Constraint Programming Language -- HYPROLOG: A New Logic  
Programming Language with Assumptions and Abduction -- Abduction  
of Linear Arithmetic Constraints -- Towards Implementations for  
Advanced Equivalence Checking in Answer-Set Programming -- Hybrid  
Probabilistic Logic Programs with Non-monotonic Negation --  
Reducing Inductive Definitions to Propositional Satisfiability --  
Symbolic Support Graph: A Space Efficient Data Structure for  
Incremental Tabled Evaluation -- Dynamic Mixed-Strategy Evaluation of  
Tabled Logic Programs -- Nondeterminism Analysis of Functional Logic  
Programs -- Techniques for Scaling Up Analyses Based on Pre-  
interpretations -- Deductive Multi-valued Model Checking --  
Polynomial Interpretations as a Basis for Termination Analysis of Logic  
Programs -- Testing for Termination with Monotonicity Constraints --  
A Well-Founded Semantics with Disjunction -- Semantics of Framed  
Temporal Logic Programs -- Practical Higher-Order Pattern Unification  
with On-the-Fly Raising -- Small Proof Witnesses for LF -- A Type  
System for CHR -- Decision Support for Personalization on Mobile  
Devices -- A Generic Framework for the Analysis and Specialization of  
Logic Programs -- The Need for Ancestor Resolution When Answering  
Queries in Horn Clause Logic -- Modeling Systems in CLP -- A  
Sufficient Condition for Strong Equivalence Under the Well-Founded  
Semantics -- IMPACT: Innovative Models for Prolog with Advanced  
Control and Tabling -- Using CLP to Characterise Linguistic Lattice  
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Algorithms and Constraint Propagation for the BACP -- The MYDDAS  
Project: Using a Deductive Database for Traffic Characterization --  
Open World Reasoning in Datalog -- Optimizing Queries for  
Heterogeneous Information Sources -- Denotational Semantics Using  
Horn Concurrent Transaction Logic -- GenTra4cp: A Generic Trace  
Format for Constraint Programming -- Analyses, Optimizations and  
Extensions of Constraint Handling Rules: Ph.D. Summary --  
Formalization and Verification of Interaction Protocols -- -LTL for  
Constraint-Based Security Protocol Analysis -- Concurrent  
Methodologies for Global Optimization -- A Temporal Programming  
Language for Heterogeneous Information Systems -- Nonmonotonic  
Logic Programs for the Semantic Web -- ICLP 2005 Doctoral  
Consortium -- Analysis and Optimization of CHR Programs.

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