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Chechik, Joost-Pieter Katoen, and Martin Leucker

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Nota di contenuto Keynotes -- Symbolic Computation in Automated Program Reasoning

-- The next big thing: from embedded systems to embodied actors -- Intelligent and Dependable Decision-Making Under Uncertainty -- A Coq formalization of Lebesgue Induction Principle and Tonelli's Theorem -- SAT/SMT -- Railway Scheduling Using Boolean Satisfiability Modulo Simulations -- SMT Sampling via Model-Guided Approximation

-- Efficient SMT-based Network Fault Tolerance Verification --

Verification I -- Formalising the Prevention of Microarchitectural Timing Channels by Operating Systems -- Can we Communicate? Using Dynamic Logic to Verify Team Automata -- The ScalaFix equation solver -- HHLPy: Practical Verification of Hybrid Systems using Hoare

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## Sommario/riassunto

This book constitutes the refereed proceedings of the 25th International Symposium on Formal Methods, FM 2023, which took place in Lübeck, Germany, in March 2023. The 26 full paper, 2 short papers included in this book were carefully reviewed and selected rom 95 submissions. They have been organized in topical sections as follows: SAT/SMT; Verification; Quantitative Verification; Concurrency and Memory Models; Formal Methods in AI; Safety and Reliability. The proceedings also contain 3 keynote talks and 7 papers from the industry day.