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Nota di contenuto	Decisions, Actions, and Games: A Logical Perspective -- Machine Checking Proof Theory: An Application of Logic to Logic -- Some Second Order Set Theory -- Connection Matrices for MSOL-Definable

Structural Invariants -- Knowledge, Games and Tales from the East --  
A Para Consistent Fuzzy Logic -- From Philosophical to Industrial  
Logics -- Game Quantification Patterns -- Extensive Questions -- An  
Analytic Logic of Aggregation -- Instantial Relevance in Polyadic  
Inductive Logic -- Algebraic Study of Lattice-Valued Logic and Lattice-  
Valued Modal Logic -- A General Setting for the Pointwise Investigation  
of Determinacy -- A Two-Dimensional Hybrid Logic of Subset Spaces  
-- A Unified Framework for Certificate and Compilation for QBF --  
Towards Decidability of Conjugacy of Pairs and Triples -- Gautama –  
Ontology Editor Based on Nyaya Logic -- Formal Definitions of Reason  
Fallacies to Aid Defect Exploration in Argument Gaming -- The Art of  
Non-asserting: Dialogue with Nāgārjuna.

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## Sommario/riassunto

Edited in collaboration with FoLLI, the Association of Logic, Language and Information, this book constitutes the 5th volume of the FoLLI LNAI subline. It contains the refereed proceedings of the Third Indian Conference on Logic and Its Applications, ICLA 2009, held in Chennai, India, in January 2009. The 12 revised full papers presented together with 7 invited lectures were carefully reviewed and selected from numerous submissions. The papers present current research in all aspects of formal logic. They address in detail: algebraic logic and set theory, combinatorics and philosophical logic, modal logics with applications to computer science and game theory, and connections between ancient logic systems and modern systems.

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