Record Nr.	UNISA996205181403316
Titolo	Verification, Model Checking, and Abstract Interpretation [[electronic resource]]: 15th International Conference, VMCAI 2014, San Diego, CA, USA, January 19-21, 2014, Proceedings / / edited by Kenneth McMillan, Xavier Rival
Pubbl/distr/stampa	Berlin, Heidelberg:,: Springer Berlin Heidelberg:,: Imprint: Springer,, 2014
ISBN	3-642-54013-9
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (XVIII, 493 p. 120 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 8318
Disciplina	005.14
Soggetti	Computer science Software engineering Computer networks Machine theory Artificial intelligence Computer Science Logic and Foundations of Programming Software Engineering Computer Communication Networks Formal Languages and Automata Theory Theory of Computation Artificial Intelligence
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 author index.
Nota di contenuto	Program verification Model checking Abstract interpretation and abstract domains Program synthesis Static analysis Type systems Deductive methods Program certification Debugging techniques Program transformation Optimization Hybrid and cyber-physical systems.
Sommario/riassunto	This book constitutes the refereed proceedings of the 15th International Conference on Verification, Model Checking and Abstract Interpretation, VMCAI 2014, held in San Diego, CA, USA, in January 2013. The 25 revised full papers presented were carefully reviewed and

selected from 64 submissions. The papers cover a wide range of topics including program verification, model checking, abstract interpretation and abstract domains, program synthesis, static analysis, type systems, deductive methods, program certification, debugging techniques, program transformation, optimization, hybrid and cyber-physical systems.