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Titolo	Engineering methods and tools for software safety and security [[electronic resource] /] / [edited by] Manfred Broy, Wassiou Sitou, Tony Hoare
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Descrizione fisica	1 online resource (344 p.)
Collana	NATO science for peace and security series
Altri autori (Persone)	BroyM. <1949-> SitouWassiou HoareC. A. R <1934-> (Charles Antony Richard)
Disciplina	005.8
Soggetti	Engineering - Data processing Engineering - Methodology
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Title page; Preface; Contents; A Mechanical Press Controller Development; Synchronous Techniques for Software and Hardware Embedded Systems; Relating Time and Causality in Interactive Distributed Systems; Incremental Design of Distributed Systems with Event-B; Principles of Program Termination - Notes for the Marktoberdorf Summer School; Graphical Models of Separation Logic; Verification, Performance Analysis and Controller Synthesis for Real-Time Systems; Specification and Verification of Object-Oriented Software A Mechanically Checked Proof of the Correctness of the Boyer-Moore Fast String Searching AlgorithmAn Introduction to Separation Logic; Unifying Theories of Undefinedness; Subject Index; Author Index
Sommario/riassunto	Based on the specific needs in applications of software technology, models and formal methods must serve the needs and the quality of advanced software engineering methods. This book provides a presentation of topics on how to meet such challenges covering both theoretical foundations and industrial practice.

