Laarman / Sokolova

Model Checking Software

27th International Symposium, SPIN 2021, Virtual Event, July 12, 2021, Proceedings

This book constitutes the refereed proceedings of the 27th International Symposium on Model Checking Software, SPIN 2021, held virtually in July 2021.

The 3 full papers, 4 tool papers, and 1 case study presented together with 2 invited talks were carefully reviewed and selected from 20 submissions. Topics covered include formal verification techniques for automated analysis of software; formal analysis for modeling languages, such as UML/state charts; formal specification languages, temporal logic, design-by-contract; model checking, automated theorem proving, including SAT and SMT; verifying compilers; abstraction and symbolic execution techniques; and much more.

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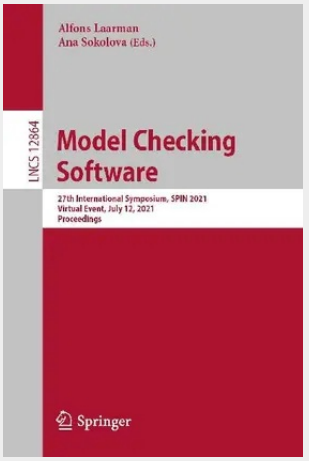

53,49 €
49,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783030846282
Medium: Buch
ISBN: 978-3-030-84628-2
Verlag: Springer
Erscheinungstermin: 03.08.2021
Sprache(n): Englisch
Auflage: 1. Auflage 2021
Serie: Lecture Notes in Computer Science
Produktform: Kartoniert
Gewicht: 324 g
Seiten: 195
Format (B x H): 155 x 235 mm

Kundenservice Verlag Dr. Otto Schmidt KG
Neumannstraße 10, 40235 Düsseldorf | kundenservice@otto-schmidt.de | 0221-93738-997 (Inland)