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Soggetti	Artificial intelligence Computer programming Compilers (Computer programs) Algorithms Computer science Machine theory Artificial Intelligence Programming Techniques Compilers and Interpreters Design and Analysis of Algorithms Computer Science Logic and Foundations of Programming Formal Languages and Automata Theory
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Nota di contenuto	Logic and Automated Deduction -- Dynamic Modal Logic with Counting: when Reduction Axioms Work and Fail -- Solving Modal Logic Problems by Translation to Higher-order Logic -- Formalizing the Unexpected Hanging Paradox: a Classical Surprise -- Abstract and Structured Argumentation -- Weakest Link in Formal Argumentation: Lookahead and Principle-based Analysis -- A Logical Encoding for k-m-Realization of Extensions in Abstract Argumentation -- Topological

Conditions and Solutions for Repairing Argumentation Frameworks -- Dialogues, Games and Practical Reasoning -- Providing personalized Explanations: a Conversational Approach -- Audience irrelevance in Strategic Argumentation Games -- A Structured Bipolar Argumentation Theory for Providing Explanations in Practical Reasoning -- Quantitative Argumentation -- A Filtering-based General Approach to Learning Rational Constraints of Epistemic Graphs -- FuzzyLabeling Semantics for Quantitative Argumentation -- A Logic for Preference Lifting under Uncertainty and its Decidability.

Sommario/riassunto

This book constitutes the refereed proceedings of the 5th International Conference on Logic and Argumentation, CLAR 2023, held in Hangzhou, China, during September 10-12, 2023. The 11 full papers, one short paper and one invited paper presented in this book were carefully reviewed and selected from 20 submissions. The papers focus on topics such as: logic and automated deduction; abstract and structured argumentation; dialogues, games and practical reasoning; and quantitative argumentation.
