1. Record Nr. UNINA9910495202103321

Titolo	Performance Evaluation and Benchmarking : 12th TPC Technology Conference, TPCTC 2020, Tokyo, Japan, August 31, 2020, Revised Selected Papers / / edited by Raghunath Nambiar, Meikel Poess
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 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	Programming and Software Engineering, , 2945-9168 ; ; 12752
Disciplina	005.74
Soggetti	Electronic digital computers - Evaluation Database management Application software Computer systems Expert systems (Computer science) Information technology - Management System Performance and Evaluation Database Management Computer and Information Systems Applications Computer System Implementation Knowledge Based Systems Computer Application in Administrative Data Processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Towards Testing ACID Compliance in the LDBC Social Network 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 AI Inference: Where we are in 2020 -- A Domain Independent Benchmark Evolution Model for

	the Transaction Processing Performance Council.
Sommario/riassunto	This book constitutes the refereed post-conference proceedings of the 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 AI inference; a domain independent benchmark evolution model for the transaction processing performance council.