

1. Record Nr.	UNINA9910522927103321
Titolo	Intelligent computing and optimization : proceedings of the 4th International Conference on Intelligent Computing and Optimization 2021 (ICO2021) // Pandian Vasant, Ivan Zelinka and Gerhard Wilhelm Weber, editors
Pubbl/distr/stampa	Cham, Switzerland : , : Springer International Publishing, , [2021] ©2021
ISBN	3-030-93247-8
Descrizione fisica	1 online resource (1020 pages) : (XXIV, 1006 p. 436 illus., 338 illus. in color.)
Collana	Lecture Notes in Networks and Systems ; ; v.371
Disciplina	006.3
Soggetti	Computational intelligence Computational intelligence - Simulation methods
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Low-Light Image Enhancement with Artificial Bee Colony Method -- Optimal State-Feedback Controller Design for Tractor Active Suspension System via Levy-Flight Intensified Current Search Algorithm --The Artificial Intelligence Platform with the Use of DNN to Detect Flames: A Case of Acoustic Extinguisher --Adaptive harmony search for cost optimization of reinforced concrete columns --Best Traffic Signs Recognition Based on CNN Model for Self-Driving Cars --Optimisation and Prediction of Glucose Production from Oil Palm trunk via Simultaneous Enzymatic Hydrolysis --Synthetic data augmentation of cycling sport training datasets --Optimal Compensation of Bouc-Wen model hysteresis using square dither --Hybrid Pooling Based Convolutional Neural Network for Multi-class Classification of MR Brain Tumor Images --Importance of Fuzzy Logic in Traffic and Transportation Engineering --A Fuzzy Based Clustering Approach to Prolong the Network Lifetime in WSNs --Visual Expression Analysis from Face Images Using Morphological Processing --Detection of invertebrate virus carriers using deep learning networks to prevent emerging pandemic-prone disease in tropical regions --Classification and detection of Plant Leaf Diseases using various Deep Learning

techniques and Convolutional Neural Network --Distributed Self-triggered Optimization for Multi-agent Systems --Automatic Categorization of News Articles and Headlines using Multi-layer Perceptron --Using Machine Learning Techniques for Estimating the Electrical Power of a New-Style of Savonius Rotor: A Comparative Study --Tree-like Branching Network for Multi-class Classification --Multi-Resolution Dense Residual Networks with High- Modularization for Monocular Depth Estimation --A Decentralized Federated Learning paradigm for Semantic Segmentation of Geospatial Data -- Development of Contact Angle Prediction for Cellulosic Membrane -- Feature Engineering Based Credit Card Fraud Detection for Risk Minimization in E-Commerce --DCNN-LSTM Based Audio Classification Combining Multiple Feature Engineering and Data Augmentation Techniques --Sentiment Analysis: Developing an Efficient Model Based on Machine Learning and Deep Learning Approaches --Improved Face Detection System --Paddy Price Prediction in the South-Western Region of Bangladesh --Paddy Disease Prediction Using Convolutional Neural Network --Android Malware Detection System: A Machine Learning and Deep Learning based Multilayered Approach.

Sommario/riassunto

Fourth edition of International Conference on Intelligent Computing and Optimization took place at December 30-31, 2021, via ZOOM. Objective was to celebrate "Compassion and Wisdom" with researchers, scholars, experts and investigators in Intelligent Computing and Optimization worldwide, to share knowledge, experience, innovation--marvelous opportunity for discourse and mutuality by novel research, invention and creativity.
