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Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 7550
Disciplina	005.1015113
Soggetti	Computer science Software engineering Machine theory Compilers (Computer programs) Algorithms Computer Science Logic and Foundations of Programming Software Engineering Formal Languages and Automata Theory Compilers and Interpreters Theory of Computation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	International conference proceedings.
Nota di bibliografia	Includes bibliographical references and author index.
Nota di contenuto	Reachability problems in algebraic structures, computational models, hybrid systems, logic and verification -- Finite- and infinite-state concurrent systems -- Computational models -- Decision procedures.
Sommario/riassunto	This book constitutes the refereed proceedings of the 6th International Workshop on Reachability Problems, RP 2012, held in Bordeaux, France, in September, 2012. The 8 revised full papers presented together with 4 invited talks were carefully reviewed and selected from 15 submissions. The papers present current research and original contributions related to reachability problems in different computational models and systems such as algebraic structures, computational models, hybrid systems, logic and verification.

Reachability is a fundamental problem that appears in several different contexts: finite- and infinite-state concurrent systems, computational models like cellular automata and Petri nets, decision procedures for classical, modal and temporal logic, program analysis, discrete and continuous systems, time critical systems, and open systems modeled as games.

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