Record Nr. UNISA996464502403316 Performance evaluation and benchmarking: 12th TPC Technology Titolo Conference, TPCTC 2020, Tokyo, Japan, August 31, 2020: revised selected papers / / Raghunath Nambiar, Meikel Poess (editors) Cham, Switzerland: ,: Springer, , [2021] Pubbl/distr/stampa ©2021 **ISBN** 3-030-84924-4 Edizione [1st ed. 2021.] Descrizione fisica 1 online resource (XIII, 113 p. 34 illus., 13 illus. in color.) Collana Lecture Notes in Computer Science; ; 12752 Disciplina 005.74 Soggetti Transaction systems (Computer systems) - Evaluation Databases - Quality control Database management Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Towards Testing ACID Compliance in the LDBC Social Network Nota di contenuto Benchmark -- EXPOSE: Experimental Performance Evaluation of Stream Processing Engines Made Easy -- Revisiting Issues in Benchmarking Metric Selection -- Performance Evaluation for Digital Transformation -- Experimental Comparison of Relational and NoSQL Document Systems: the Case of Decision Support -- A Framework for Supporting Repetition and Evaluation in the Process of Cloud-based DBMS Performance Benchmarking -- Benchmarking Al Inference: Where we are in 2020 -- A Domain Independent Benchmark Evolution Model for the Transaction Processing Performance Council. This book constitutes the refereed post-conference proceedings of the Sommario/riassunto 12th TPC Technology Conference on Performance Evaluation and Benchmarking, TPCTC 2020, held in August 2020. The 8 papers presented were carefully reviewed and cover the following topics: testing ACID compliance in the LDBC social network benchmark; experimental performance evaluation of stream processing engines made easy; revisiting issues in benchmarking metric selection; performance evaluation for digital transformation; experimental

comparison of relational and NoSQL document systems; a framework

for supporting repetition and evaluation in the process of cloud-based DBMS performance benchmarking; benchmarking Al inference; a domain independent benchmark evolution model for the transaction processing performance council.