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Titolo	Model Checking Software [[electronic resource] ] : 17th International SPIN Workshop, Enschede, The Netherlands, September 27-29, 2010, Proceedings // edited by Jaco van der Pol, Michael Weber
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Descrizione fisica	1 online resource (X, 263 p. 70 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 6349
Disciplina	005.1
Soggetti	Software engineering Compilers (Computer programs) Computer programming Computer science Machine theory Software Engineering Compilers and Interpreters Programming Techniques Computer Science Logic and Foundations of Programming Formal Languages and Automata Theory
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	Satisfiability Modulo Theories for Model Checking -- SMT-Based Software Model Checking -- Symbolic Object Code Analysis -- Model Checking in Context -- Experimental Comparison of Concolic and Random Testing for Java Card Applets -- Combining SPIN with ns-2 for Protocol Optimization -- Automatic Generation of Model Checking Scripts Based on Environment Modeling -- Implementation and Performance of Model Checking -- Model Checking: Cleared for Take Off -- Context-Enhanced Directed Model Checking -- Efficient Explicit-State Model Checking on General Purpose Graphics Processors

-- The SpinJa Model Checker -- LTL and Büchi Automata -- On the  
Virtue of Patience: Minimizing Büchi Automata -- Enacting Declarative  
Languages Using LTL: Avoiding Errors and Improving Performance --  
Nevertrace Claims for Model Checking -- Infinite State Models -- A  
False History of True Concurrency: From Petri to Tools -- Analysing  
Mu-Calculus Properties of Pushdown Systems -- Time-Bounded  
Reachability in Distributed Input/Output Interactive Probabilistic Chains  
-- An Automata-Based Symbolic Approach for Verifying Programs on  
Relaxed Memory Models -- Concurrent Software -- Context-Bounded  
Translations for Concurrent Software: An Empirical Evaluation -- One  
Stack to Run Them All.

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