

图书基本信息

书名：<<软件工程中的求精技术/Refinement techniques in software engineering>>

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内容概要

This tutorial book presents an augmented selection of the material presented at the First Pernambuco Summer School on Software Engineering, PSSE 2004, held in Recife, Brazil in November/December 2004, jointly with the Brazilian Symposium on Formal Methods (SBMF 2004). The 7 tutorial lectures presented are the thoroughly revised versions of the contributions from the invited lecturers. The revision was inspired by the synergy generated by the opportunity for the lecturers to present and discuss their work among themselves, and with the school 's attendees. The courses cover a wide spectrum of topics in software engineering such as concurrency, probability, real time, model checking, and object orientation. Apart from languages and techniques, the courses also cover the semantic underpinnings of refinement, and industrial applications and refinement tools.

书籍目录

Refinement:An Overview
Transformation Laws for Sequential Object-Oriented Programming
Using CSP
Developing and Reasoning About Probabilistic Programs in pGCL
Real-Time and Fault-Tolerant Systems
A Tutorial Introduction to CSP in Unifying Theories
Using the Compliance Notation in Industry Techniques for
Temporal Logic Model Checking
Elementary Probability Theory
Proofs of Lemmas and Theorems in the
UTPLibrary
Block Specifications
Author Index

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