

1. Record Nr.	UNINA9910380748703321
Titolo	Formal Aspects of Component Software : 16th International Conference, FACS 2019, Amsterdam, The Netherlands, October 23–25, 2019, Proceedings // edited by Farhad Arbab, Sung-Shik Jongmans
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-40914-7
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (X, 261 p. 886 illus., 23 illus. in color.)
Collana	Programming and Software Engineering, , 2945-9168 ; ; 12018
Disciplina	004.0151
Soggetti	Software engineering Computer science Mathematical logic Computer networks Software Engineering Theory of Computation Mathematical Logic and Foundations Computer Communication Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Formal Logic -- Formal Methods -- Programming Languages -- Semantics -- Software Engineering -- Specifications -- Theorem Proving.
Sommario/riassunto	This book constitutes the thoroughly revised selected papers from the 16th International Conference on Formal Aspects of Component Software, FACS 2019, held in Amsterdam, The Netherlands, in October 2019. The 9 full papers presented together with 9 full papers and 3 short papers as well as 2 other papers were carefully reviewed and selected from 27 submissions. FACS 2019 is concerned with how formal methods can be used to make component-based and service-oriented software development succeed. Formal methods have provided a foundation for component-based software by successfully addressing challenging issues such as mathematical models for components, composition and adaptation, or rigorous approaches to

verification, deployment, testing, and certification.
