

1. Record Nr.	UNINA9910337838403321
Autore	Vojnar Tomáš
Titolo	Tools and Algorithms for the Construction and Analysis of Systems : 25th International Conference, TACAS 2019, Held as Part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2019, Prague, Czech Republic, April 6–11, 2019, Proceedings, Part I // edited by Tomáš Vojnar, Lijun Zhang
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	9783030174620 303017462X
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XXIII, 433 p. 1251 illus., 61 illus. in color.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 11427
Disciplina	005.1015113 004.21
Soggetti	Computer science Machine theory Software engineering Artificial intelligence Electronic digital computers - Evaluation Computers Professions Computer Science Logic and Foundations of Programming Formal Languages and Automata Theory Software Engineering Artificial Intelligence System Performance and Evaluation The Computing Profession
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	SAT and SMT -- Decomposing Farkas Interpolants -- Parallel SAT Simplification on GPU Architectures -- Encoding Redundancy for Satisfaction-Driven Clause Learning -- WAPS: Weighted and Projected

Sampling -- Building Better Bit-Blasting for Floating-Point Problems -- The Axiom Profiler: Understanding and Debugging SMT Quantifier Instantiations -- On the Empirical Time Complexity of Scale-Free 3-SAT at the Phase Transition -- Modular and Efficient Divide-and-Conquer SAT Solver on Top of the Painless Framework -- SAT Solving and Theorem Proving -- Quantitative Verification of Masked Arithmetic Programs against Side-Channel Attacks -- Incremental Analysis of Evolving Alloy Models -- Extending a Brainiac Prover to Lambda-Free Higher-Order Logic -- Verification and Analysis LCV: A Verification Tool for Linear Controller Software -- Semantic Fault Localization and Suspiciousness Ranking -- Computing Coupled Similarity -- Reachability Analysis for Termination and Confluence of Rewriting -- Model Checking -- VoxLogicA: a Spatial Model Checker for Declarative Image Analysis -- On Reachability in Parameterized Phaser Programs -- Abstract Dependency Graphs and Their Application to Model Checking -- Tool Demo -- nonreach – A Tool for Nonreachability Analysis -- The Quantitative Verification Benchmark Set -- ILang: A Modeling Platform for SoC Verification using Instruction-Level Abstractions -- MetAcsL: Specification and Verification of High-Level Properties -- ROLL 1.0: !-Regular Language Learning Library -- Symbolic Regex Matcher -- COMPASS 3.0 -- Debugging of Behavioural Models with CLEAR -- Machine Learning -- Omega-Regular Objectives in Model-Free Reinforcement Learning -- Verifiably Safe Off-Model Reinforcement Learning. .

Sommario/riassunto

This book is Open Access under a CC BY licence. .
