1.	Record Nr.	UNINA9910484171503321
	Titolo	Formal Techniques for Distributed Objects, Components, and Systems : 37th IFIP WG 6.1 International Conference, FORTE 2017, Held as Part of the 12th International Federated Conference on Distributed Computing Techniques, DisCoTec 2017, Neuchâtel, Switzerland, June 19-22, 2017, Proceedings / / edited by Ahmed Bouajjani, Alexandra Silva
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
	ISBN	3-319-60225-X
	Edizione	[1st ed. 2017.]
	Descrizione fisica	1 online resource (XIV, 243 p. 50 illus.)
	Collana	Programming and Software Engineering ; ; 10321
	Disciplina	004.36
	Soggetti	Computer logic Software engineering Artificial intelligence Mathematical logic Computer communication systems Logics and Meanings of Programs Software Engineering Artificial Intelligence Mathematical Logic and Formal Languages Computer Communication Networks
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Session types for Link failures -- Learning-based compositional parameter synthesis for event-recording automata -- Modularising opacity verification for Hybrid Transactional Memory -- Proving opacity via linearizability: a sound and complete method -- On futures for streaming data in ABS -- Session-based concurrency, reactively -- Procedural choreographic programming -- An observational approach to defining linearizability on weak memory models -- Applying a dependency mechanism in the formal development of voting protocol models using event-B -- Weak simulation quasimetric in a gossip scenario -- Reasoning about distributed secrets -- Classical higher-

order processes -- Weak nominal modal logic -- Type inference of simulink hierarchical block diagrams in Isabelle -- Creating Büchi automata for multi-valued model checking -- Privacy assessment using static taint analysis -- EPTL - a temporal logic for weakly consistent systems.

| Sommario/riassunto | This book constitutes the proceedings of the 37th IFIP WG 6.1 International Conference on Formal Techniques for Distributed Objects, Components, and Systems, FORTE 2017, held in Neuchâtel, Switzerland, in June 2017, as part of the 12th International Federated Conference on Distributed Computing Techniques, DisCoTec 2017. The 13 revised full papers presented together with 3 short and 1 tool papers were carefully reviewed and selected from 30 submissions. The papers present a wide range of topics on distributed computing models and formal specification, testing, and verification methods. |