

目次

低空智能网联体系 张学军, 刘法旺, 张祖耀, 田野 (1793)

飞机可动翼面缝隙封严结构研究进展 程小全, 蔡墨泉, 王松伟 (1816)

基于功率损失特性分析的特种车辆传动性能研究进展
..... 高钦和, 高蕾, 刘志浩, 王冬, 马栋, 章一博 (1824)

基于迭代最优阻抗的人机物理交互控制方法
..... 刘微容, 魏子丰, 晋振兵, 孟家豪, 王星琨, 张浩琛 (1843)

边缘引导的双分支网络 SAR 图像相干斑抑制方法
..... 朱磊, 姚同钰, 车晨洁, 姚丽娜, 张博, 潘杨 (1852)

融合聚类特征的改进 MRF 轨面缺陷分割方法 闵永智, 刘洋 (1863)

基于飞联网运行的航空器多速度差跟驰模型 王莉莉, 赵云飞, 郭微萌 (1873)

基于双重随机扰动的人工大猩猩部队优化算法及工程应用
..... 杜晓昕, 郝田茹, 王波, 王振飞, 张剑飞, 金梅 (1882)

基于高增益扰动观测器的磁悬浮球系统滑模控制 林俊亭, 陈信州 (1897)

基于 QAR 数据与关联规则的着陆阶段超限风险评估 汪磊, 张楠, 高杉 (1907)

基于内聚力模型的透波罩黏接强度性能研究 侯保江, 王姣, 邢誉峰, 张飞, 李焱喜 (1916)

考虑多车型协同的机坪保障车辆双阶段调度 姜雨, 张诗森, 陈名扬, 张文静, 吴薇薇 (1926)

基于部件特性图优化的民航发动机性能退化建模 郭庆, 黄启廉, 陈金亮 (1935)

基于几何蒸馏和特征自适应的磁共振成像重建 朵琳, 任勇, 许渤雨, 杨新 (1946)

基于多注意力与双模板更新的视觉跟踪算法 马素刚, 孙思维, 侯志强, 余旺盛, 蒲磊 (1955)

EHL 下考虑冲击力的局部缺陷角接触球轴承动力学建模
..... 雷春丽, 薛伟, 樊高峰, 宋瑞哲, 刘凯 (1965)

基于 K 互近邻与核密度估计的 DPC 算法 周玉, 夏浩, 刘虹瑜, 白磊 (1978)

冰晶颗粒在低压压气机中的融化特性 贾惟, 张峰, 杨博文, 郑森 (1991)

飞行器大气数据系统构型与解算演变机理 熊亮, 张睿, 许斌, 黄巧平 (2004)

星载准绝对式光电编码器抗污方法 韩庆阳, 沈宏海, 马天翔, 梁超, 王志冲 (2014)

基于深度图卷积网络的自监督群体发现模型 王栽胜, 汪晓锋, 沈国栋, 张增杰, 全大英 (2022)

基于滑模控制律的机翼极限环主动抑制 王诗其, 张征, 宋晨, 杨超, 郑焱午 (2033)

热隔膜成形中隔膜材料性能测试及本构模型选择 赵月青, 林德志, 陈汇, 汤家力, 陈萍 (2041)

基于自适应积分电容的高动态像素结构 刘绥阳, 郭仲杰, 余宁梅, 许睿明 (2051)

针对高机动目标的深度强化学习智能拦截制导 张豪, 朱建文, 李小平, 包为民 (2060)

VSV 调节机构运动精度可靠度计算及误差分析 杨奕凤, 王艺, 刘傲宇, 李佳, 谢里阳 (2070)

多元件相关的列车牵引系统可靠性评估与寿命预测 田贵双, 王少萍, 石健 (2081)

中心分级环形燃烧室液雾点熄火边界试验 王智辉, 张弛, 甘志超, 高安雯, 韩啸, 陶雯婕 (2091)

