

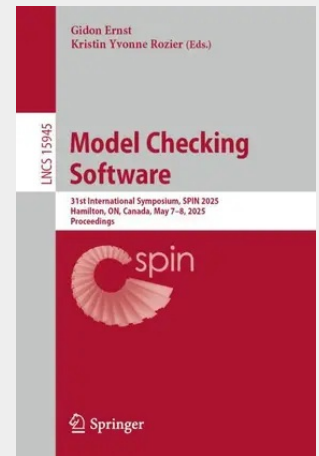
Model Checking Software

31st International Symposium, SPIN 2025, Hamilton, ON, Canada, May 7-8, 2025, Proceedings

This book constitutes the refereed proceedings of the 31st International Symposium on Model Checking Software, SPIN 2025, held in Hamilton, ON, Canada, during May 7–8, 2025.

The 9 full papers included in this book were carefully reviewed and selected from 20 submissions. They focus on topics related to formal verification for automated analysis of (concurrent) software/hardware, including model checking, deductive verification, automated theorem proving (including SAT and SMT solving), abstraction and symbolic execution techniques, static analysis and abstract interpretation, modular and compositional verification techniques, verification of timed and probabilistic systems, automated testing using advanced analysis techniques, program synthesis, derivation of specifications and test cases via formal analysis, formal specification languages, temporal logic, design-by contract, formal analysis of learned systems, or any combination of these.

This book constitutes the refereed proceedings of the 31st International Symposium on Model Checking Software, SPIN 2025, held in Hamilton, ON, Canada, during May 7–8, 2025. The 9 full papers included in this book were carefully reviewed and selected from 20 submissions. They focus on topics related to formal verification for automated analysis of (concurrent) software/hardware, including model checking, deductive verification, automated theorem proving (including SAT and SMT solving), abstraction and symbolic execution techniques, static analysis and abstract interpretation, modular and compositional verification techniques, verification of timed and probabilistic systems, automated testing using advanced analysis techniques, program synthesis, derivation of specifications and test cases via formal analysis, formal specification languages, temporal logic, design-by contract, formal analysis of learned systems, or any combination of these.



48,14 €

44,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783032068460

Medium: Buch

ISBN: 978-3-032-06846-0

Verlag: Springer

Erscheinungstermin: 02.11.2025

Sprache(n): Englisch

Auflage: Erscheinungsjahr 2025

Serie: Lecture Notes in Computer Science

Produktform: Kartoniert

Gewicht: 318 g

Seiten: 183

Format (B x H): 155 x 235 mm

