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		Optical data processing
		Artificial Intelligence
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	Nota di contenuto	Preferential Semantics for the Logic of Comparative Similarity over Triangular and Metric Models -- Nested Sequent Calculi for Conditional Logics -- Conflict-Tolerant Semantics for Argumentation Frameworks -- Knowledge Means 'All ', Belief Means 'Most' -- Generalized DEL-Sequents -- Deciding the Bisimilarity Relation between Datalog Goals -- Inconsistency Management for Traffic Regulations: Formalization and Complexity Results -- Conditional Epistemic Planning -- PTL: A Propositional Typicality Logic -- The Complexity of One-Agent

Refinement Modal Logic -- The View-Update Problem for Indefinite Databases -- Three-Valued Logics for Incomplete Information and Epistemic Logic -- Exploiting Unfounded Sets for HEX-Program Evaluation -- Using Satisfiability for Non-optimal Temporal Planning -- How to Exploit Parametric Uniformity for Maximum Entropy Reasoning in a Relational Probabilistic Logic -- Exact Query Reformulation with First-Order Ontologies and Databases -- A Selective Semantics for Logic Programs with Preferences -- A Minimal Model Semantics for Nonmonotonic Reasoning -- Extending a Temporal Defeasible Argumentation Framework with Possibilistic Weights -- On Decidability of a Logic for Order of Magnitude Qualitative Reasoning with Bidirectional Negligibility -- Fault Tolerance in Belief Formation Networks -- Large-Scale Cost-Based Abduction in Full-Fledged First-Order Predicate Logic with Cutting Plane Inference -- Belief Base Change Operations for Answer Set Programming -- A Framework for Semantic-Based Similarity Measures for ELH-Concepts -- Sequent Systems for Lewis' Conditional Logics -- Relevant Minimal Change in Belief Update -- Minimal Proof Search for Modal Logic K Model Checking -- Building an Epistemic Logic for Argumentation -- A Unifying Perspective on Knowledge Updates -- Verifying Brahms Human-Robot Teamwork Models -- On Satisfiability in ATL with Strategy Contexts -- Jumping to Conclusions: A Logico-Probabilistic Foundation for Defeasible Rule-Based Arguments -- Beyond Maxi-Consistent Argumentation Operators -- Reasoning about Agent Programs Using ATL-Like Logics -- Qualitative Approximate Behavior Composition -- A Preferential Framework for Trivialization-Resistant Reasoning with Inconsistent Information -- DebateWEL: An Interface for Debating with Enthymemes and Logical Formulas -- OMiGA: An Open Minded Grounding On-The-Fly Answer Set Solver -- The Multi-Engine ASP Solver ME-ASP -- A System for the Use of Answer Set Programming in Reinforcement Learning -- The Tableau Prover Generator MetTeL2.

Sommario/riassunto	This book constitutes the refereed proceedings of the 13th European Conference on Logics in Artificial Intelligence, held in Toulouse, France, in September 2012. The book includes 3 invited talks, 36 regular papers, and 5 system descriptions, selected from 107 submissions. The papers cover various aspects of theory and methods of logic for artificial intelligence.