Bondavalli / Brasileiro / Rajsbaum

Dependable Computing

Third Latin-American Symposium, LADC 2007, Morelia, Mexico, September 26-28, 2007, Proceedings



This book constitutes the refereed proceedings of the Third Latin-American Symposium on Dependable Computing, LADC 2007, held in Morelia, Mexico, in September 2007. The papers are organized in topical sections on fault-tolerant algorithms, software engineering of dependable systems, networking and mobile computing, experimental dependability evaluation, as well as intrusion tolerance and security.

Invited Talks.- Reliability, Safety, and Security in Everyday Embedded Systems (Extended Abstract).- Nanoscale Technologies: Prospect or Hazard to Dependable and Secure Computing?.- Fault-Tolerant Algorithms.- Fault-Tolerant Dynamic Routing Based on Maximum Flow Evaluation.- On the Implementation of Communication-Optimal Failure Detectors.- Connectivity in Eventually Quiescent Dynamic Distributed Systems.- Software Engineering of Dependable Systems.- Implementing Fault Tolerance Using Aspect Oriented Programming.- Architecture-Centric Fault Tolerance with Exception Handling.- Coverage-Oriented, Prioritized Testing - A Fuzzy Clustering Approach and Case Study.- Networking and Mobile Computing.- Error Propagation Monitoring on Windows Mobile-Based Devices.- Gossiping: Adaptive and Reliable Broadcasting in MANETs.- On the Behavior of Broadcasting Protocols for MANETs Under Omission Faults Scenarios.- Experimental Dependability Evaluation.- Failure Boundedness in Discrete Applications.- Designing Fault Injection Experiments Using State-Based Model to Test a Space Software.- Component-Based Software Certification Based on Experimental Risk Assessment.- Intrusion Tolerance and Security.- Integrated Intrusion Detection in Databases.- Security Rationale for a Cooperative Backup Service for Mobile Devices.- Tutorials.- Do You Know... How to Analyze and Share Results from Dependability Evaluation Experiments?.- Security Patterns and Secure Systems Design.- BAR-Where Distributed Computing Meets Game Theory.- Panels.- Scaling Dependability and Security in Ad Hoc Networks.- Assessing, Measuring, and Benchmarking Dependability and Resilience.

53,49 €
49,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783540752936
Medium: Buch
ISBN: 978-3-540-75293-6
Verlag: Springer
Erscheinungstermin: 12.09.2007
Sprache(n): Englisch
Auflage: Erscheinungsjahr 2007
Serie: Lecture Notes in Computer Science
Produktform: Kartoniert
Gewicht: 394 g
Seiten: 242
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)