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Nota di contenuto	Failure Analysis in CPS Simulink Models -- Test case generation -- A Rapid Review on Fuzz Security Testing for Software Protocol Implementations -- Enhancing Synthetic Test Data Generation with Language Models Using a More Expressive Domain-Specific Language -- On the Evaluation of Photometric Stereo Application Testing -- Seeding Contradiction: a fast method for generating full-coverage test suites -- Test Automation and Design -- Automated Testing of Systems of Systems -- Empirical Verification of TQED - a New Test Design Heuristic Technique -- How Do Different Types of Testing Goals Affect Test Case Design? -- Multi-device, robust, and integrated Android GUI testing: A conceptual framework -- RQCODE: Security Requirements Formalization with Testing -- Understanding Problem Solving in Software Testing: An Exploration of Tester Routines and Behavior -- Who is Afraid of Test Smells? Assessing Technical Debt fromDeveloper Actions -- Model Based Testing -- A Systematic

Literature Review on prioritizing software test cases using Markov chains -- Complete Property-Oriented Module Testing -- Compositionality in Model-Based Testing -- Prioritizing test cases with Markov Chains: a Preliminary Investigation -- Probabilistic approach for minimizing checking sequences for nondeterministic FSMs -- AI and Smart Contracts Testing -- Applying Pairwise Combinatorial Testing to Large Language Model Testing -- CATANA: Replay Testing for the Ethereum Blockchain -- GResilience: Trading off between the Greenness and the Resilience of Collaborative AI Systems -- Testing Quality of Training in QoE-aware SFC Orchestration based on DRL Approach.

Sommario/riassunto

This book constitutes the refereed proceedings of the 35th IFIP WG 6.1 International Conference on Testing Software and Systems, ICTSS 2023, held in Bergamo, Italy, during September 18-20, 2023. The 13 full papers presented together with 6 short papers and one journal paper were carefully reviewed and selected from 56 submissions. The conference focuses on Test Case Generation; Test Automation and Design; Model Based Testing; and AI and Smart Contracts Testing.
