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Titolo	Logic Programming and Nonmonotonic Reasoning [[electronic resource]] : 8th International Conference, LPNMR 2005, Diamante, Italy, September 5-8, 2005, Proceedings // edited by Chitta Baral, Gianluigi Greco, Nicola Leone, Giorgio Terracina
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Edizione	[1st ed. 2005.]
Descrizione fisica	1 online resource (XIV, 462 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 3662
Disciplina	005.1/5
Soggetti	Artificial intelligence Computer logic Software engineering Mathematical logic Computer programming Artificial Intelligence Logics and Meanings of Programs Software Engineering Mathematical Logic and Formal Languages Programming Techniques
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 -- Nonmonotonic Reasoning in FLORA-2 -- Data Integration and Answer Set Programming -- Halo I: A Controlled Experiment for Large Scale Knowledge Base Development -- ASP Foundations -- Unfounded Sets for Disjunctive Logic Programs with Arbitrary Aggregates -- Loops: Relevant or Redundant? -- Approximating Answer Sets of Unitary Lifschitz-Woo Programs -- On Modular Translations and Strong Equivalence -- ASP Extensions -- Guarded Open Answer Set Programming -- External Sources of Computation for Answer Set Solvers -- Answer Sets for Propositional Theories -- Applications -- An ID-Logic Formalization of the Composition of Autonomous Databases -- On the Local Closed-World

Assumption of Data-Sources -- Computing Dialectical Trees Efficiently
in Possibilistic Defeasible Logic Programming -- Actions and
Causations -- An Approximation of Action Theories of and Its
Application to Conformant Planning -- Game-Theoretic Reasoning
About Actions in Nonmonotonic Causal Theories -- Some Logical
Properties of Nonmonotonic Causal Theories -- Modular-?: An
Elaboration Tolerant Approach to the Ramification and Qualification
Problems -- Algorithms and Computation -- Platypus: A Platform for
Distributed Answer Set Solving -- Solving Hard ASP Programs Efficiently
-- Mode-Directed Fixed Point Computation -- Lookahead in Smodels
Compared to Local Consistencies in CSP -- Foundations -- Nested
Epistemic Logic Programs -- An Algebraic Account of Modularity in ID-
Logic -- Default Reasoning with Preference Within Only Knowing Logic
-- Semantics -- A Social Semantics for Multi-agent Systems --
Revisiting the Semantics of Interval Probabilistic Logic Programs --
Routley Semantics for Answer Sets -- The Well Supported Semantics for
Multidimensional Dynamic Logic Programs -- Application Track --
Application of Smodels in Quartet Based Phylogeny Construction --
Using Answer Set Programming for a Decision Support System -- Data
Integration: a Challenging ASP Application -- Abduction and
Preferences in Linguistics -- Inference of Gene Relations from
Microarray Data by Abduction -- System Track -- nomore: A System for
Computing Preferred Answer Sets -- Integrating an Answer Set Solver
into Prolog: - -- circ2dlp — Translating Circumscription into
Disjunctive Logic Programming -- Pmodels — Software to Compute
Stable Models by Pseudoboolean Solvers -- KMonitor— A Tool for
Monitoring Plan Execution in Action Theories -- The nomore++ System
-- Smodels A — A System for Computing Answer Sets of Logic
Programs with Aggregates -- A DLP System with Object-Oriented
Features -- Testing Strong Equivalence of Datalog Programs –
Implementation and Examples -- SELP – A System for Studying Strong
Equivalence Between Logic Programs -- cmodels – SAT-Based
Disjunctive Answer Set Solver.
