1. Record Nr. UNINA9910736021203321 Autore Gerber Aurona **Titolo** South African Institute of Computer Scientists and Information Technologists: 44th Annual Conference, SAICSIT 2023, Pretoria, South Africa, July 17–19, 2023, Revised Selected Papers // edited by Aurona Gerber, Marijke Coetzee Cham: .: Springer Nature Switzerland: .: Imprint: Springer. . 2023 Pubbl/distr/stampa **ISBN** 3-031-39652-9 Edizione [1st ed. 2023.] Descrizione fisica 1 online resource (298 pages) Collana Communications in Computer and Information Science, , 1865-0937;; 1878 Altri autori (Persone) CoetzeeMariike Disciplina 005.3 Application software Soggetti Computer systems Computers, Special purpose Database management Computer and Information Systems Applications Computer System Implementation Special Purpose and Application-Based Systems **Database Management** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Intro -- Preface -- SAICSIT 2023 Organisation -- Contents --Computer Science Track -- Matching Production and Test Files: A Comparison of Filename and Statement-Based Approaches -- 1 Introduction -- 2 Background -- 2.1 Related Work -- 2.2 Problem Statement -- 3 Matching Files via Filenames -- 4 Matching Files via Assertions -- 4.1 Distinguishing Between Tests and Production Files --4.2 Block 2: Extract Assert Statements -- 4.3 Block 3: Split Fluent Assertion Methods in Assert Statements -- 4.4 Block 4: Identify Directly-Tested Arguments -- 4.5 Block 5: Locate Directly and Indirectly Tested Objects -- 4.6 Block 6: Extract Production Classes

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Sommario/riassunto

This book contains a selection of the best papers of the 44th Annual Conference, SAICSIT 2023, held in Pretoria, South Africa, in July 2023. The 18 papers presented in this volume were carefully reviewed and selected from 54 regular submissions. They adress various aspects of the role of computer science in connectivity, information systems for connectivity, connecting society and emerging technologies for connectivity.