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Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 7758
Disciplina	004.015113
Soggetti	Image processing—Digital techniques Computer vision Artificial intelligence Machine theory Computer Imaging, Vision, Pattern Recognition and Graphics Artificial Intelligence Formal Languages and Automata Theory
Lingua di pubblicazione	Inglese
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Nota di contenuto	Part 1: Summaries of Tutorials. -Computational Social Choice (with a Special Emphasis on the Use of Logic) -- Binding – Data, Theory, Typology -- Lukasiewicz Logic: An Introduction -- Part 2: Contributions in Language The Information Structure and Typological Peculiarities of the Georgian Passive Constructions -- Discourse Structuring Questions and Scalar Implicatures -- Towards a Logic of Information Exchange: An Inquisitive Witness Semantics -- Sitting, Standing, and Lying in Frames: A Frame-Based Approach to Posture Verbs -- Alleged Assassins: Realist and Constructivist Semantics for Modal Modification -- An Outline of a Dynamic Theory of Frames -- What Does It Mean for an Indefinite to Be Presuppositional? -- Part 3: Contributions in Logic and Computation Dynamics of Defeasible and Tentative Inference -- Decidability for Justification Logics Revisited --

Interpreted Systems Semantics for Process Algebra with Identity Annotations -- The Duality of State and Observation in Probabilistic Transition Systems -- Model Checking for Modal Intuitionistic Dependence Logic -- Coalgebraic Predicate Logic: Equipollence Results and Proof Theory.

Sommario/riassunto

This book constitutes the refereed proceedings of the 9th International Tbilisi Symposium on Logic, Language, and Computation, TbiLLC 2011, held in Kutaisi, Georgia, in September 2011. The book consists of summaries of 3 tutorials presented at the symposium together with 13 full papers that were carefully reviewed and selected from the submissions. The papers are organized in two sections, one on Language and one on Logic and Computation. The range of topics covered in the Language section includes natural language syntax, semantics, and pragmatics, frames in natural language semantics, linguistic typology, and discourse phenomena. The papers in the Logic and Computation section cover such topics as constructive, modal, algebraic, and philosophical logic, as well as logics for computer science applications.
