

1. Record Nr.	UNINA9910484370903321
Titolo	Algebra and coalgebra in computer science : third international conference, CALCO 2009, Udine, Italy, September 7-10, 2009, proceedings // Alexander Kurz, Marina Lenisa, Andrzej Tarlecki (eds.)
Pubbl/distr/stampa	Berlin ; ; Heidelberg, : Springer-Verlag, 2009
ISBN	3-642-03741-0
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (XI, 457 p.)
Collana	Lecture notes in computer science, , 0302-9743 ; ; 5728
Classificazione	DAT 500f DAT 702f MAT 110f SS 4800
Altri autori (Persone)	KurzAlexander LenisaMarina TarleckiAndrzej
Disciplina	004.0151
Soggetti	Algebra - Data processing Computational complexity Computer science Logic design
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Algebraic Effects and Recursive Equations -- Adequacy for Infinitary Algebraic Effects (Abstract) -- Algebras for Parameterised Monads -- Kleene Monads: Handling Iteration in a Framework of Generic Effects -- Complete Iterativity for Algebras with Effects -- Semantics of Higher-Order Recursion Schemes -- Theory of Coalgebra -- Coalgebraic Components in a Many-Sorted Microcosm -- Complementation of Coalgebra Automata -- Characterising Behavioural Equivalence: Three Sides of One Coin -- Coinduction -- Let's See How Things Unfold: Reconciling the Infinite with the Intensional (Extended Abstract) -- Circular Coinduction: A Proof Theoretical Foundation -- Bisimulation -- Approximating Labelled Markov Processes Again! -- Weak Bisimilarity Coalgebraically -- Coalgebraic Symbolic Semantics -- Relating Coalgebraic Notions of Bisimulation -- Traces, Executions and Schedulers, Coalgebraically -- Non-strongly Stable Orders Also Define

Interesting Simulation Relations -- Stone Duality -- Stone Duality and the Recognisable Languages over an Algebra -- Free Heyting Algebras: Revisited -- Distributive Lattice-Structured Ontologies -- A Duality Theorem for Real C^* Algebras -- Game Theory -- Conway Games, Coalgebraically -- A Semantical Approach to Equilibria and Rationality -- Graph Transformation -- Van Kampen Colimits as Bicolimits in Span -- Unfolding Grammars in Adhesive Categories -- Software Development Techniques -- Views on Behaviour Protocols and Their Semantic Foundation -- Correctness, Completeness and Termination of Pattern-Based Model-to-Model Transformation -- Constructor-Based Institutions -- CALCO Tools Workshop -- DBtk: A Toolkit for Directed Bigraphs -- Constraint-Muse: A Soft-Constraint Based System for Music Therapy -- CIRC: A Behavioral Verification Tool Based on Circular Coinduction -- The Priced-Timed Maude Tool -- A Tool Proving Well-Definedness of Streams Using Termination Tools.
