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<b>Nota di contenuto</b>	Regular Papers -- Testing Real-Time Systems Using TINA -- A Formal Framework for Service Orchestration Testing Based on Symbolic Transition Systems -- Testing k-Safe Petri Nets -- Implementing MSC Tests with Quiescence Observation -- Testing Timed Finite State Machines with Guaranteed Fault Coverage -- Applying Testability Transformations to Achieve Structural Coverage of Erlang Programs -- Interaction Coverage Meets Path Coverage by SMT Constraint Solving -- Automatic Testing of Access Control for Security Properties -- Generating Reduced Tests for FSMs with Extra States -- An Approach

for Test Selection for EFSMs Using a Theorem Prover -- TTCN-3 Based Conformance Testing of Mobile Broadcast Business Management System in 3G Networks -- Applying Model Checking to Generate Model-Based Integration Tests from Choreography Models -- Analyzing Response Inconsistencies in Test Suites -- Short Papers -- Model-Based Testing of Web Applications Using NModel -- Observability and Controllability Issues in Conformance Testing of Web Service Compositions -- Towards Automatic Generation of a Coherent TTCN-3 Template Framework -- OConGraX – Automatically Generating Data-Flow Test Cases for Fault-Tolerant Systems -- Debugging into Examples -- Structural Analysis of Large TTCN-3 Projects.

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#### Sommario/riassunto

This book constitutes the refereed proceedings of the 21st IFIP WG 6.1 International Conference on Testing Communicating Systems, TESTCOM 2009, and the 9th International Workshop on Formal Approaches to Testing of Software, FATES 2009, jointly held in Eindhoven, The Netherlands, in November 2009. The 13 revised full papers presented together with 6 short papers were carefully selected from 37 submissions to both events. The papers cover new approaches, concepts, theories, methodologies, tools, and experiences in the field of testing of communicating systems and general software.

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