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Disciplina	005.7
Soggetti	Data mining Artificial intelligence Algorithms Computer communication systems Data Mining and Knowledge Discovery Artificial Intelligence Algorithm Analysis and Problem Complexity Computer Communication Networks
Lingua di pubblicazione	Inglese
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Nota di contenuto	Visualization of Mixed Attributed High-Dimensional Dataset using SVD -- Max-flow Min-cut Algorithm in Spark with Application to Road Networks -- Association between Regional Difference in Heart Rate Variability and Inter-prefecture Ranking of Healthy Life 1 Expectancy: ALLSTAR Big Data Project in Japan -- Allocation four neighbor exclusive channels to polyhedron clusters in sensor networks -- Feature selection Techniques for Improving Rare Class Classification in Semiconductor Manufacturing Process -- A Novel Method for Extracting Dynamic Character Network from Movie -- Handling Uncertainty in Clustering Art-exhibition Visiting Styles -- Using Geotagged Resources on Social Media for Cultural Tourism: A Case Study on Cultural Heritage Tourism -- Archaeological Site Image Content Retrieval and Automated Generating Image Descriptions with Neural Network -- Correcting

Misspelled Words in Twitter Text -- Theoretical Concept of Inverse Kinematic Models to determine valid Work Areas using Target Coordinates from NC-programs  
ISSB -- Ransomware-prevention Technique using Key Backup -- Multi-level Steganography Based on Fuzzy Vault Systems and Secret Sharing Techniques -- On Exploiting Static and Dynamic Features in Malware Classification -- Distributed Compressive Sensing for Correlated Information Sources -- MMSE based Interference Cancellation and Beamforming Scheme for Signal Transmission in IoT -- A Multi-User-Collaboration Platform Concept for Managing Simulation-Based Optimization of Virtual Tooling as Big Data Exchange Service.

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Sommario/riassunto

This book constitutes the refereed post-conference proceedings of the 7th International Conference on Big data Technologies and Applications, BDTA 2016, held in Seoul, South Korea, in November 2016. BDTA 2016 was collocated with the First International Workshop on Internet of Things, Social Network, and Security in Big Data, ISSB 2016 and the First International Workshop on Digital Humanity with Big Data, DiHuBiDa 2016. The 17 revised full papers were carefully reviewed and selected from 25 submissions and handle theoretical foundations and practical applications which premise the new generation of data analytics and engineering.

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