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Nota di contenuto	Intro -- Message from the General Chairs -- Message from the Program Chairs -- Organization -- SSBSE'21 Tutorial: Search-Based System Testing with EvoMaster (Tutorial Paper) -- Contents -- Keynote -- On the Effectiveness of SBSE Techniques -- 1 Instance Space Analysis for SBSE -- References -- Research Papers -- Generating Failing Test Suites for Quantum Programs With Search -- 1 Introduction -- 2 Related Work -- 3 Background -- 4 Definitions -- 5 Quantum Search-Based Testing (QuSBT) -- 5.1 Failures Types, Test, and Test Assessment -- 5.2 Test Case Generation -- 6 Experimental Design -- 7 Results and Discussions -- 7.1 Results and Analyses -- 7.2 Discussion -- 8 Threats to Validity -- 9 Conclusion and Future Work -- References -- Preliminary Evaluation of SWAY in Permutation Decision Space via a Novel Euclidean Embedding -- 1 Introduction -- 2 SWAY for Permutative Decision Spaces -- 2.1 The Original SWAY -- 2.2 Preliminaries -- 2.3 Consideration of Naive Embedding -- 2.4 Motivations for Rank Based Embedding -- 3 Preliminary Evaluation: Test Case Prioritisation (TCP) -- 3.1 Performance Metrics -- 3.2 Baseline Approaches -- 3.3 SWAY for TCP -- 3.4 Benchmarks -- 3.5 Research Questions -- 4 Results -- 4.1 RQ1: How Well Does Our Approach Perform? -- 4.2 RQ2: Sensitivity of SWAY to Initial Sample Size -- 4.3 Threats to Validity -- 5 Related Work -- 6 Conclusions and Future Work -- References -- Search-Based Selection and Prioritization

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