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Descrizione fisica	1 online resource (XVIII, 540 p. 103 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 10747
Disciplina	005.14
Soggetti	Computer science Software engineering Computer networks Machine theory Compilers (Computer programs) Computer Science Logic and Foundations of Programming Software Engineering Computer Communication Networks Formal Languages and Automata Theory Theory of Computation Compilers and Interpreters
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes Index.
Nota di contenuto	Program verification -- Model checking -- Abstract interpretation -- Program synthesis -- Static analysis -- Type systems -- Deductive methods -- Program certification -- Decision procedures -- Theorem proving -- Program certification -- Debugging techniques -- Program transformation -- Optimization -- Hybrid and cyber-physical systems.
Sommario/riassunto	This book constitutes the refereed proceedings of the 19th International Conference on Verification, Model Checking, and Abstract Interpretation, VMCAI 2018, held in Los Angeles, CA, USA, in January 2018. The 24 full papers presented together with the abstracts of 3 invited keynotes and 1 invited tutorial were carefully reviewed and

selected from 43 submissions. VMCAI provides topics including: program verification, model checking, abstract interpretation, program synthesis, static analysis, type systems, deductive methods, program certification, decision procedures, theorem proving, program certification, debugging techniques, program transformation, optimization, and hybrid and cyber-physical systems.

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