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Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 6859
Disciplina	004.0151
Soggetti	Computer science Machine theory Computer science—Mathematics Discrete mathematics Computer Science Logic and Foundations of Programming Formal Languages and Automata Theory Discrete Mathematics in Computer Science Symbolic and Algebraic Manipulation Models of Computation Theory of Computation
Lingua di pubblicazione	Inglese
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Note generali	Includes Index.
Nota di contenuto	On the statistical thermodynamics of reversible communicating processes / Giorgio Bacci, Vincent Danos, Ohad Kammar -- Solving fixed-point equations by derivation tree analysis / Javier Esparza, Michael Luttenberger.
Sommario/riassunto	This book constitutes the refereed proceedings of the 4th International Conference on Algebra and Coalgebra in Computer Science, CALCO 2011, held in Winchester, UK, in August/September 2011. The 21 full papers presented together with 4 invited talks were carefully reviewed and selected from 41 submissions. The papers report results of theoretical work on the mathematics of algebras and coalgebras, the

way these results can support methods and techniques for software development, as well as experience with the transfer of the resulting technologies into industrial practice. They cover topics in the fields of abstract models and logics, specialized models and calculi, algebraic and coalgebraic semantics, and system specification and verification. The book also includes 6 papers from the CALCO-tools Workshop, colocated with CALCO 2011 and dedicated to tools based on algebraic and/or coalgebraic principles.
