

1. Record Nr.	UNINA9910484632403321
Titolo	Computer Aided Verification : 29th International Conference, CAV 2017, Heidelberg, Germany, July 24-28, 2017, Proceedings, Part I // edited by Rupak Majumdar, Viktor Kunak
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-63387-2
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XIX, 601 p. 142 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 10426
Disciplina	004.24
Soggetti	Computer science Software engineering Computer simulation Computers Professions Electronic digital computers - Evaluation Artificial intelligence Computer Science Logic and Foundations of Programming Software Engineering Computer Modelling The Computing Profession System Performance and Evaluation Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Data Driven Techniques -- Runtime Verification -- Cyber-Physical Systems -- Concurrency -- Analysis of Software and Hardware -- Foundations of Verification -- Distributed and Networked Systems -- Synthesis -- Decision Procedures and their Applications -- Software Analysis.
Sommario/riassunto	The two-volume set LNCS 10426 and LNCS 10427 constitutes the refereed proceedings of the 29th International Conference on

Computer Aided Verification, CAV 2017, held in Heidelberg, Germany, in July 2017. The total of 50 full and 7 short papers presented together with 5 keynotes and tutorials in the proceedings was carefully reviewed and selected from 191 submissions. The CAV conference series is dedicated to the advancement of the theory and practice of computer-aided formal analysis of hardware and software systems. The conference covers the spectrum from theoretical results to concrete applications, with an emphasis on practical verification tools and the algorithms and techniques that are needed for their implementation.
