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Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 3747
Disciplina	004.2
Soggetti	Computer science Computers, Special purpose Electronic digital computers—Evaluation Software engineering Logic design Coding theory Information theory Theory of Computation Special Purpose and Application-Based Systems System Performance and Evaluation Software Engineering Logic Design Coding and Information Theory
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	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

Extension -- Certification -- Airborne Software Concerns in Civil Aviation Certification -- Modelling -- 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 Systems -- Embedded 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 Systems -- Time -- 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 Nets -- Distributed 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 Servers -- Workshops -- Third Workshop on Theses and Dissertations on Dependable Computing -- Latin-American Workshop on Dependable Automation Systems -- Tutorials -- Software Architectures for Dependable Systems -- Fault-Tolerant Techniques for Concurrent Objects -- Agreement Protocols in Environments with Temporal Uncertainties.