

1. Record Nr.	UNINA9910616203003321
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Titolo	Theoretical Aspects of Computing – ICTAC 2022 : 19th International Colloquium, Tbilisi, Georgia, September 27–29, 2022, Proceedings // edited by Helmut Seidl, Zhiming Liu, Corina S. Pasareanu
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	9783031177156 3031177150
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (494 pages)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 13572
Disciplina	004 005.1015113
Soggetti	Computer science Computer Science Logic and Foundations of Programming
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	VeriMon: A Formally Verified Monitoring Tool -- Generalized Test Tables: A Domain-specific Specification Language for Automated Production -- On Safety, Assurance and Reliability: A Software Engineering Perspective -- Reachability Games and Parity Games -- A PO Characterisation of Reconfiguration -- Structural Rules and Algebraic Properties of Intersection Types -- Florido Quantitative Weak Linearisation -- On the Formalization and Computational Complexity of Resilience Problems for Cyber-Physical Systems -- Spatial and Timing Properties in Highway Traffic -- Denotational and Algebraic Semantics for the CalT calculus -- Reconciling communication delays and negation -- A Combinatorial Study of Async/Await Processes -- Unsatisfiability of Comparison-Based Non-Malleability for Commitments -- Alternating Automatic Register Machines -- Functional Choreographic Programming -- A Model Checking Based Approach to Detect Safety-Critical Adversarial Examples on Autonomous Driving Systems -- Ground Confluence and Strong Commutation modulo Alpha-Equivalence in Nominal Rewriting -- Local XOR Unification: Definitions, Algorithms and Application to Cryptography -- A Matching Logic Foundation for Alk -- A Type

System with Subtyping for WebAssembly's Stack Polymorphism -- A Verified Implementation of B+-trees in Isabelle/HOL -- Toward a user interface description language based on bigraphs -- A Specification Logic for Programs in the Probabilistic Guarded Command Language.

Sommario/riassunto

This book constitutes the proceedings of the 19th International Colloquium on Theoretical Aspects of Computing, ICTAC 2022, which took place in Tbilisi, Georgia, in September 2022. The 23 papers presented in this volume together with 2 short papers were carefully reviewed and selected from 52 submissions. The book deals with challenges in both theoretical aspects of computing and the exploitation of theory through methods and tools for system development.
