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Nota di contenuto	Taming the AI Monster: Monitoring of Individual Fairness for Effective Human Oversight -- MoXI: An Intermediate Language for Symbolic Model Checking. Model Checking: Synchronisation in Language-level Symmetry Reduction for Probabilistic Model Checking -- A Hypergraph-based Formalization of Hierarchical Reactive Modules and a Compositional Verification Method. Anniversary: Two Decades of Industrializing Formal Verification: The Reactis Story -- Automated Reasoning in Quantum Circuit Compilation. Automated Reasoning: Random Access on Narrow Decision Diagrams in External Memory -- Solving Constrained Horn Clauses as C Programs with CHC2C. Verification Tools: Learning the State Machine Behind a Modal Text

Editor: The (Neo)Vim Case Study -- Tolerance: Quantifying Fault Masking in Stochastic Systems -- Software Verification Witnesses 2.0 -- Fault Localization on Verification Witnesses. Software Verification: Augmenting Interpolation-Based Model Checking with Auxiliary Invariants -- Test-Case Generation with Automata-based Software Model Checking.

Sommario/riassunto

This book constitutes the refereed proceedings of the 30th International Symposium on Model Checking Software, SPIN 2024, held in Luxembourg City, Luxembourg, during April 10-11, 2024. The 9 full papers, 3 short papers and 2 invited papers included in this book were carefully reviewed and selected from 23 submissions. They are organized in topical sections as follows: model checking; anniversary; automated reasoning; and verification tools.
