

1. Record Nr.	UNINA9910484339303321
Titolo	Formal Methods and Software Engineering : 18th International Conference on Formal Engineering Methods, ICFEM 2016, Tokyo, Japan, November 14-18, 2016, Proceedings // edited by Kazuhiro Ogata, Mark Lawford, Shaoying Liu
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-47846-X
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XVII, 486 p. 144 illus.)
Collana	Programming and Software Engineering, , 2945-9168 ; ; 10009
Disciplina	004.0151
Soggetti	Software engineering Computer programming Compilers (Computer programs) Computer science Machine theory Computer networks Software Engineering Programming Techniques Compilers and Interpreters Computer Science Logic and Foundations of Programming Formal Languages and Automata Theory Computer Communication Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Abstraction, refinement and evolution -- Formal specification and modeling -- Program analysis -- Formal verification -- Model checking -- Formal approaches to software testing and inspection -- Formal methods for self-adaptive systems -- Formal methods for object-oriented systems -- Formal methods for component-based systems -- Tool development, integration and experiments involving verified systems -- Formal model-based development and code generation. .
Sommario/riassunto	This book constitutes the refereed proceedings of the 18th

International Conference on Formal Engineering Methods, ICFEM 2016, held in Tokyo, Japan, in November 2016. The 27 revised full papers presented together with three invited talks were carefully reviewed and selected from 64 submissions. The conference focuses in all areas related to formal engineering methods, such as verification and validation, software engineering, formal specification and modeling, software security, and software reliability.
