Record Nr.	UNINA9910447250003321
Titolo	Deductive software verification : future perspectives : reflections on the occasion of 20 years of KeY / / Wolfgang Ahrendt [and four others] (editors)
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2020] ©2020
ISBN	3-030-64354-9
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XII, 339 p. 93 illus., 39 illus. in color.)
Collana	Lecture notes in computer science ; ; 12345
Disciplina	005.14
Soggetti	Computer software - Verification
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	History A Short History of KeV Verification Tools A
	Retrospective on Developing Hybrid System Provers in the KeYmaera Family – A Tale of Three Provers Improving Performance of the VerCors Program Verifier Contracts Behavioral Contracts for Cooperative Scheduling Using Abstract Contracts for Verifying Evolving Features and Their Interactions Constraint-based Contract Inference for Deductive Verification From Explicit to Implicit Dynamic Frames in Concurrent Reasoning for Java Feasibility and Usability A Tutorial on Verifying LinkedList Using KeY The VerifyThis Collaborative Long Term Challenge Usability Recommendations for User Guidance in Deductive Program Verification Integration of Verification Techniques Integration of Static and Dynamic Analysis Techniques for Checking Noninterference SymPaths: Symbolic Execution Meets Partial Order Reduction.

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inside and outside of the project, to contribute to a book capturing some state-of-the-art developments in the field. We received thirteen contributions from recognized experts of the field addressing the latest challenges. The topics of the contributions range from tool development, effciency and usability considerations to novel specification and verification methods. This book should offer the reader an up-to-date impression of the current state-of-art in deductive verification, and we hope, inspire her to contribute to the field and to join forces. We are looking forward to meeting you at the next conference, to listen to your research talks and the resulting fruitful discussions and collaborations.