

| | |
|-------------------------|--|
| 1. Record Nr. | UNINA9910746290703321 |
| Titolo | Testing Software and Systems : 35th IFIP WG 6.1 International Conference, ICTSS 2023, Bergamo, Italy, September 18–20, 2023, Proceedings / / edited by Silvia Bonfanti, Angelo Gargantini, Paolo Salvaneschi |
| Pubbl/distr/stampa | Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023 |
| ISBN | 3-031-43240-1 |
| Edizione | [1st ed. 2023.] |
| Descrizione fisica | 1 online resource (297 pages) |
| Collana | Lecture Notes in Computer Science, , 1611-3349 ; ; 14131 |
| Disciplina | 004.62 |
| Soggetti | Software engineering Computer engineering Computer networks Computer science Software Engineering Computer Engineering and Networks Computer Science Logic and Foundations of Programming |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references and index. |
| 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 from Developer 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.
