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Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 7860
Disciplina	303.4833
Soggetti	Computer science Machine theory Algorithms Software engineering Compilers (Computer programs) Computer Science Logic and Foundations of Programming Theory of Computation Formal Languages and Automata Theory Software Engineering Compilers and Interpreters
Lingua di pubblicazione	Inglese
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Nota di contenuto	Use of a Canonical Hidden-Variable Space in Quantum Mechanics -- Imperfect Information in Logic and Concurrent Games -- Compositional Quantum Logic -- The Algebra of Directed Acyclic Graphs -- Diagrammatic Reasoning for Delay-Insensitive Asynchronous Circuits -- Payoffs, Intensionality and Abstraction in Games -- On the Theory of Composition in Physics -- On the Functor 2 -- Quantum Speedup and Categorical Distributivity -- Unifying Semantics for Concurrent Programming -- Unfixing the Fixpoint: The Theories of the Y -Calculus -- Continuous Domain Theory in Logical Form -- Presheaf Models of Quantum Computation: An Outline -- Nothing Can Be Fixed -- Dialogue Categories and Frobenius Monoids -- Anatomy of a

Domain of Continuous Random Variables II -- Towards Nominal  
Abramsky -- Techniques for Formal Modelling and Analysis of  
Quantum Systems -- Quantum Field Theory for Legspinners --  
Bicompletions of Distance Matrices -- Partial Recursive Functions and  
Finality -- Breaking the Atom with Samson -- Reasoning about  
Strategies -- Domain Theory in Topical Form -- Kolmogorov  
Complexity of Categories.

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Sommario/riassunto

This Festschrift volume, published in honor of Samson Abramsky, contains contributions written by some of his colleagues, former students, and friends. In celebration of the 60th birthday of Samson Abramsky, a conference was held in Oxford, UK, during May 28-30, 2010. The papers in this volume represent his manifold contributions to semantics, logic, games, and quantum mechanics.

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