

农业装备与车辆工程

Nongye Zhuangbei yu Cheliang Gongcheng

2016年9月 第54卷 第9期 总第302期

目次

探讨准静态分析方法在梯度点阵材料中的有效性	李攀登,王晓明,梅玉林 (1)
一种五零能模式材料的单胞结构参数与频散特性分析	梁坤,王晓明,梅玉林 (7)
插电式混合动力客车能量管理策略研究	辛昌然,宋金香,郭洪强,陈峥峰 (11)
电动汽车整车联调平台系统的研制	刘成强,林连华,徐海港,赵木 (16)
救护车转运担架对卧位人体舒适性仿真分析	李骏,肖亚运,吴克绍 (19)
电动助力转向系统的路感强度仿真分析	罗家亮 (23)
基于 AMESim 的气轨结构优化设计	李新宇,季雅文,张强 (28)
小型汽油发动机进排气管的设计与试验	陈国锐,陈学深,武涛,叶俊茂 (32)
电动助力转向系统补偿控制研究	朱联邦,邵文彬,蒋照华,赵林峰 (39)
某柴油机润滑系统的仿真模拟与分析	李全喜,于学兵,戚元涛 (43)
基于 ANSYS-APDL 的空心气门应力和变形分析	王景,郭仓库 (46)
基于人-车-环境的汽车主动安全技术综述	许利峰,李栋 (49)
履带车辆转向载荷比分析与试验	陈冰 (53)
一种适合河西地区的葡萄清土机的设计与试验	谢冬,张锋伟,张涛,谢军海,张雪坤,戴飞,张克艳 (56)
HFO-1234yf 在汽车空调系统中的应用分析	李英,徐建全,王学会,杨璋璋,闫继位 (59)
基于 CAE 分析的汽车牵引装置优化设计	漆杰,童元 (62)
某乘用车转向极限位置 NVH 性能提升	张雷,邵文彬,曾松来,罗朗 (66)
两种修复磨损齿轮新方法的技术概论	殷畅,蔡志海,张平 (69)
山东省植物保护机械产品质量状况分析	栾佩霞,滕芳斌,党海英 (72)
某 C 级轿车双横臂悬架硬点优化	袁苑,杨海波,刘飞 (75)
FY 型液下泵断轴的原因分析及解决措施	宋令芹,王炳波,刘长亮 (80)
高寒地区利用太阳能供暖的试验	李峰 (83)
全液压配干式桥制动系统试验问题探讨	张健,代志龙,刘利明 (86)
行业资讯	
大学生首创北斗农机自动驾驶仪	(15)
我国首台轨道车辆永磁直驱转向架装车试验成功	(38)
河南创新智能制造 农业机器人脱颖而出	(52)
栏目索引	(89)

AGRICULTURAL EQUIPMENT & VEHICLE ENGINEERING

Vol. 54 No.9 (Totally 302) September 2016

CONTENTS

- Investigation on the Validity of Quasi-Static Analysis of Gradient Lattice Material
..... *Li Pandeng, Wang Xiaoming, Mei Yulin* (1)
- Analysis of Dispersion Characteristics of a Pentamode Metamaterial and The Structural Parameters
..... *Liang Kun, Wang Xiaoming, Mei Yulin* (7)
- Strategy Research of Power Management for a Single Axis Parallel Plug-in Hybrid Bus
..... *Xin Changran, Song Jinxiang, Guo Hongqiang, Chen Zhengfeng* (11)
- The Development of Electric Vehicle Alignment Platform System
..... *Liu Chengqiang, Lin Lianhua, Xu Haigang, Zhao Mu* (16)
- Simulation and Analysis of Lying Position Comfort of Ambulance Transfer Stretcher
..... *Li Jun, Xiao Yayun, Wu Keshao* (19)
- Simulation and Analysis of Road Feeling Intensity of Electric Power Steering System *Luo Jialiang* (23)
- Structure Optimization Design of Common-rail Based on AMESim ... *Li Xinyu, Ji Yawen, Zhang Qiang* (28)
- Design and Experiment on Intake and Exhaust Pipe of Small Gasoline Engine
..... *Chen Guorui, Chen Xueshen, Wu Tao, Ye Junmao* (32)
- Research on Compensation Control of Electric Power Steering System
..... *Zhu Lianbang, Shao Wenbin, Jiang Zhaohua, Zhao Linfeng* (39)
- Simulation and Analysis of a Diesel Engine Lubrication System ... *Li Quanxi, Yu Xuebing, Qi Yuantao* (43)
- Hollow Valve Stress and Deformation Analysis Based on ANSYS-APDL *Wang Jing, Guo Cangku* (46)
- An Overview of Vehicle Active Safety Technology Based on Human-Vehicle-Environment
..... *Xu Lifeng, Li Dong* (49)
- Analysis and Experiment of Steering Power Ratio of Tracked Vehicle *Chen Bing* (53)
- Design and Testing of a Kind of Grape Vine Cleaning Soil Machine for Hexi Area
..... *Xie Dong, Zhang Fengwei, Zhang Tao, Xie Junhai, Zhang Xuekun, Dai Fei, Zhang Keyan* (56)
- Application Prospect of HFO-1234yf in the Mobile Air Conditioning System
..... *Li Ying, Xu Jianquan, Wang Xuehui, Yang Zhangzhang, Yan Jiwei* (59)
- Automobile Traction Device Design Optimization Based on CAE Analysis *Qi Jie, Tong Yuan* (62)
- The NVH Performance Improvement of One Passenger Car in the Steering Limit Position
..... *Zhang Lei, Shao Wenbin, Zeng Songlai, Luo Lang* (66)
- Technology Introduction of Two New Methods to Repair Worn Gears
..... *Yin Chang, Cai Zhihai, Zhang Ping* (69)
- Analysis on Product Quality of Plant Protection Machinery in Shandong Province
..... *Luan Peixia, Teng Fangbin, Dang Haiying* (72)
- Optimization of Double Wishbone Suspension Hard Points of A C Series Saloon Car
..... *Yuan Yuan, Yang Haibo, Liu Fei* (75)
- The Analysis and Solutions of Broken Shaft of FY Submerged Pump
..... *Song Lingqin, Wang Bingbo, Liu Changliang* (80)
- Experiment on the Use of Solar Heating in Cold Area *Li Feng* (83)
- Discussion of The Test of Full Hydraulic and Dry Axle Brake System
..... *Zhang Jian, Dai Zhilong, Liu Liming* (86)