

Paper ID: ICGEC-2023-A01

Paper Title: Analysis on the Influence of Regional Agricultural Planting Factors on Grain Yield Based on Genetic Feedback Process Neural Network

Author(s): Yuan Tian, Yongquan Liang

Paper ID: ICGEC-2023-A02

Paper Title: Analysis of the coordination of highway network in urban agglomerations based on fractal theory

Author(s): Meng-Jun Mei, Ding Chen, Zhe-Ming Lei, Bin Hu

Paper ID: ICGEC-2023-A03

Paper Title: Path Planning Based on YOLOX and Improved Dynamic Window Approach

Author(s): Xin Zhang

Paper ID: ICGEC-2023-A04

Paper Title: The Role of Reputation–Aspiration in the Evolution of Cooperation

Author(s): Xin Ge, Yue Liu, Lili Li

Paper ID: ICGEC-2023-A05

Paper Title: A New Membrane Algorithm based on Quasi-Affine TRansformation Evolution for Optimization Problems

Author(s): Xiaopeng Wang, Václav Snášel, Seyedali Mirjalili, Shu-Chuan Chu, Hisham A. Shehadeh

Paper ID: ICGEC-2023-A06

Paper Title: UAV Path Planning Based on Improved QUATRE Algorithm in Different Environments

Author(s): Xin Zhang, Gengfeng Zheng, Haolong Chen, Song Chen

Paper ID: ICGEC-2023-A07

Paper Title: A Hybrid Algorithm ACS-GA for Solving the Traveling Salesman Problem

Author(s): Zhonghai Bai, Václav Snášel, Vo Bay, Lingping Kong, Xiaopeng Wang

Paper ID: ICGEC-2023-A08

Paper Title: Efficient Weighted Sequence Pattern Mining

Author(s): Shaotao Chen, Jiahui Chen, Shicheng Wan

Paper ID: ICGEC-2023-A09

Paper Title: Exploring the Integration of Neural Networks in Quality-Oriented Education for Undergraduates: Evolutionary Computing-Based Personalized Learning Path Recommendation

Author(s): Xiaoyu Dong, Miaomiao Zhao

Paper ID: ICGEC-2023-A10

Paper Title: Evaluation of Deep Clustering for Assessing Undergraduate Understanding in Ideological and Political Education: Data-Driven Analytics

Author(s): Miaomiao Zhao, Xiaoyu Dong

Paper ID: ICGEC-2023-A11

Paper Title: Lightweight Dialog State Tracking Methods Based on RoBERTa for Resource Constrained Dialog Systems

Author(s): Dapeng Li, Shuliang Wang, Boxiang Zhao, Zhiqiang Ma, Xin Xin

Paper ID: ICGEC-2023-A12

Paper Title: An ETC missed transaction data restoration approach for expressways considering multiple scenario features

Author(s): Zhaoyi Zhou, Fumin Zou, Qiqin Cai

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Paper Title: Emotional Visualization Analysis Based on Online Book User Comments

Author(s): Jingxiu Xu, Albert A. Vinluan

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Paper Title: Multi-Scale Convolution Kernels and Residual Components for Deciduous Leaves Detection

Author(s): Ta-Wen Kuan, Xiaodong Yu, Shunlian Luo, Yuh-Chung Lin, Ying Chen, Yanze Wang

Paper ID: ICGEC-2023-A15

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Author(s): Ta-Wen Kuan, Xiaodong Yu, Qi Wang, Yihan Wang

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Author(s): Xinyuan Zhu, Yuji Sato, Mads Midtlyng, Mikiko Sato, Jia Guo

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Author(s): Qian Jiang

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Author(s): Zhen Song, Yufeng Wu, Longfei Zhang, Wenting Tao, Lijie Li, Gangyi Ding

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Paper Title: Deep learning-based speed limit information recognition

Author(s): Xu Luo, Fumin Zou, Sijie Luo, Feng Guo

Paper ID: ICGEC-2023-A24

Paper Title: Vehicle identification model of expressway service area based on ETC transaction data

Author(s): Fumin Zou, Yi You, Qiqin Cai, Feng Guo

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Author(s): Connor Little, Salimur Choudhury, Kai Salomaa

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Author(s): Sufen Chen, Xiaofang Nie, Xueqiang Zeng

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Author(s): Yin-Chi Chang, Kevin Huang, Da-Zhong Guan

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Author(s): Kuan-Chun Huang, Wen-Yen Huang

Paper ID: ICGEC-2023-B01

Paper Title: Binary Growth Optimizer: for Solving Feature Selection Optimization Problems

Author(s): Shu-Chuan Chu, Zhi-Chao Dou, Jeng-Shyang Pan, Lingping Kong, Tien-Szu Pan

Paper ID: ICGEC-2023-B02

Paper Title: A New Coati Optimization Algorithm for Binary Optimization

Author(s): Gui-Ling Wang, Shu-Chuan Chu, Jeng-Shyang Pan, Dongqiang Yang, Chin-Shiuh Shieh

Paper ID: ICGEC-2023-B03

Paper Title: Bamboo Forest Growth Optimization Algorithm for Night Image Enhancement

Author(s): Hao-Jie Shi, Jeng-Shyang Pan, Shu-Chuan Chu, Lingping Kong, Václav Snášel

Paper ID: ICGEC-2023-B04

Paper Title: Generalization of Relay Node Deployment Problem for Wireless Sensor Network on jMetal

