

# The Journal of Grey System

## Contents

<b>A Grey Qualitative Based Approach for Environmental Information Analysis</b> Weiwei Qu, Zonghai Chen, Peng Wang, Jian Sun	1
<b>Grey Input-output Analysis for Fixed Assets</b> Qiaoxing Li, Sifeng Liu	14
<b>New Trapezoid-based Definitions for Absolute/Similitude Degree of Grey Incidence</b> Ming-Feng Yeh, Hung-Ching Lu	29
<b>The Non-homogenous Multi-variable Grey Model NFMGM(1,n) with Fractional Order Accumulation and Its Application</b> Youxin Luo, Qiyuan Liu	39
<b>GM(1,1) Model Considering the Approximate Heteroscedasticity</b> Jinhai Guo, Xinping Xiao, Jinwei Yang, Yuqiu Sun	53
<b>Tolerance Rough Sets Using Grey Relational Analysis with Accumulated Generating Operation for Classification Problems</b> Wen-He Lin, Yi-Chung Hu	67
<b>A Novel Integration of DEA, GM(1,1) and Neural Network in Strategic Alliance for the Indian Electricity Organizations</b> Nhu-Ty Nguyen, Thanh-Tuyen Tran	80
<b>Uncertainty Grey Incidence Clustering Method Based on Multidimensional Sequences</b> Jin Dai, Yi Yan, Yuhong He	102

**Grey Confidence Interval Estimation of Small Samples Based on Numerical Characteristics**

Wenguang Yang, Yunjie Wu, Jianmin Wang

113

**Hybrid de-noising algorithm based on FLP, grey AGO and LWT**

Yanfei Kou, Ziming Kou, Jieming Yang

125

**Author Guidelines**