



ISSN 1674-2192

CN 12-1372/E

中国·天津  
TIANJIN CHINA

# 軍事交通學院

Journal of Military Transportation University

# 学报

2013 9

第15卷 第9期 VOL.15 NO.9

## 目 次

## · 国防交通 ·

- “大部制”改革对军事综合运输体系建设的影响与对策研究 ..... 何国本,王晓安(1)  
新时期军供工作法规体系建设研究 ..... 张 娜,管 眇,张艳萍(6)

中小跨度桥梁重装备通过性快速检测评估研究 ..... 陈晓华,李海超,刘锡鑫(10)

## · 军事运输 ·

- 战略投送能力目标基本问题分析 ..... 张国全,陈兆仁,郑 旭,陈 虎(15)

兵棋推演在军交运输领域中的应用 ..... 张 旭,孙 奇,刘国清(20)

铁路输送押运方舱编配使用模式的调整优化 ..... 王东兴,李勤真,丁伟东,翟俊伟,张 福(25)

基于贝叶斯网络的汽车部(分)队运输保障能力生成机制分析 ..... 杜菲菲,刘 宁,孟 丽(28)

## · 装备保障 ·

- 车辆装备维修保障力量需求预测模型 ..... 程军伟,董宏国,谢 峰,张国彬(34)

基于虚拟现实技术的军用车辆维护仿真训练系统研究 ..... 李 轶,杨金展,许庆峰,张 伟(39)

## · 车辆工程 ·

- 多轴驱动车辆左右轮异向同步驱动零差速法制动性能检测研究 ..... 李树珉,张 阳,陈成法,安相璧,张建生(43)

变速恒频恒压轴带发电系统电源品质试验研究 ..... 朱诗顺,李 静,孙 燕,骆素君(47)

基于模糊 PID 控制的万向叉车驱动控制研究 ..... 余周辉,贾巨民,周 鑫,赖 文,胡宝明(52)

钢丝绳隔振器减振性能分析与试验验证 ..... 蒋美华,苏俊刚,陈 欣,刘咏标(57)

某型整体自装卸车装卸机构有限元分析 ..... 贾 楠,董乐乐,李红勋(61)

EQ1141 卡车行驶平顺性预测与分析 ..... 丁玉庆(65)

## · 军事物流 ·

- 航空运输军民融合物联网系统研发建设总体需求分析 ..... 海 军,罗 雷,姚金凯(68)

基于目标规划法的应急物资储备研究 ..... 王凤忠,尹永超,田朝友,王 鑫(72)

军队运用第三方物流实施车辆器材供应可行性分析 ..... 匡小平,李肖鹏,周 维,林越奇,宁德伦(76)

## · 基础科学与技术 ·

- 不同破损程度下车辆镀锌钢板腐蚀行为研究 ..... 徐安桃,张 帆,靳 福,张九建,罗 兵(80)

基于模糊评价的部队抢险救灾行动应急能力研究 ..... 张忠义,吴 勇,李红勋,徐更杰,邱 鹏(83)

复合材料路面器材承载特性数值仿真分析 ..... 周永波,杨晓蓉,申雪静,王 静,魏仕淇(87)

基于灰色振幅关联优势分析的车辆交通事故规律研究 ..... 施红星,闫 彬,李有东(91)

《军事交通学院学报》投稿须知 ..... ( 5 )

参考文献著录规则 ..... ( 33 )

## CONTENTS

### • National Traffic •

- Research on Influence and Countermeasures of Military Comprehensive Transportation System Construction Under "Large Department System" Reformation ..... *He Guoben, Wang Xiaolan* (1)  
 Research on Regulations System Construction of Military Supply Work in New Period ..... *Zhang Na, Guan Ye, Zhang Yanping* (6)  
 Rapid Detection and Evaluation Technology of Trafficability of Heavy Equipment on Small and Medium - span Bridge ..... *Chen Xiaohua, Li Haichao, Liu Xixin* (10)

### • Military Transportation •

- Analysis of Basic Problems of Strategy Projection Capacity Goals ..... *Zhang Guoquan, Chen Zhaoren, Zheng Xu, Chen Hu* (15)  
 Application of Wargame in Military Transportation ..... *Zhang Xu, Sun Qi, Liu Guoqing* (20)  
 On Conception of Shelter Railway – Escort Mode Optimizing and Adjusting ..... *Wang Dongxing, Li Qinzheng, Ding Weidong, Zhai Junwei, Zhang Fu* (25)  
 Generating Mechanism Analysis of Motor Units' Transportation Capabilities Base on Bayesian Network ..... *Du Feifei, Liu Ning, Meng Li* (28)

### • Equipment Support •

- Demand Forecast Model of Maintenance Support Power for Automobile Equipment ..... *Cheng Junwei, Dong Hongguo, Xie Feng, Zhang Guobin* (34)  
 Research on Military Vehicle Maintenance Simulation Training System Based on Virtual Reality Technology ..... *Li Ke, Yang Jinshan, Xu Qingfeng, Zhang Wei* (39)

### • Vehicle Engineering •

- Research on Brake Testing of Multi – axis Drive Vehicle Based on Method of Different Left and Right Wheels to Drive ..... *Li Shumin, Zhang Yang, Chen Chengfa, An Xiangbi, Zhang Jiansheng* (43)  
 Test Research on Power Quality of Shaft Generator System with Constant Frequency and Voltage Under Variable Speed Condition ..... *Zhu Shishun, Li Jing, Sun Yan, Luo Sujun* (47)  
 Research on Omni – direction Forklift Drive and Control Based on Fuzzy – PID Control ..... *Yu Zhouhui, Jia Jumin, Zhou Xin, Lai Wen, Hu Baoming* (52)  
 Vibration – absorbed Characteristics Analysis and Testing Verification of Wire Rope Isolators ..... *Jiang Meihua, Su Jungang, Chen Xin, Liu Yongbiao* (57)  
 Finite Element Analysis of Loading and Unloading Mechanism of Palletized Loading System ..... *Jia Nan, Dong Lele, Li Hongxun* (61)  
 Prediction and Analysis of EQ1141 Truck Driving Comfort ..... *Ding Yuqing* (65)

### • Military Logistics •

- Analysis of General Requirement of Research and Construction of Military – Civilian Integration Aviation Transportation System by IOT ..... *Hai Jun, Luo Lei, Yao Jinkai* (68)  
 Research on Emergency Supplies Reserves Based on Objective Programming ..... *Wang Fengzhong, Yin Yongchao, Tian Zhaoyou, Wang Xin* (72)  
 Feasibility Analysis of Application of Third Party Logistics in Supply of Military Vehicle Equipment ..... *Kuang Xiaoping, Li Xiaopeng, Zhou Wei, Lin Yueqi, Ning Delun* (76)

### • Basic Science and Technology •

- Corrosion Behavior of Vehicle Zinc Coating Steel Sheet with Different Breakage Degree ..... *Xu Antao, Zhang Fan, Jin Fu, Zhang Jiujian, Luo Bing* (80)  
 Research on Forces Emergency Ability Based on Fuzzy Evaluation ..... *Zhang Zhongyi, Wu Yong, Li Hongxun, Xu Gengjie, Qiu Yao* (83)  
 Numerical Simulation Analysis of Complex Fiber Reinforced Plastics Pavement Equipment's Bearing Characteristics ..... *Zhou Yongbo, Yang Xiaorong, Shen Xuejing, Wang Jing, Wei Shiqi* (87)  
 Research on Vehicular Traffic Accident's Rule Based on Gray Amplitude Incidence Advantage Analysis ..... *Shi Hongxing, Yan Bing, Li Youdong* (91)