1.	Record Nr.	UNINA9910349456803321
	Titolo	NASA Formal Methods : 10th International Symposium, NFM 2018, Newport News, VA, USA, April 17-19, 2018, Proceedings / / edited by Aaron Dutle, César Muñoz, Anthony Narkawicz
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
	ISBN	9783319779355 3319779354
	Edizione	[1st ed. 2018.]
	Descrizione fisica	1 online resource (XI, 470 p. 156 illus.)
	Collana	Programming and Software Engineering, , 2945-9168 ; ; 10811
	Disciplina	004.0151
	Soggetti	Software engineering Compilers (Computer programs) Computer simulation Artificial intelligence Computer science Electronic digital computers - Evaluation Software Engineering Compilers and Interpreters Computer Modelling Artificial Intelligence Theory of Computation System Performance and Evaluation
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
	Sommario/riassunto	This book constitutes the proceedings of the 10th International Symposium on NASA Formal Methods, NFM 2018, held in Newport News, VA, USA, in April 2018 . The 24 full and 7 short papers presented in this volume were carefully reviewed and selected from 92 submissions. The papers focus on formal techniques and other approaches for software assurance, their theory, current capabilities and limitations, as well as their potential application to aerospace,

robotics, and other NASA-relevant safety-critical systems during all stages of the software life-cycle.