	UNINA9910254826303321
Titolo	Provably Correct Systems / / edited by Mike Hinchey, Jonathan P. Bowen, Ernst-Rüdiger Olderog
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XV, 328 p. 84 illus., 48 illus. in color.)
Collana	NASA Monographs in Systems and Software Engineering, , 1860-0131
Disciplina	005.131
Soggetti	Mathematical logic Computer logic Computers Computer programming Mathematical Logic and Formal Languages Logics and Meanings of Programs Models and Principles Programming Techniques
Lingua di pubblicazione	ligiese
Formato	Materiale a stampa
Lingua di pubblicazione Formato Livello bibliografico	Materiale a stampa Monografia
Lingua di pubblicazione Formato Livello bibliografico Nota di bibliografia	Materiale a stampa Monografia Includes bibliographical references.

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	Semi-Formal Methods From ProCoS to Space and Mental Models – a Survey of Combing Formal and Semi-Formal Methods Part VIII: Web- Supported Communities in Science Provably Correct Systems: Community, Connections and Citations.
Sommario/riassunto	As computers increasingly control the systems and services we depend upon within our daily lives like transport, communications, and the media, ensuring these systems function correctly is of utmost importance. This book consists of twelve chapters and one historical account that were presented at a workshop in London in 2015, marking the 25th anniversary of the European ESPRIT Basic Research project 'ProCoS' (Provably Correct Systems). The ProCoS I and II projects pioneered and accelerated the automation of verification techniques, resulting in a wide range of applications within many trades and sectors such as aerospace, electronics, communications, and retail. The following topics are covered: An historical account of the ProCoS project Hybrid Systems Correctness of Concurrent Algorithms Interfaces and Linking Automatic Verification Run-time Assertions Checking Formal and Semi-Formal Methods <web-supported scientific="" communities Provably Correct Systems provides researchers, designers and engineers with a complete overview of the ProCoS initiative, past and present, and explores current developments and perspectives within the field.</web-supported