JOURNAL OF COMPUTERS

ISSN: 1991-1599 Volume 33 Number 6 December 2022

CONTENTS

An Improved Chicken Swarm Optimization Algorithm Based on Adaptive Mutation Learning Strategy.....1

Xin-Xin Zhou, Zhi-Rui Gao, Xue-Ting Yi

An Non-Intrusive Load Event Detection Approach Based on CEEMDAN-WTD-F Test 21

Ling-Zhi Yi, Xi-Meng Liu, Guo-Yong Zhang, Hui-Na Song, Ning Liu

Predicting Temperature-induced Deflection and Abnormality Recognition of Cable-stayed Bridge Based on Machine Learning.....37

Shou-Wang Sun, Zhi-Wen Wang, You-Liang Ding, Zi-Xiang Yue

Operator Hardware Realization using FPGA: CMAC Implementation as an Example.....51

Kuan-Yi Lin, Shih-An Lee, Peter Liu

Research on Community Intelligent Logistics UAV Scheduling Based on Intelligent Optimization Algorithm.....61

Ya-Ping Li, Shang-Cai Chi

A Private Storage System of Medical Data Based on Blockchain 73

Shengjuan Guo, Mei Yang

A Bayesian Network Model for Rough Estimations of Casualties by Strong Earthquakes in Emergency Mode 83

Dan Tian, Yong-Jie Xu, Tong-Lei Qu, Rong-Guang Jia, Hao Zhang, Wen-Jie Song

OLTC Fault Diagnosis Method Based on Time Domain Analysis and Kernel Extreme Learning Machine.....91

Yan Yan, Hongzhong Ma, Dongdong Song, Yang Feng, Dawei Duan

A Prediction Model for Substation Investment Benefit Based on Granger Causality.....107

Xiaoguang Liu, Renping Song, Guoliang Ding, Mingxia Zu, Xiaomei Wang, Yuan Wang

Miniature Detection Buoy Based on Fuzzy Adaptive PID Algorithm 119

Bangzhen Huang, Yani Cui, Jia Ren, Jiafu Yi

Research on Mutual Information Feature Selection Algorithm Based on Genetic Algorithm 131
Dan Liu, Shu-Wen Yao, Hai-Long Zhao, Xin Sui, Yong-Qi Guo, Mei-Ling Zheng, Li Li
Research on Optimization Strategy of Stacker Scheduling in Intelligent Storage System Based on Intelligent Improved Algorithm 143
Shang-Cai Chi, Ya-Ping Li
An Improved Machine Learning Model for Pig Abnormal Voice Recognition 155
Ying-Ming Shi
Feature Fusion Method for Low-Illumination Images 167
Ya-Nan Li, Zhen-Feng Zhang, Yi-Fan Chen, Chu-Hua Huang
YOLOv4-A: Research on Traffic Sign Detection Based on Hybrid Attention Mechanism 181
Songlin Yin, Fei Tan