原书缺封面

航空工程进展

HANGKONG GONGCHENG JINZHAN

第5卷第2期(总第18期) (季刊) 2014 年 5 月

目 次

综	述
	飞机油箱水锤效应研究方法及影响因素 李咪咪,王永超,杨殿国,陈耀欢(135)
	无人机自主防撞关键技术与应用分析 刘慧颖,白存儒,杨广珺(141)
论	文
	悬停状态旋翼间干扰对四旋翼升力影响分析 刘雪松,昂海松,肖天航(148)
	带伞空降风洞试验中稳定伞的模拟研究 惠增宏,侯金玉,熊超,张彬乾(154)
	MSD 结构的耐久性/损伤容限综合分析方法 杜永恩,王生楠(159)
	涡扇发动机故障诊断硬件在回路实时仿真平台 郭迎清,冯健朋,张书刚(165)
	桨尖喷气驱动系统的实验与数值模拟研究 陈白冰,詹浩,米百刚(171)
	基于综合设计的涡轴发动机热力循环方案研究 樊巍,陈玉春,杨龙龙,李维,张鑫(175)
	基于 SWT 模型的概率寿命分析体方法 陆山,夏佳峰(182)
	用于气动导数辨识的试飞数据处理方法研究 刘超,刘庆,田福礼(187)
	带升力风扇飞翼布局无人机过渡飞行气动特性研究 张炜,张引妮,蒋汉杰,李慧(193)
	主一主式舵驱动系统力纷争缓解仿真 马建平,张莹,金磊,张婷,张亚平(201)
	智能扫描仪 I-Scan 校准方法研究 ······ 丁建萍,张俊(206)
简	报
	两种典型非结构网格变形方法特性对比研究 高传强,张伟伟,蒋跃文,叶正寅(212)
	人员离机轨迹数值模拟及快速预测研究 刘晓宇,桑为民,鲁天,郗超(220)
	水平安定面外伸段壁板结构设计 蔡婧(227)
	基于损伤力学预估点蚀疲劳寿命有限元法
	基于粘弹性杆的摇臂式起落架着陆响应分析 梁振武,孙秦,董文俊(239)
	典型起落架的通用载荷谱分析及传载计算 贾锦,柳刚,周威(245)
	基于非线性优化控制理论的民用飞机失速恢复控制 王爽,詹浩,孔祥骏(251)
	飞机五性一体化协同工作平台框架设计 严拴航,梁力,薛海红(257)
	气垫悬浮技术的应用研究 金加奇,史怀玺,刘一桥(263)

期刊基本参数: CN 61-1479/V * 2010 * Q * A4 * 134 * zh * P * ¥25.00 * 1000 * 22 * 2014-05

ADVANCES IN AERONAUTICAL SCIENCE AND ENGINEERING

CONTENTS

Review
Research Methods and Factors of Hydrodynamic Ram Effect for Aircraft Fuel Tank
Li Mimi, Wang Yongchao, Yang Dianguo, Chen Yaohuan (135)
Application and Analysis and Discussion of Autonomous Collision Avoidance Techniques for Unmanned Aerial Vehicle
Paper
Analysis of Rotor Interference Effects on Quad-rotor Lift in Hover Liu Xuesong, Ang Haisong, Xiao Tianhang (148) Simulation Study of Stable Parachute in Wind Tunnel Tests with Airborne Parachutes
Comprehensive Analysis Method on Structural Durability and Damage Tolerance for Multiple Site Damage-susceptible Structures
Hardware-in-the-loop Real-time Simulation Platform of Civil Turbofan Engine Fault Diagnosis
Guo Yingqing, Feng Jianpeng, Zhang Shugang (165)
Research on Experiment and Numerical Simulation for the Tip-jet Driven System Chen Baibing, Zhan Hao, Mi Baigang (171)
Study on Cycle Design Projects of Turbo-shaft Engine Based on Integration Design Method
Fan Wei, Chen Yuchun, Yang Longlong, Li Wei, Zhang Xin (175)
Volume Method Based on the SWT Model for the Analysis of the Probability Life Lu Shan, Xia Jiafeng (182)
Research on Flight Test Data Processing Method Applied to the Identification of Aerodynamic Derivatives
Liu Chao, Liu Qing, Tian Fuli (187)
Study on Aerodynamics Performance of Lift-fan UAV in Flying Wing Configuration in Transition Flight
Action-action Surface Actuation System Force Fight Mitigation Method Simulation
Research on Intelligent Scanner I-Scan Calibration Method Ding Jianping, Zhang Jun (206)
Technical Note
A Comparative Study on Two Typical Unstructured Grid Deformation Methods
Gao Chuanqiang, Zhang Weiwei, Jiang Yuewen, Ye Zhengyin (212)
Numerical Simulation and Quick Prediction of Men's Separation Trajectory
Liu Xiaoyu, Sang Weimin, Lu Tian, Xi Chao (220)
Integrated Structural Design of Horizontal Stabilizer Panel
A Finite Element Method for Prediction of Pitting-corrosion Fatigue Life Based on Damage Mechanics
Gou Yilong, Yin Zhiping, Huang Qiqing (233)
Analysis of Landing Response of Articulated Landing Gear Based on Viscoelastic Rod
Liang Zhenwu, Sun Qin, Dong Wenjun (239)
General Load Spectrum Analysis and Loads Transfer Calculation of the Typical Undercarriage Structure
Jia Jin, Liu Gang, Zhou Wei (245)
Aircraft Stall Recovery of Civil Aircraft Based on the Nonlinear Optimal Control Theory
Research on Aircraft Five Qualities Integration Design Environment
Application Research of Air Cushion Suspension Technology
Application Research of Air Cusmon Suspension Technology

原书缺封底