1.	Record Nr.	UNINA9910427705403321
	Titolo	Similarity Search and Applications : 13th International Conference, SISAP 2020, Copenhagen, Denmark, September 30 – October 2, 2020, Proceedings / / edited by Shin'ichi Satoh, Lucia Vadicamo, Arthur Zimek, Fabio Carrara, Ilaria Bartolini, Martin Aumüller, Björn Þór Jónsson, Rasmus Pagh
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
	ISBN	3-030-60936-7
	Edizione	[1st ed. 2020.]
	Descrizione fisica	1 online resource (XIX, 414 p. 210 illus., 104 illus. in color.)
	Collana	Information Systems and Applications, incl. Internet/Web, and HCI, , 2946-1642 ; ; 12440
	Disciplina	025.04
	Soggetti	Information storage and retrieval systems
		Artificial intelligence
		Application software
		Database management
		Data mining
		Computer science - Mathematics
		Information Storage and Retrieval
		Artificial Intelligence
		Computer and Information Systems Applications
		Database Management
		Data Mining and Knowledge Discovery
		Mathematics of Computing
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Scalable Similarity Search -- Accelerating Metric Filtering by Improving Bounds on Estimated Distances -- Differentially Private Sketches for Jaccard Similarity Estimation -- Pivot Selection for Narrow Sketches by Optimization Algorithms -- mmLSH: A Practical and Efficient Technique for Processing Approximate Nearest Neighbor Queries on Multimedia Data -- Parallelizing Filter-Verification based Exact Set Similarity Joins on Multicores -- Similarity Search with Tensor Core Units -- On the

Problem of p1 in Locality-Sensitive Hashing -- Similarity Measures, Search, and Indexing -- Confirmation Sampling for Exact Nearest Neighbor Search -- Optimal Metric Search Is Equivalent to the Minimum Dominating Set Problem -- Metrics and Ambits and Sprawls, Oh My: Another Tutorial on Metric Indexing -- Some branches may bear rotten fruits: Diversity browsing VP-Trees -- Continuous Similarity Search for Evolving Database -- Taking advantage of highly-correlated attributes in similarity queries with missing values -- Similarity Between Points in Metric Measure Spaces -- High-dimensional Data and Intrinsic Dimensionality -- GTT: Guiding the Tensor Train Decomposition -- Noise Adaptive Tensor Train Decomposition for Low-Rank Embedding of Noisy Data -- ABID: Angle Based Intrinsic Dimensionality -- Sampled Angles in High-Dimensional Spaces -- Local Intrinsic Dimensionality III: Density and Similarity -- Analysing Indexability of Intrinsically High-dimensional Data using TriGen -- Reverse k-Nearest Neighbors Centrality Measures and Local Intrinsic Dimension -- Clustering -- BETULA: Numerically Stable CF-Trees for BIRCH Clustering -- Using a Set of Triangle Inequalities to Accelerate K-means Clustering -- Angle-Based Clustering -- Artificial Intelligence and Similarity -- Improving Locality Sensitive Hashing by Efficiently Finding Projected Nearest Neighbors -- SIR: Similar Image Retrieval for Product Search in E-Commerce -- Cross-Resolution deep features based Image Search -- LearningDistance Estimators from Pivoted Embeddings of Metric Objects -- Demo and Position Papers -- Visualizer of Dataset Similarity using Knowledge Graph -- vitrivr-explore: Guided Multimedia Collection Exploration for Ad-hoc Video Search -- Running experiments with confidence and sanity -- Doctoral Symposium -- Temporal Similarity of Trajectories in Graphs -- Relational Visual-Textual Information Retrieval.

Sommario/riassunto	This book constitutes the refereed proceedings of the 13th International Conference on Similarity Search and Applications, SISAP 2020, held in Copenhagen, Denmark, in September/October 2020. The conference was held virtually due to the COVID-19 pandemic. The 19 full papers presented together with 12 short and 2 doctoral symposium papers were carefully reviewed and selected from 50 submissions. The papers are organized in topical sections named: scalable similarity search; similarity measures, search, and indexing; high-dimensional data and intrinsic dimensionality; clustering; artificial intelligence and similarity; demo and position papers; and doctoral symposium.