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Domains -- Fast Top-k Similar Sequence Search on DNA Databases -- Graph Data and Knowledge Graph -- GN-GCN: Combining Geographical Neighbor Concept with Graph Convolution Network for POI Recommendation -- Network Topology to Predict Bibliometrics Indices: a Case Study -- A Neural Network Approach for Text Classification using Low Dimensional Joint Embeddings of Words and Knowledge -- Tree-based Graph Indexing for Fast kNN Queries -- IoT and Machine Learning -- An Object Separated Storage Framework towards Spatiotemporal Point Data Fast Query -- Streaming Augmented Lineage: Traceability of Complex Stream Data Analysis -- A Web Application for Experimenting and Validating Remote Measurement of Vital Signs -- Neural Kernel Network Deep Kernel Learning For Predicting Particulate Matter From Heterogeneous Sensors with Uncertainty -- Ontology and Semantic Web -- Comparative Ranking of Ontologies with ELECTRE Family of Multi-Criteria Decision-Making Algorithms -- Machine Learning Selection of Candidate Ontologies for Automatic Extraction of Context Words and Axioms from Ontology Corpus -- WAPITI – Web-based Assignment Preparation and Instruction Tool for Interpreters -- Performance and Optimization -- Optimization Heuristics for Cost-Efficient Long-Term Cloud Portfolio Allocations -- Latency-aware Inference on Convolutional Neural Network over Homomorphic Encryption -- PR-MVI: Efficient Missing Value Imputation over Data Streams by Distance Likelihood -- Discovering Relational Implications in Multilayer Networks using Formal Concept Analysis -- Inexpensive and Effective Data Fusion Methods with Performance Weights -- GPU Accelerated Parallel Implementation of Linear Programming Algorithms -- Towards Explaining DL Non-entailments by Utilizing Subtree Isomorphisms -- Query Optimization in NoSQL Databases Using An Enhanced Localized R-tree Index -- Handling Exit Node Vulnerability in Onion routing with a Zero-Knowledge Proof -- Privacy and Security -- An Accurate, Flexible and Private Trajectory-based Contact Tracing System on UntrustedServers -- Bilateral Bargaining for Healthcare Data Sharing -- Modifying Neo4j's Object Graph Mapper Queries for Access Control -- Recommendation Systems -- A Recommendation Method for Recipes Containing Unskillful Elements using Naïve Bayes Classifier to Improve Cooking Skills -- Extraction of Complementary Topics based on Phrase Importance and Co-occurrence in Technical Blogs -- Feature Relevance Analysis of Product Reviews to Support Online Shopping -- Annotation System for Dialogue Datasets of Older Adult's with Photos and Storytelling -- Evaluation axis for automatically generated product descriptions -- Similarity Measures and Metrics -- cisqa: Corporate Smart Insights Question Answering System -- Symmetry Metrics for Pairwise Entity Similarities -- A New Method to Measure Similarity of Words in Japanese Twitter Based on Related Images -- Topic and Text Matching -- Hybrid Phishing URL Detection Using Segmented Word Embedding -- A Scheme for News Article Classification in aLow-Resource Language -- Expertise Computation for Automatic Reviewer Assignment -- Detection of hot topics using Multi-view Text Clustering -- Virtual Reality/ Augmented Reality -- Interactive visualization of comic character correlation diagrams for understanding character relationships and personalities -- Two Case Studies on Guiding Human Behavior using Virtualization Technologies in Distributed Virtual Shopping Malls -- Central Figures in the Climate Change Discussion on Twitter -- e-Tracer: A Smart, Personalized and Immersive Digital Tourist Software System.

| Sommario/riassunto | This volume includes the papers presented at the 24th International Conference on Information Integration and Web Intelligence (iiWAS |

2022), organized in conjunction with 24th International Conference on Advances in Mobile Computing & Multimedia Intelligence (MoMM2022). The dominant research focus of submitted papers was artificial intelligence and machine learning. The accepted papers presented advances and innovations in an array of areas such as internet of things, virtual and augmented reality, various business applications. iiWAS 2022 attracted 97 papers, from which the Program Committee selected 26 regular papers and 25 short papers. Due to safety concerns as well as other restrictions preventing travel and gatherings, it was decided to organize iiWAS 2022 as a virtual conference.