

目 次

• 土木工程与建筑学 •

- 葵花双撑杆型索穹顶预应力及多参数敏感度分析····· 董石麟,陈伟刚,涂 源,等(0739)
- 提高拱梁固结拱桥刚度的有效方法····· 谢肖礼,覃 霞,欧阳平,等(0747)
- 基于等效龄期的钢管拱内混凝土硬化过程热应力····· 孙建渊,谢津宝(0755)
- 麦秸秆加筋土的强度特性及细观结构分析····· 郝建斌,魏兴梅,姚 婕,等(0764)
- 岬湾海岸海滩养护工程对水体交换的影响····· 匡翠萍,董智超,顾 杰,等(0769)

• 交通运输工程 •

- 机非物理隔离路段非机动车行为建模仿真····· 倪 颖,李逸昕,李旭红,等(0778)
- 风-车-桥耦合作用下大跨桥梁驾驶模拟实验方法 ····· 潘晓东,梁洁徐,陈 丰,等(0787)
- 暴雨内涝下公交乘客的出行选择行为····· 薄 坤,滕 靖,俞 洁,等(0795)
- 透光混凝土基 LED 主动发光交通标线的光纤设置····· 朱本成,郭忠印,宋灿灿(0802)
- 水泥道面传力杆裹附混凝土应力响应模拟分析····· 袁 捷,鲁 行,黄崇伟,等(0810)
- 轨道-路基体系一致动力相似设计方法与动力试验 ····· 周 颖,陈 瑾(0815)
- 路基上 CRTS II 型板式轨道纠偏作业损伤扩展规律····· 许玉德,严道斌,邱俊兴,等(0824)

• 机械、车辆与能源工程 •

- 驾驶员驾驶行为的统计学特性····· 刘 瑞,马志雄,武 彪,等(0832)
- 四轮独立转向电动汽车路径跟踪预测控制 ····· 周 苏,吴 楠,支雪磊(0842)
- 集成式电子液压制动系统的复合制动协调控制····· 余卓平,史彪飞,熊 璐,等(0851)
- 直喷汽油机恒转速增转矩工况燃烧与排放····· 胡宗杰,李明龙,刘 婷,等(0857)

• 测绘科学与技术 •

- 嫦娥三号激光三维成像系统全链路误差分析与仿真····· 栾奎峰,童小华,舒 嵘,等(0863)
- 便携式 RGB-D 传感器深度测量与建模精度研究 ····· 叶 勤,刘 行,姚亚会,等(0870)

• 经济与管理科学 •

- 基于模糊质量功能展开的跨国供应商选择 ····· 尤建新,王岑岚,Tala Mirzaei,等(0878)
- 政府补贴、生命周期和科技服务企业价值····· 周文泳,周小敏,姚俊兰(0888)



CONTENTS

• CIVIL ENGINEERING AND ARCHITECTURE •

Analysis of Multi-parameter Sensitivity and Prestressing Force Distribution of Sunfolwer-type Cable Dome with Double Struts *DONG Shilin, CHEN Weigang, TU Yuan, et al*(0739)

An Effective Method to Improve the Stiffness of Arch-beam Fixed Arch Bridges
..... *XIE Xiaoli, QIN Xia, OUYANG ping, et al*(0747)

Thermal Stress of Concrete-filled Steel Tube Arch During Hardening Process Based on Equivalent Age Method ...
..... *SUN Jianyuan, XIE Jinbao*(0755)

Strength Characteristics and Mesostructure of Wheat Straw Reinforced Soil
..... *HAO Jianbin, WEI Xingmei, YAO Jie, et al*(0764)

Influence of Beach Nourishment Project on Water Exchange in Headland-bay Coast
..... *KUANG Cuiping, DONG Zhichao, GU Jie, et al*(0769)

• TRANSPORTATION ENGINEERING •

Modeling and Simulation of the Non-motorized Traffic Flow on Physically Separated Bicycle Roadways
..... *NI Ying, LI Yixin, LI Xuhong, et al*(0778)

Experimental Method for Driving Simulation on the Long-span Bridge Under Wind-vehicle-bridge Coupling
..... *PAN Xiaodong, LIANG Jieyu, CHEN Feng, et al*(0787)

Travel Choice Behavior of Transit Passengers in the Storm Weather with Road Waterlogging
..... *BO Kun, TENG Jing, YU Jie, et al*(0795)

Fiber-Optic Parameters of Light Emitting Diode Active-Luminous Traffic Markings Based on Light-Transmitting Concrete
..... *ZHU Bencheng, GUO Zhongyin, SONG Cancan*(0802)

Simulation on the Stress Response of Concrete Around Dowels in Airport Rigid Pavement
..... *YUAN Jie, LU Hang, HUANG Chongwei, et al*(0810)

Uniform Dynamic Similitude Method and Experimental Study for the Track-Subgrade System
..... *ZHOU Ying, CHEN Jin*(0815)

Damage Propagation Laws of Subgrade CRTS II Slab Track Under Displacement Correction
..... *XU Yude, YAN Daobin, QIU Junxing, et al*(0824)

• MECHANICAL, VEHICLE AND ENERGY ENGINEERING •

Driving Behavior Statistical Characteristics of the Driver *LIU Rui, MA Zhixiong, WU Biao, et al*(0832)

Path Tracking Predictive Control of Four-wheel Independent Steering Electric Vehicle
..... *ZHOU Su, WU Nan, ZHI Xuelei*(0842)

Coordinated Control of Hybrid Braking Based on Integrated-Electro-hydraulic Brake System
..... *YU Zhuoping, SHI Biaofei, XIONG Lu, et al*(0851)

Combustion and Emissions of Direct Injection Gasoline Engine in Constant-speed and Increasing-torque Conditions
..... *HU Zongjie, LI Minglong, LIU Ting, et al*(0857)

• SURVEY AND MAPPING SCIENCE AND TECHNOLOGY •

Full Link Error Analysis and Simulation of Change-3 Laser Three-dimensional Imaging System
..... *LUAN Kuifeng, TONG Xiaohua, SHU Rong, et al*(0863)

Study on Depth Measurement and 3D Reconstruction Accuracy Based on Portable RGB-D Sensor
..... *YE Qin, LIU Hang, YAO Yahui, et al*(0870)

• ECONOMICS AND MANAGEMENT •

Multinational Supplier Selection Based on Fuzzy Quality Function Deployment
..... *YOU Jianxin, WANG Cenlan, Tala Mirzaei, et al*(0878)

Government Subsidies, Life Cycle and Firm Value of Science and Technology Service Industry
..... *ZHOU Wenyong, ZHOU Xiaomin, YAO Junlan*(0888)