Author(s): Lingping Kong, Petr Gajdos, Jeng-Shyang Pan, Václav Snášel

Paper ID: ICGEC-2023-B05

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Author(s): Zhen Zhang, Shu-Chuan Chu, Jeng-Shyang Pan, Wei Li, Hongmei Yang

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Author(s): Xue-Qian Zheng, Ding Chen, Xin Yuan, Jing Sheng

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Author(s): Longkang Yue, Jeng-Shyang Pan, Shu-Chuan Chu, Shi-Huang Chen, Junzo Watada

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Author(s): Han Gao, Weimin Zheng, Minghui Zhu

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Author(s): Mingmei Shao, Yanyan Liu , Jiaze Tang, Huanyu Liu, Junbao Li

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Author(s): Shu-Chuan Chu, Thi-Kien Dao, Thi-Minh-Phuong Ha, Truong-Giang Ngo, Trong-The Nguyen

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Author(s): Jeng-Shyang Pan, Trong-The Nguyen, Trinh-Dong Nguyen, Thi-Xuan-Huong Nguyen, Thi-Kien Dao

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Paper Title: Dynamic Detection of multi-forked Tree Gantry Anomaly Based on Isolated Forest Algorithm

Author(s): Yue Xing, Fumin Zou, Feng Guo

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Author(s): GuangHao Luo, FuMin Zou, Feng Guo, ChenXi Xia

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Author(s): Ting Ye, Fumin Zou, Feng Guo

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Author(s): ChenXi Xia, FuMin Zou, Feng Gou, GuangHao Luo

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Author(s): Shilong Zhuo, Fumin Zou, Feng Guo, Xinrui Zhao

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Author(s): Wenyu Chen, Fumin Zou, Feng Guo

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Author(s): Xinrui Zhao, Fumin Zou, Feng Guo, Sirui Jin

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Author(s): Lei Yu, Xueli Tan, Delin Luo, Lin Yang, Xinping Pang, Zhengchao Shan, Chengjiang Zhu, Jeng-Shyang Pan, Chaoyang Pang

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Author(s): Yang-Zhi Chen, Ruo-Bin Wang, Hao-Jie Shi, Rui-Bin Hu, Lin Xu

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Author(s): Hao-Jie Shi, Feng Guo, Yang-Zhi Chen, Lin Xu, Ruo-Bin Wang

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Author(s): Wei Zong, Dawei Luo

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Author(s): Juan Luo

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Author(s): Yen-Deng Huang, Simon Wu, Xue-Fei Yuan

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Paper Title: Proposal of a DDoS Attack Detection Method Using the Communication Interval

Author(s): Kosei Iwasa, Shotaro Usuzaki, Kentaro Aburada, Hisaaki Yamaba, Tetsuro Katayama, Mirang Park, Naonobu Okazaki

Paper ID: ICGEC-2023-B42

Paper Title: Study of an image-based CAPTCHA that is resistant to attacks using image recognition systems

Author(s): Sojiro Nishikawa, Shotaro Usuzaki, Kentaro Aburada, Hisaaki Yamaba, Tetsuro Katayama, Mirang Park, Naonobu Okazaki

Paper ID: ICGEC-2023-B43

Paper Title: Blind Image Quality Assessment Using Standardized NSS and Multi-Pooled CNN

Author(s): Nay Chi Lynn, Yosuke Sugiura, Tetsuya Shimamura

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Paper Title: Abnormal Activity Detection based on Place and Occasion in Virtual Home Environments

Author(s): Swe Nwe Nwe Htun, Shusaku Egami, Duan Yijun, Ken Fukuda

Paper ID: ICGEC-2023-B45

Paper Title: Proposal of Fill in the Missing Letters CAPTCHA Using Associations from Images

Author(s): Hisaaki Yamaba, Muhammad Nur Firdaus Bin Mustaza, Shotaro Usuzaki, Kentaro Aburada, Masayuki Mukunoki, Mirang Park, Naonobu Okazaki

Paper ID: ICGEC-2023-B46

Paper Title: Digital Transformation (DX) Solution for Monitoring Mycoplasma Infectious Disease in Calves: A Worldwide Health Challenge

Author(s): Cho Nilar Phyto, Pyke Tin, Hiromitsu Hama, Thi Thi Zin

Paper ID: ICGEC-2023-B47

Paper Title: AI Driven Movement Rate Variability Analysis Around the Time of Calving Events in Cattle

Author(s): Wai Hnin Eaindrar Mg, Pyke Tin, Masaru Aikawa, Ikuo Kobayashi, Yoichiro Horii, Kazuyuki Honkawa, Thi Thi Zin

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Author(s): Min-Xiang Chen, Po-Han Chen, Chia-Chi Tsai

Paper ID: ICGEC-2023-B49

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Author(s): Chao-Yang Lee, Abida Khanum

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Author(s): Xuan Zhang, Lixin Huang, Teng Fu, Yujia Wu

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Paper Title: Research on the Influence Mechanism of College Students' Learning Satisfaction Based on the Chain Mediation Model

Author(s): Xin Guo, YiChen Yang, Zilong Yin, Ying Chen, Yujia Wu

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Paper Title: Design of license plate recognition system based on machine vision

Author(s): Xu Yang, Ming Hui Zhang, Ming Chao Zhang

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Author(s): Wei Hong Yu, Ming Hui Zhang, Ming Chao Zhang

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Author(s): Xuwei Zhang, Zhiqiang Zhu

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Author(s): Yaqing Zheng, Hongyuan Gao, Yulong Qiao