

Appendix 1 GSUA 2024 Best Paper List

	Paper ID	Author	Paper Title
Parallel Session 1	GSUA2024-012	Francisco Trejo;Rafael Torres-Escobar;	Application of a grey model GM (1,1) for demand forecasting in a third-party logistics provider for the maquila industry in Mexico
	GSUA2024-065	Mohammed Atef;Sifeng Liu	Covering-based grey multi-granulation rough sets
	GSUA2024-011	Ismail Kamdar;Sifeng Liu;	Evaluating underlying barriers and development pathways for photovoltaic solar energy in China using the grey analytic hierarchy process
Parallel Session 2	GSUA2024-076	Islam Mahmoud	Comparative Analysis of Grey Forecasting Models for Population Aging Prediction: A Case Study of Egypt's Demographic Evolution
	GSUA2024-093	Bianca Cibu	Grey Clustering for Complex Decision Making in Counties' Socio-Economic and Security Contexts
	GSUA2024-054	Ehsan Javanmardi	A Novel Dynamic Grey SERVQUAL Approach to Quantifying Consumers' Attitudes Towards Green Products
Parallel Session 3	GSUA2024-036	李翀, 余新茹	An Interval Grey Number Approach to Congestion Measurement in Data Envelopment Analysis
	GSUA2024-041	刘嘉怡	Prediction of fossil energy consumption in China based on grey-neural network NGDM(1, N)-GRNN combination model
	GSUA2024-095	闫书丽	A multi-attribute quantum group decision model based on grey relational analysis
Parallel Session4	GSUA2024-030	谢雨晗	Research on grey prediction of regional dual energy consumption under carbon emission peak constraints
	GSUA2024-046	马金山	A Novel Pattern Recognition Method for Mixed Attributes

Parallel Session 5	GSUA2024-019	蔡凯	A novel power-sum time-varying grey prediction model based on the dingo optimization algorithm and its applications
	GSUA2024-028	范献胜	The grey fractional order Bass diffusion model with an application to the industrial digitization in China
	GSUA2024-014	朱晨	考虑专家期望信息的概率语言灰靶决策方法
	GSUA2024-066	张娜	基于灰色关联与量子干涉效应的作战效能评估指标筛选
Parallel Session 6	GSUA2024-069	王小雷	Grey system modeling for deteriorating inventory
	GSUA2024-052	黄裕峯,张廷政	Enhancing False Information Detection in Social Networks Using Grey Clustering
	GSUA2024-017	殷春武	基于灰理想熵关联度的预设性能函数 TOPSIS 评价
Parallel Session 7	GSUA2024-005	张罗澜	含时滞因果项的灰色 BP 神经网络组合模型及其应用
	GSUA2024-042	李爱萍	A time-series spiderweb grey-target model for early warning of the risk at the interface of traditional energy withdrawal and new energy substitution
	GSUA2024-101	Cheng-Hsiung Hsieh, Xin-Rui Lin, and Wei-Cheng Liao	Impulse Noise Replacement Using Adaptive Grey Polynomial Interpolation and Image Fusion
Parallel Session 8	GSUA2024-038	吴文青	A non-homogeneous discrete grey forecasting model with arbitrary accumulation operators and its application in Sichuan county economy
	GSUA2024-039	韩旭	Forecasting the amount of urban domestic waste clearance in China with an optimized grey convolution model

	GSUA2024-040	徐潇	Research on Construction of a Novel Grey Possibility Degree Clustering Model Based on Dynamic Contribution Degree and Its Application
Parallel Session 9	GSUA2024-063	耿辰	基于熵权 TOPSIS-耦合协调度-灰色关联度的物流综合评价
	GSUA2024-031	张如云, 黄毅敏, 李子璇	制造企业高质量发展关键要素甄别的灰色优势模型构建与突破口研究
	GSUA2024-072	刘游鹏	基于灰色双层粒子群算法的和联系统测试性指标分配模型
Parallel Session 10	GSUA2024-071	冯晨新	A Hybrid Grey System Model Based on Gaussian Process Regression and Its Application in Renewable Energy Consumption Forecasting
	GSUA2024-075	孙敏	基于新息优先累加的可变阶非线性离散灰色多变量模型及其应用
	GSUA2024-077	张召亚	The generalized grey Bass model and its applications
Online Session	GSUA2024-057	Xinyu Wang	针对港口吞吐量预测的多变量分数阶灰色模型
	GSUA2024-061	夏林	A novel time-varying non-homogeneous discrete grey model and its application in forecasting solar energy generation in Total North America