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Nota di contenuto	Modeling Language Design for Complex Systems Simulation -- Formalization of Mathematics for Fun and Profit -- From Residuated Lattices via GBI-algebras to BAOs -- Towards a Nominal Chomsky Hierarchy -- Multi-Linear Algebraic Semantics for Natural Language -- Categories of Games -- Learning in the limit, general topology, and modal logic -- The Word Problem for Finitely Presented Quandles is Undecidable -- Intuitionistic Ancestral Logic as a Dependently Typed Abstract Programming Language -- On Topologically Relevant Fragments of the Logic of Linear Flows of Time -- An Equation-Based Classical Logic -- Cyclic multiplicative proof nets of linear logic with an application to language parsing -- A Dichotomy Result for Ramsey Quantifiers -- Parametric Polymorphism { Universally -- On the weak index problem for game automata -- Proof-theoretic aspects of the Lambek-Grishin Calculus -- Syllogistic Logic with "Most" --

Sommario/riassunto

Edited in collaboration with FoLLI, the Association of Logic, Language and Information this book constitutes the refereed proceedings of the 22nd Workshop on Logic, Language, Information and Computation, WoLLIC 2015, held in the campus of Indiana University, Bloomington, IN, USA in July 2015. The 14 contributed papers, presented together with 8 invited lectures and 4 tutorials, were carefully reviewed and selected from 44 submissions. The focus of the workshop was on interdisciplinary research involving formal logic, computing and programming theory, and natural language and reasoning.