

The Journal of Grey System

Contents

| | |
|---|-----|
| Research on Risk Index Measurement of Important Scientific and Technological Equipment Project Based on Milestone Event and Game House Model | |
| Sifeng Liu, Handan Rui, Chuan Li, Yaping Li, Jinyu Sun | 1 |
| Research on Multiple-Objective Weighted Grey Target Reliability Optimization Model of Complex Product | |
| Ding Chen, Zhigeng Fang , Xiaqing Liu, Surong Zhang | 11 |
| Air Traffic Management System Safety Evaluation Based on Grey Evidence Theory | |
| Jun Yan, Zinan Xie, Kejia Chen, Yuegan Lin | 23 |
| An Integrated Failure Prioritizing Model of Complex Equipment | |
| Chuanmin Mi, Yuan Qiang, Sifeng Liu, Jing Ma, Zhigeng Fang | 39 |
| Capturing the Key Customer Requirements for Complex Equipment Design Using Grey Relational Analysis | |
| Fang Wang, Hua Li, Ming Dong | 51 |
| Procurement Allocation Model of Complex Equipment Outsourcing Parts Under Grey Information | |
| Hongzhuan Chen, Ting Li, Kaifeng Fan, Xuesong Zhuang | 71 |
| A Hybrid Model of Fuzzy Logic and Grey Relation Analysis to Evaluate Tight Gas Formation Quality Comprehensively | |
| Fanhui Zeng, Jianchun Guo, Chuan Long | 87 |
| Research on A GERT Based Risk Transfer Model in Complex Product Development Process | |
| Zhuo Zhang,Wei Ye ,Zhaotian Xia | 99 |
| Study on a Complex Equipment Reliability Growth Stanford B-AMSAA Model | |
| Na Zhang, Zhigeng Fang, and Xiaqing Liu | 112 |
| A Novel GERT Model with Grey Parameters | |
| Mingli Hu , Wenjie Liu, Fei Han | 123 |

| | |
|---|-----|
| Decision Target Adjustment Quality Function Deployment Network with An Uncertain Multi-level programming Model for A Complex Product | |
| Yaping Li, Sifeng Liu, Lei Xu, Hongzhuan Chen, Haiyan Wa | 132 |
| A Maximum Entropy Incentive Model for “Main Manufacturer-Suppliers” Cooperation Relationship of Large Civil Aircraft | |
| Huanhuan Zhao, Lirong Jian, Yong Liu | 151 |
| Study on the Relationship of Quality Governance and Economic Diversification in Developing Countries | |
| Xiaofeng Zhao | 165 |
| A Quality Detection GFTA-GERT Model for Trunk Airplanes Based On Multi-core Distributed Coordination Network | |
| Wei Ye, Zhigeng Fang, Ruiting Xu, Yongbo Cheng | 178 |
| A Complex Equipment Reliability Prediction Model in Case of Disturbance Information | |
| Jiefang Liu, Qing Xia, Sifeng Liu, Lifeng Wu, Zhigeng Fang | 193 |
| Formation Mechanism and Evolutionary Path of Emerging Industries | |
| Dejin Song, Sifeng Liu, Hongxing Shi | 203 |
| GM(1,1) Cosine Self-Memory model and its application | |
| Weijie Zhou, Yaoguo Dang | 213 |
| The Improved GM (1, N) Models with Optimal Background Values: a Case Study of Chinese High-tech Industry | |
| Lingling Pei , Wanming Chen, Junhong Bai , Zhengxin Wang | 223 |
| Demand Forecasting of Emergency Medicines after the Massive Earthquake—A Grey Discrete Verhulst Model Approach | |
| Jun Zhang, Changsheng Chen, Bo Zeng | 234 |
| Evaluation of Eco-tourism Resources of Forest Nature Reserves Based On Grey Cluster Model | |
| Huibin Zhan, Sifeng Liu, Qinglong Shao | 249 |
| Author Guidelines | |