

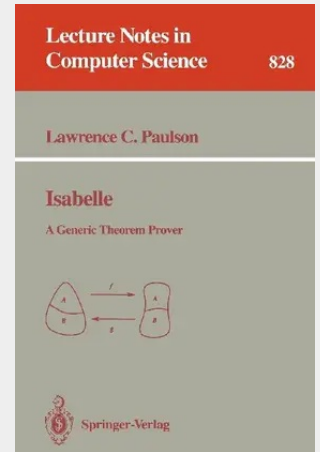
Paulson

Isabelle

A Generic Theorem Prover

As a generic theorem prover, Isabelle supports a variety of logics. Distinctive features include Isabelle's representation of logics within a meta-logic and the use of higher-order unification to combine inference rules. Isabelle can be applied to reasoning in pure mathematics or verification of computer systems. This volume constitutes the Isabelle documentation. It begins by outlining theoretical aspects and then demonstrates the use in practice. Virtually all Isabelle functions are described, with advice on correct usage and numerous examples. Isabelle's built-in logics are also described in detail. There is a comprehensive bibliography and index. The book addresses prospective users of Isabelle as well as researchers in logic and automated reasoning.

As a generic theorem prover, Isabelle supports a variety of logics. Distinctive features include Isabelle's representation of logics within a meta-logic and the use of higher-order unification to combine inference rules. Isabelle can be applied to reasoning in pure mathematics or verification of computer systems. This volume constitutes the Isabelle documentation. It begins by outlining theoretical aspects and then demonstrates the use in practice. Virtually all Isabelle functions are described, with advice on correct usage and numerous examples. Isabelle's built-in logics are also described in detail. There is a comprehensive bibliography and index. The book addresses prospective users of Isabelle as well as researchers in logic and automated reasoning.



53,49 €

49,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783540582441
Medium: Buch
ISBN: 978-3-540-58244-1
Verlag: Springer
Erscheinungstermin: 28.07.1994
Sprache(n): Englisch
Auflage: 1. Auflage 1994
Serie: Lecture Notes in Computer Science
Produktform: Kartoniert
Gewicht: 1090 g
Seiten: 329
Format (B x H): 155 x 235 mm

