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	Nota di contenuto	Implementing Conformiq Qtronic -- New Approach for EFSM-Based Passive Testing of Web Services -- Automation of Avionic Systems Testing -- Automatic Test Generation from Interprocedural Specifications -- A New Method for Interoperability Test Generation -- Component Testing Is Not Enough - A Study of Software Faults in Telecom Middleware -- Symbolic Model Based Testing for Component Oriented Systems -- A Compositional Testing Framework Driven by Partial Specifications -- Nodes Self-similarity to Test Wireless Ad Hoc

Routing Protocols -- Testing and Model-Checking Techniques for Diagnosis -- Model-Based Testing of Service Infrastructure Components -- Testing Input/Output Partial Order Automata -- A Framework for Testing AIS Implementations -- An Object-Oriented Framework for Improving Software Reuse on Automated Testing of Mobile Phones -- Model Based Testing of an Embedded Session and Transport Protocol -- Utilising Code Smells to Detect Quality Problems in TTCN-3 Test Suites -- A Bounded Incremental Test Generation Algorithm for Finite State Machines -- Experimental Testing of TCP/IP/Ethernet Communication for Automatic Control -- Towards Systematic Signature Testing -- TPLan-A Notation for Expressing Test Purposes -- Testing Nondeterministic Finite State Machines with Respect to the Separability Relation -- Learning and Integration of Parameterized Components Through Testing -- An EFSM-Based Passive Fault Detection Approach -- Test Data Variance as a Test Quality Measure: Exemplified for TTCN-3 -- Model-Based Testing of Optimizing Compilers.

Sommario/riassunto	This book constitutes the refereed proceedings of the 19th IFIP TC 6/WG 6.1 International Conference on Testing Communicating Systems, TestCom 2007, and the 7th International Workshop on Formal Approaches to Testing of Software, FATES 2007, held in Tallinn, Estonia. It covers all current issues in testing communicating systems and formal approaches in testing of software, from classical telecommunication issues to general software testing.