

<<Formal Methods for C>>

图书基本信息

书名：<<Formal Methods for Components and Objects 组件与对象用形式方法>>

13位ISBN编号：9783540291312

10位ISBN编号：3540291318

出版时间：2005-10

出版时间：1 (2005年10月26日)

作者：Frank S. de Boer

页数：323

版权说明：本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：<http://www.tushu007.com>

<<Formal Methods for C>>

内容概要

Formal methods have been applied successfully to the verification of medium-sized programs in protocol and hardware design. However, their application to the development of large systems requires more emphasis on specification, modelling and validation techniques supporting the concepts of reusability and modifiability, and their implementation in new extensions of existing programming languages. This book presents revised tutorial lectures given by invited speakers at the Third International Symposium on Formal Methods for Components and Objects, FMCO 2004, held in Leiden, The Netherlands, in November 2004. The 14 revised lectures by leading researchers present a comprehensive account of the potential of formal methods applied to large and complex software systems such as component-based systems and object systems. The book provides an unique combination of ideas on software engineering and formal methods that reflect the expanding body of knowledge on modern software systems. 作者简介 :

<<Formal Methods for C>>

书籍目录

A Theory of Predicate-Complete Test Coverage and Generation Theomas Ball
 A Perspective on Component Refinement
 A Fully Abstract Smantics for UML Components Frank S.de Boer, Marcello M.Bonsangue, Martin Steffen, Erika Abraham
 From (Meta)Objects to Aspects: A Java and AspectJ Point of View——Pierre Cointe, Herue Albin-Amiot, Simon Denier
 MoMo: A Modal Logice for Reasoning About Modality——Rocco De Nicola, Nichele Loreti
 Probabilistic Linda-Based Coordination Languages——Alessandra Di pierro, Chris Hanking, Herbert Wiklicky
 Games with Secure Equilibria ——Krishnendu Chatterjee, Theomas A. Henzinger, Marcin Jurdzinski
 Priced Timed Automata: Algorithms and Applications Gerd Behrmann, Kim G. Larsen, Jacob I. Rasmussen
 COS: Refinement of Component and Object Systems Zhiming Liu, He Jifeng, Xiaoshan Li
 Program Generation and Components Davide Ancona, Eugenio Moggi
 Assertion-Based Encapsulation, Object Invariants and Simulations David A. Naumann
 A dynamic Binding Strategy for Multiple Inheritance and Asynchronous Communicating Objects Einar Broch Johnsen, Olaf
 Observability, Connectivity and replay in a Sequential Calculus of Classes——Erika Abraham, Marcello M. Bonsangue, Frank S. de Boer, Andreas
 Timing Analysis and Timing Predictability Rihard Wilhelm
 Author Index

<<Formal Methods for C>>

版权说明

本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问:<http://www.tushu007.com>