

<<Dependable Computing>>

图书基本信息

书名：<<Dependable Computing 可靠计算/会议录>>

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内容概要

This book constitutes the refereed proceedings of the Second Latin-American Symposium on Dependable Computing, LADC 2005, held in Salvador, Brazil, in October 2005. The 16 revised full papers presented together with 3 invited talks, and outlines of 2 workshops and 3 tutorials, were carefully reviewed and selected from 39 submissions. The papers are organized in topical sections on evaluation, certification, modelling, embedded systems, time, and distributed systems algorithms.

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书籍目录

Invited Talks Probabilistic Validation of Computer System Survivability Timed Asynchronous Distributed Systems WLAN in Automation - More Than an Academic Exercise?Evaluation Using Stratified Sampling for Fault Injection A Methodology for the Automated Identification of Buffer Overflow Vulnerabilities in Executable Software Without Source-Code Quantitative Evaluation of Distributed Algorithms Using the Neko Framework: The NekoStat ExtensionCertification Airborne Software Concerns in Civil Aviation CertificationModelling A Method for Modeling and Testing Exceptions in Component-Based Software Development Verifying Fault-Tolerant Distributed Systems Using Object-Based Graph Grammars The Zerberus Language: Describing the Functional Model of Dependable Real-Time SystemsEmbedded Systems Soft Error Mitigation in Cache Memories of Embedded Systems by Means of a Protected Scheme On the Effects of Errors During Boot A Fault Tolerant Approach to Object Oriented Design and Synthesis of Embedded SystemsTime Scheduling Fixed-Priority Hard Real-Time Tasks in the Presence of Faults On the Monitoring Period for Fault-Tolerant Sensor Networks Adapting Failure Detectors to Communication Network Load Fluctuations Using SNMP and Artificial Neural NetsDistributed Systems Algorithms Parsimony-Based Approach for Obtaining Resource-Efficient and Trustworthy Execution Generating Fast Atomic Commit from Hyperfast Consensus Group-Based Replication of On-Line Transaction Processing ServersWorkshopsTutorials Author Index

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