The Journal of Grey System

Contents

The Optimization Degree of Provincial Industrial Ecosystem and EKC of China—Based on the Grey Correlation Analysis
Wenping Wang, Zhoumu Yang, Yun Lu, Yuli Shi, Bin Zhang 1

An Overview on the Hybrid Intelligent Systems from the Grey Systems Theory and Knowledge Perspective
Emil Scarlat, Camelia Delcea 13

Grey Target Decision Model based on a New Distance Measure
Mingli Hu 27

A Kind of Nonlinear Strengthening Operators for Predicting the Output Value of China’s Marine Electric Power Industry
Yuhong Wang, Ke Qu, Zhengxin Wang 35

Comparative Research on the IOT Industry Competitiveness of Eastern, Central and Western China
Xiaozhong Li, Yue Li, Hailei Zhao 53

Design of a Disturbance Feedforward Based Grey Predictive Controller for Stabilized Platform System
Jianshan Lu, Weidong Xie, Hongbo Zhou, Aijun Zhang 64

Optimization of Cab Suspension Parameters of Self-dumping Trucks Using Grey Relational Analysis
Dengfeng Wang, Rongchao Jiang, Wenchao Lu, Hanguang Liu 76

A Novel Adaptive Grey Predictive Controller Based on Fractional-order Improved Disturbance Observer and its Applications
Hongbo Meng, Changming Wang, Aijun Zhang, Jiandong Bao 90
Increasing Prediction Precision of NGBM(1,1) Based on 1-WAGO and 1-WIAGO Techniques
Zhengxin Wang, Hongtao Zhu, Dejun Ye 107

Competencies’ Model in the Succession Process of Family Firms with the Use of Grey Clustering Analysis
Ewa Więcek-Janka, Rafał Mierziak, Joanna Kijewska 121

Author Guidelines