

# The Journal of Grey System

## Contents

<b>The Optimization Degree of Provincial Industrial Ecosystem and EKC of China —Based on the Grey Correlation Analysis</b> Wenping Wang, Zhoumu Yang, Yun Lu, Yuli Shi, Bin Zhang	1
<b>An Overview on the Hybrid Intelligent Systems from the Grey Systems Theory and Knowledge Perspective</b> Emil Scarlat, Camelia Delcea	13
<b>Grey Target Decision Model based on a New Distance Measure</b> Mingli Hu	27
<b>A Kind of Nonlinear Strengthening Operators for Predicting the Output Value of China's Marine Electric Power Industry</b> Yuhong Wang, Ke Qu, Zhengxin Wang	35
<b>Comparative Research on the IOT Industry Competitiveness of Eastern, Central and Western China</b> Xiaozhong Li, Yueli Gao, Hailei Zhao	53
<b>Design of a Disturbance Feedforward Based Grey Predictive Controller for Stabilized Platform System</b> Jianshan Lu, Weidong Xie, Hongbo Zhou, Aijun Zhang	64
<b>Optimization of Cab Suspension Parameters of Self-dumping Trucks Using Grey Relational Analysis</b> Dengfeng Wang, Rongchao Jiang, Wenchao Lu, Hanguang Liu	76
<b>A Novel Adaptive Grey Predictive Controller Based on Fractional-order Improved Disturbance Observer and its Applications</b> 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 Mierzwiak, Joanna Kijewska 121

**Author Guidelines**

**Contents**