

目 次

理论分析与方法探讨

重大事故规避的危险品运输车辆路径优化研究	张萌, 王能民(1)
部分联合运输策略下的物流车辆路径优化问题研究	刘艳秋, 徐世达, 蔡超(10)
基于交通流的多模糊时间窗车辆路径优化	曹庆奎, 杨凯文, 任向阳,等(20)
线上商品与多种快递服务的组合优化研究	程健南, 杨忠振(27)
基于风险厌恶零售商的双渠道闭环供应链运作策略	郭金森, 周永务, 任鸣鸣,等(32)
考虑延伸售后保证服务的闭环供应链定价与协调	邹清明, 刘萌芽(41)
考虑多救援点的突发事件应急救援人员派遣模型	李铭洋, 曲晓宁, 李博,等(50)
基于有序梯形模糊灰色关联 TOPSIS 的多属性决策方法	宝斯琴塔娜, 齐二石(57)
搜寻成本下可替代产品的定价策略与库存决策	毕文杰, 吴湖龙(63)
基于产品可持续制造过程的多目标决策	董雅文, 任慧(71)
覆盖数不超过 3 的图上渡河问题	朱恺丽, 单而芳(79)
基于非对称半监督集成 SVM 的托攻击检测方法	吕成戌(84)
求解特征值互补问题的一类 ABS 算法	黄迪帅, 韩海山(92)
基于信息熵权 TOPSIS 法的双腔半环面型 CVT 传动性能优化	张庆功, 张均富, 刘渝(99)

应用研究

考虑占位决策的围堵嫌犯模型	周伟刚, 冯倩倩, 陈仕军(105)
不同路径下能源价格对碳价格的传导关系研究	宋亚植, 梁大鹏, 宋晓秋(109)
基于 Markov 更新过程的城市交通网络级联失效评价模型	袁鹏程, 林徐勋(116)
基于 Hilbert-Huang 变换的金融收益政策风险因子识别方法	李祥飞, 沈书立, 凯斯·布尔斯马(127)
基于随机久期利率免疫的银行资产负债优化模型	张志鹏, 迟国泰(135)
基于区间与模糊 Shapley 值的合作收益分配策略	于晓辉, 周鸿, 邹正兴,等(149)
基于复杂网络的金融风险跨市场传导机制研究 ——以金融危机时期(2007~2009年)数据为例	刘超, 郝丹辉, 唐孝文,等(155)
基于面板政策评估方法的股指期货推出效应研究	高扬, 孙便霞, 王超(162)
21 世纪海上丝绸之路沿线港口体系演化研究 ——基于 Logistics、Lotka-Volterra 模型	赵旭, 高苏红, 周巧琳,等(172)

管理科学

影响用户换手机的关键因素及其效应研究 ——基于中国移动西安分公司的样本数据	王超发, 孙静春(182)
知识获取视角下用户持续参与众包创新的动态控制策略	孟庆良, 徐信辉(190)

CONTENTS

Theory Analysis and Methodology Study

Research on Vehicle Routing for Hazardous Materials Transportation Based on Catastrophe Avoidance	ZHANG Meng, WANG Neng-min(1)
Research on Logistics Vehicle Routing Optimum Problems with Partial Combined Transport Strategy	LIU Yan-qiu , XU Shi-da, CAI Chao(10)
Vehicle Routing Problem with Multiple Fuzzy Time Windows Based on Traffic Flow	CAO Qing-kui , YANG Kai-wen, REN Xiang-yang, et al. (20)
Optimization of Combination of Online Shopping Goods and Multi-delivery Services	CHENG Jian-nan, YANG Zhong-zheng(27)
Operation Strategies of a Dual-channel Closed-loop Supply Chain with a Risk-averse Retailer	GUO Jin-sen, ZHOU Yong-wu, REN Ming-ming, et al. (32)
Price Decision-making and Coordination in a Closed-loop Supply Chain Model with Extended Warranty Service	ZOU Qing-ming, LIU Meng-ya(41)
Model for Emergency Rescuers Assignment Considering Multiple Disaster Areas	LI Ming-yang, QU Xiao-ning, LI Bo, et al. (50)
Multi-Attribute Decision Making Based on Ordered Trapezoidal Fuzzy Numbers Grey Correlation TOPSIS Method	BAO Siqintana, QI Er-shi(57)
Pricing Strategy and Inventory Decision for Alternative Products under Search Cost	BI Wen-jie, WU Hu-long(63)
A Multi-objective Decision Based on the Sustainable Manufacturing Process of Product	DONG Ya-wen, REN Hui(71)
River Crossing Problem on Graphs with Cover Number at Most Three	ZHU Kai-li, SHAN Er-fang(79)
Shilling Attack Detection Approach Based on Asymmetric Semi-supervised Ensemble SVM	LV Cheng-shu(84)
An ABS Algorithm for Eigenvalue Complementarity Problem	HUANG Di-shuai, HAN Hai-shan(92)
Transmission Performance Optimization of Dual-Cavity Half Toroidal CVT through IEW & TOPSIS	ZHANG Qing-gong, ZHANG Jun-fu, LIU Yu(99)

Application Research

Model of Suspect Encirclement Problem with Road Junction Occupying Decision	ZHOU Wei-gang, FENG Qian-qian, CHEN Shi-jun(105)
The Linkage Relationship between Energy Price and Carbon Price under Different Paths	SONG Ya-zhi, LIANG Da-peng, SONG Xiao-qiu(109)
Urban Traffic Network Cascading Failure Evaluation Model Based on Markov Renewal Process	YUAN Peng-cheng, LIN Xu-xun(116)
Identification Method of Policy Risk Factors in Financial Benefits Based on Hilbert-Huang Transform	LI Xiang-fei, SHEN Shu-li, KEES Boersma(127)
Optimization Model of Assets and Liabilities Management Based on Stochastic Duration	ZHANG Zhi-peng, CHI Guo-tai(135)
Allocation Scheme Based on Internal and Fuzzy Shapley Value	YU Xiao-hui, ZHOU Hong, ZOU Zheng-xing, et al. (149)
A Study of Cross-market Financial Risks Contagion Mechanism Based on Complex Network Theory : For Data Around Financial Crisis (2007 ~ 2009)	LIU Chao, HAO Dan-hui, TANG Xiao-wen, et al. (155)
Introduction Impact of Index Futures Based on Panel Data Evaluation Approach	GAO Yang, SUN Bian-xia, WANG Chao(162)
Study on Evolution of the Port System along "Maritime Silk Road" Based on Logistics and Lotka-Volterra Model	ZHAO Xu, GAO Su-hong, ZHOU Qiao-lin, et al. (172)

Management Science

Research into the Key Influence Factors of Users Changing Their Mobile Phones and Their Effects —Based on the Sample Data of Xi'an Branch of China Mobile Company	WANG Chao-fa, SUN Jing-chun(182)
Dynamic Control Strategy of Users' Sustained Participation in Crowdsourcing Innovation : a Knowledge Acquisition Perspective	MENG Qing-liang, XU Xin-hui(190)