

The Journal of Grey System

Contents

On the New Model System and Framework of Grey System Theory Sifeng Liu, Liangyan Tao, Naiming Xie, Yingjie Yang	1
Fifty Shades of Partial Information ... Alan Pearman	16
An Autonomous FGCM-based System for Surveillance Assets Coordination Jose L. Salmeron	27
Grey Incidence Analysis on Relationship between China's OFDI Industry Layout and Industrial Structure Optimization Ying Wang, Ran Bi, Qi Liu	36
Image Segmentation based on Genetic Algorithms and Grey Relational Analysis Yufeng Gui, Peng Su, Xianqiao Chen	45
Graph Model for Conflict Resolution with Grey Information and Application Yong Liu	52
A Study on the Innovation Contest Based on Grey Degree of Solvers' Knowledge Wenping Wang, Yichuan Chen, Xianghong Lai, Hui Shu	65
Forecasting China's SO2 Emissions by the Nonlinear Grey Bernoulli Self-memory Model Xiaojun Guo, Sifeng Liu, Yinjie Yang, Jingliang Jin	77
Grey Relational Analysis and Natural Language Processing to: Grey Language Processing Arjab Singh Khuman, Yingjie Yang, Sifeng Liu	88
Identification of Overlapping Community Structure with Grey Relational Analysis in Social Networks Ling Wu, Qishan Zhang, Kun Guo, Qiu Qirong	98

The Grey Correlation Analysis between Technology Readiness Level and Performance in Civil Aircraft

Jianling Wang, Mohammed E.S.S Eltayyar,
Junyan Wu, Lei Xiang 109

Grey Prediction of China Grain Production with TEI@I Methodology

Qiting Chen, Chao Zhang, Zhuo Zhang 118

Multi-Agent Simulation Model of China's Real Estate Market Based on Bayesian Network Decision Making

Yang Shen, Yongchen Guo, Zhigeng Fang, Jing Ma 127

Research on Risk Assessment and Control Decision-making of Collaborative R&D Between Main Manufacturer and Suppliers for Aviation Complex Products

Hongzhan Chen, Xuesong Zhuang, Shuai Ma,
Mingxu Zhu, Cheng Yongbo 135

Product Requirement Analysis Based on the Improved House of Quality

Yanfeng Chu, Hongchang Ren 151

Research on Structure and Operation of Industrial Innovation Platform of Civil-military Integration

Qingmei Tan, Dandan Li 158

Credit Expansion and Concentration in China Based on GMCR

Jie Li, Wenyu Han, Haiyan Xu 165

System State Assessment of a Grey Immune Mechanism-based Organic Manufacturing System

Qixiang Cai, Dunbing Tang, Haihua Zhu, Tengxiao Huang 173

Product Quality Dynamics in Closed-Loop Supply Chains and Its Sensitivity Analysis

Chong Li, Xiaodong Xiang, Yuling Qu 180

Analysis of the Healthcare Risks' Incidence on Patients' Wellbeing State

Camelia Delcea, Ioana Bradea, Liviu-Adrian Coffas 191

Author Guidelines