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Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 11152
Disciplina	005.1015113
Soggetti	Computer science Compilers (Computer programs) Software engineering Computer programming Machine theory Computer Science Logic and Foundations of Programming Compilers and Interpreters Software Engineering Programming Techniques Formal Languages and Automata Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Benchmarking Implementations of Term Rewriting and Pattern Matching in Algebraic, Functional, and Object-Oriented Languages - The 4th Rewrite Engines Competition -- Automaton and Equation based Approximations for Reachability Analysis -- Multiparadigm Programming in Maude -- MUnit: A Unit testing framework for Maude -- Parameterized Programming for Compositional System Specification -- Specification and Verification of Data-aware BPMN Processes using Rewriting Modulo SMT -- Associative Unification and Symbolic Reasoning Modulo Associativity in Maude -- Proving Structural Properties of Sequent Systems in Rewriting Logic -- Formal Modeling

and Analysis of the Walter Transactional Data Store -- Extending
Timbuk to Verify Functional Programs -- Generalized Rewrite Theories
and Coherence Completion -- Proving Ground Confluence of
Equational Specifications Modulo Axioms -- Uniform Strong
Normalization for Multi-Discipline Calculi -- Real-time Rewriting Logic
Semantics for Spatial Concurrent Constraint Programming --
Approximating any Logic Program by a CS-Program.

Sommario/riassunto

This book constitutes revised selected papers from the 12th
International Workshop on Rewriting Logic and Its Applications, WRLA
2018, held in Thessaloniki, Greece, in June 2018. The 12 full papers
presented in this volume were carefully reviewed and selected from 21
submissions. They deal with rewriting, a natural model of computation
and an expressive semantic framework for concurrency, parallelism,
communication, and interaction, and its applications. .
