

# The Journal of Grey System

## Contents

### **Investment Bubble Formation Mechanism of Centipede Network Game Based on Grey Integration of Forwards Induction**

Zhigeng Fang, Zhijun Yang, Lulu Shui **1**

### **Not Black Not even White Definitely Grey Economic Systems**

Camelia Delcea **11**

### **Multi-indicators Comprehensive Evaluation for Air Quality Based on Grey Incidence Analysis**

Wei Meng, Sifeng Liu, Bo Zeng, Naiming Xie, Qian Li **26**

### **Modification of the Grey Evaluation Model Based on the Optimization of a Center-point Triangular Whitenization Weight Function**

Hehua Wang , Jianjun Zhu , Zhigeng Fang, Xiaodi Liu **34**

### **Grey Number Sequence Forecasting Approach for Interval Analysis: A Case of China's Gross Domestic Product Prediction**

Naiming Xie , Sifeng Liu , Chaoqing Yuan, YingjieYang **45**

### **Robust Stability of Grey Neutral Stochastic Differential Systems with Impulsive Effects**

Chunhua Su, Minghai Yang **59**

### **Grey Set Conversion and Decision Method of Intuitionistic Fuzzy Sets**

Qingsheng Li, ZhaoNi, Sifeng Liu **75**

### **A New Grey Phase Plane Control Algorithm**

Jianmin Zhu, Zhengqiang Shen, Fucai Li , Donger Zhou, Beichuan Qi **82**

**A Novel Dominance Relation and Application in Interval Grey  
Number Decision Model**

Mingli Hu, Linli Li

**91**

**Neighborhood-based Collaborative Filtering Using Grey  
Relational Analysis**

Yi-Chung Hu

**99**

**Author Guidelines**