

1. Record Nr.	UNINA9910483645303321
Titolo	Recent Trends in Algebraic Development Techniques : 22nd International Workshop, WADT 2014, Sinaia, Romania, September 4-7, 2014, Revised Selected Papers / / edited by Mihai Codescu, Rzvan Diaconescu, Ionu uu
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	9783319281148 3319281143
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (XI, 171 p. 35 illus. in color.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 9463
Disciplina	004.0151
Soggetti	Computer science Machine theory Computer science - Mathematics Software engineering Logic, Symbolic and mathematical Computer Science Logic and Foundations of Programming Formal Languages and Automata Theory Mathematics of Computing Software Engineering Theory of Computation Mathematical Logic and Foundations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	On Logic Embeddings and Gödel's God -- An Institutional Foundation for the K Semantic Framework -- A Theoretical Foundation for Programming Languages Aggregation -- Coalgebraic Semantics of Heavy-Weighted Automata -- Foundations of Logic Programming in Hybridised Logics -- What Is a Derived Signature Morphism? -- Use Case Analysis Based on Formal Methods: An Empirical Study -- A Full Operational Semantics for Asynchronous Relational Networks -- A SOC-Based Formal Specification and Verification of Hybrid Systems.

Sommario/riassunto

This book constitutes the thoroughly refereed post-conference proceedings of the 22nd International Workshop on Algebraic Development Techniques, WADT 2014, held in September 2014 in Sinaia, Romania. The 8 revised papers presented were carefully reviewed and selected from 13 presentations and focus together with one invited paper on foundations of algebraic specification, approaches to formal specification including process calculi and models of concurrent, distributed and mobile computing, specification languages, methods, and environments, semantics of conceptual modeling methods and techniques, model-driven development, graph transformations, term rewriting and proof systems, integration of formal specification techniques, formal testing and quality assurance, validation, and verification.
