

1. Record Nr.	UNINA9910337838103321
Autore	Beyer Dirk
Titolo	Tools and Algorithms for the Construction and Analysis of Systems : 25 Years of TACAS: TOOLympics, Held as Part of ETAPS 2019, Prague, Czech Republic, April 6–11, 2019, Proceedings, Part III // edited by Dirk Beyer, Marieke Huisman, Fabrice Kordon, Bernhard Steffen
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-17502-2
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XXVII, 258 p. 449 illus., 25 illus. in color.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 11429
Disciplina	005.1015113 004.21
Soggetti	Computer science Software engineering Machine theory Computers Professions Electronic digital computers—Evaluation Computer simulation Computer Science Logic and Foundations of Programming Software Engineering Formal Languages and Automata Theory The Computing Profession System Performance and Evaluation Computer Modelling
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	TOOLympics 2019: An Overview of Competitions in Formal Methods -- Confluence Completion 2019 -- International Competition on Runtime Verification (CRV) -- The Model Checking Contest (2019) -- The 2019 Comparison of Tools for the Analysis of Quantitative Formal Models -- The Rewrite Engines Competitions: A RECTrospective -- RERS 2019:

Combining Synthesis with Real-World Models -- SL-COMP: Competition of Solvers for Separation Logic -- Automatic Verification of C and Java Programs: SV-COMP 2019 -- The Termination and Complexity Competition -- Competition on Software Testing (Test-Comp) -- VerifyThis - Verification Competition with a Human Factor -- SV-COMP 2019 -- CBMC Path: A Symbolic Execution Retrofit of the C Bounded Model Checker (Competition Contribution) -- Extending DIVINE with Symbolic Verification using SMT (Competition Contribution) -- ESBMC v6.0: Verifying C Programs using k-Induction and Invariant Inference (Competition Contribution) -- JBMC: Bounded Model Checking for Java Bytecode (Competition Contribution) -- JayHorn: A Java Model Checker (Competition Contribution) -- Java Pathfinder at SV-COMP 2019 -- Pinaka: Symbolic Execution meets Incremental Solving (Competition Contribution) -- PeSCo: Predicting Sequential Combinations of Verifiers (Competition Contribution) -- Symbolic Pathfinder for SV-COMP -- VeriFuzz: Program Aware Fuzzing -- VIAP 1.1 (Competition Contribution).

Sommario/riassunto

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