1. Record Nr. UNINA9910619275003321

Titolo	Neural Computing for Advanced Applications : Third International Conference, NCAA 2022, Jinan, China, July 8–10, 2022, Proceedings, Part I / / edited by Haijun Zhang, Yuehui Chen, Xianghua Chu, Zhao Zhang, Tianyong Hao, Zhou Wu, Yimin Yang
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022
ISBN	9789811961427 9811961425
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (566 pages)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 1637
Disciplina	006.3
Soggetti	Artificial intelligence Numerical analysis Image processing - Digital techniques Computer vision Computer engineering Computer networks Social sciences - Data processing Artificial Intelligence Numerical Analysis Computer Imaging, Vision, Pattern Recognition and Graphics Computer Engineering and Networks Computer Communication Networks Computer Application in Social and Behavioral Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	TE-BiLSTM: Improved Transformer and BiLSTM on Fraudulent Phone Text Recognition -- Cross elitist learning multifactorial evolutionary algorithm -- Heterogeneous Adaptive Denoising Networks for Recommendation -- Formation Control Optimization via Leader Selection for Rotor Unmanned Aerial Vehicles -- Dynamic Monitoring Method Based on Compara-tive Study of Power and Environmental

Protection Indicators -- Combustion State Recognition Method in Municipal Solid Waste Incineration Process Based on Improved Deep Forest -- RPCA-induced Graph Tensor Learning for Incomplete Multi-view Inferring and Clustering -- TRUST-TECH Assisted GA-SVM Ensembles and its Applications.

Sommario/riassunto

The two-volume Proceedings set CCIS 1637 and 1638 constitutes the refereed proceedings of the Third International Conference on Neural Computing for Advanced Applications, NCAA 2022, held in Jinan, China, during July 8–10, 2022. The 77 papers included in these proceedings were carefully reviewed and selected from 205 submissions. These papers were categorized into 10 technical tracks, i. e., neural network theory, and cognitive sciences, machine learning, data mining, data security & privacy protection, and data-driven applications, computational intelligence, nature-inspired optimizers, and their engineering applications, cloud/edge/fog computing, the Internet of Things/Vehicles (IoT/IoV), and their system optimization, control systems, network synchronization, system integration, and industrial artificial intelligence, fuzzy logic, neuro-fuzzy systems, decision making, and their applications in management sciences, computer vision, image processing, and theirindustrial applications, natural language processing, machine translation, knowledge graphs, and their applications, Neural computing-based fault diagnosis, fault forecasting, prognostic management, and system modeling, and Spreading dynamics, forecasting, and other intelligent techniques against coronavirus disease (COVID-19).