1.	Record Nr.	UNINA9910413437403321
	Titolo	Engineering Trustworthy Software Systems : 5th International School, SETSS 2019, Chongqing, China, April 21–27, 2019, Tutorial Lectures / / edited by Jonathan P. Bowen, Zhiming Liu, Zili Zhang
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
	ISBN	3-030-55089-3
	Edizione	[1st ed. 2020.]
	Descrizione fisica	1 online resource (XVII, 221 p. 32 illus.)
	Collana	Programming and Software Engineering ; ; 12154
	Disciplina	005.1
	Soggetti	Software engineering
		Computer communication systems
		Artificial intelligence
		Computer programming
		Architecture, Computer
		Natural language processing (Computer science)
		Software Engineering/Programming and Operating Systems
		Computer Communication Networks
		Artificial Intelligence
		Programming Techniques
		Computer System Implementation
		Natural Language Processing (NLP)
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Seamless Model-based System Development: Foundations -- From Bounded Reachability Analysis of Linear Hybrid Automata to Verification of Industrial CPS and IoT -- Weakest Preexpectation Semantics for Bayesian Inference: Conditioning, Continuous Distributions and Divergence -- K - A Semantic Framework for Programming Languages and Formal Analysis Tools -- Software Abstractions and Human-Cyber-Physical Systems Architecture Modelling.
	Sommario/riassunto	This book constitutes the refereed proceedings of the 5th International School on Engineering Trustworthy Software Systems, SETSS 2019, held

in Chongqing, China, in April 2019. The five chapters in this volume provide lectures on leading-edge research in methods and tools for use in computer system engineering. The topics covered in these chapters include Seamless Model-based System Development: Foundations; From Bounded Reachability Analysis of Linear Hybrid Automata to Verification of Industrial CPS and IoT; Weakest Preexpectation Semantics for Bayesian Inference: Conditioning, Continuous Distributions and Divergence; K – A Semantic Framework for Programming Languages and Formal Analysis Tools; and Software Abstractions and Human-Cyber-Physical Systems Architecture Modelling.