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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.