人-车-智共享道路空间行人安全行为建模方法	
..... 仵若珩, 杨德真, 任羿, 贾露露, 李晓宾, 王自力 (2099)	
星载 GNSS 反射信号台风检测及风眼位置估计	甄佳欢, 朱云龙, 杨东凯, 张国栋, 王峰 (2106)
μ HT-1 推力器工作参数宽范围调节下束流特性实验研究	
..... 黄丹, 龙建飞, 成烨, 王嘉彬, 徐禄祥, 杨威 (2119)	
等离子体激励对火星条件下翼型气动特性影响	杨香港, 高永新, 汪忠明, 李益文, 姚程 (2129)
双参数退化型新研产品质保期设计与优化	高帅, 李艳宏, 孙富强 (2137)
曲线梁肋机翼结构气动弹性优化设计	周泉知, 杨佑绪, 孙录斌, 张兴翠, 吴逸飞, 霍梦文 (2148)
基于改进卡尔曼滤波的星内校时守时方法	黄跃, 王慧泉, 涂实磊, 金仲和 (2157)
基于强化学习的舰载机着舰直接升力控制技术	柳仁地, 江驹, 张哲, 刘翔 (2165)
基于 ISCA-DBN 的飞机地面空调能耗预测	刘涵, 林家泉 (2176)

CONTENTS

Overview of low-altitude intelligent networked system	
.....	ZHANG Xuejun, LIU Fawang, ZHANG Zuyao, TIAN Ye (1793)
Study progress of gap sealing structure for aircraft movable wing	
.....	CHENG Xiaoquan, CAI Moquan, WANG Songwei (1816)
Research progress on transmission performance of special vehicle based on power loss characteristics analysis	
.....	GAO Qinhe, GAO Lei, LIU Zhihao, WANG Dong, MA Dong, ZHANG Yibo (1824)
Human-robot physical interaction control method based on iterative optimal impedance	
.....	LIU Weirong, WEI Zifeng, JIN Zhenbing, MENG Jiahao, WANG Xingkun, ZHANG Haochen (1843)
SAR image coherence speckle suppression method based on edge-guided dual-branch network	
.....	ZHU Lei, YAO Tongyu, CHE Chenjie, YAO Lina, ZHANG Bo, PAN Yang (1852)
Improved MRF rail surface defect segmentation method based on fusion of clustering features	
.....	MIN Yongzhi, LIU Yang (1863)
Aircraft multi-velocity difference car-following model based on flight networking operation	
.....	WANG Lili, ZHAO Yunfei, GUO Weimeng (1873)
Artificial gorilla troops optimizer based on double random disturbance and its application of engineering problem	
.....	DU Xiaoxin, HAO Tianru, WANG Bo, WANG Zhenfei, ZHANG Jianfei, JIN Mei (1882)
Sliding mode control of magnetic levitation ball systems based on a high-gain disturbance observer	
.....	LIN Junting, CHEN Xinzhou (1897)
Risk assessment of landing phase exceedance based on QAR data and association rule	
.....	WANG Lei, ZHANG Nan, GAO Shan (1907)
Performance study on bonding strength of radome based on cohesive zone model	
.....	HOU Baojiang, WANG Jiao, XING Yufeng, ZHANG Fei, LI Yanxi (1916)
Dual-phase scheduling of apron support vehicles considering multi-vehicle coordination	
.....	JIANG Yu, ZHANG Shimiao, CHEN Mingyang, ZHANG Wenjing, WU Weiwei (1926)
Performance degradation modelling of civil aviation engines based on component characteristic map optimization	
.....	GUO Qing, HUANG Qilian, CHEN Jinliang (1935)
MRI reconstruction based on geometry distillation and feature adaptation	
.....	DUO Lin, REN Yong, XU Boyu, YANG Xin (1946)
Visual tracking algorithm based on multi-attention and dual-template update	
.....	MA Sugang, SUN Siwei, HOU Zhiqiang, YU Wangsheng, PU Lei (1955)
Dynamic modelling of angular contact ball bearings with local defects under EHL considering impact force	
.....	LEI Chunli, XUE Wei, FAN Gaofeng, SONG Ruizhe, LIU Kai (1965)
DPC algorithm based on K-reciprocal neighbors and kernel density estimation	
.....	ZHOU Yu, XIA Hao, LIU Hongyu, BAI Lei (1978)
Ice crystal particles melting characteristics in a low-pressure compressor	
.....	JIA Wei, ZHANG Feng, YANG Bowen, ZHENG Miao (1991)
Configuration and calculation evolution mechanism of air data system for aircraft	
.....	XIONG Liang, ZHANG Rui, XU Bin, HUANG Qiaoping (2004)
Anti-stain method of satellite-borne absolute-to-be optical encoder	
.....	HAN Qingyang, SHEN Honghai, MA Tianxiang, LIANG Chao, WANG Zhichong (2014)
Self-supervised learning for community detection based on deep graph convolutional networks	
.....	WANG Zaisheng, WANG Xiaofeng, SHEN Guodong, ZHANG Zengjie, QUAN Daying (2022)
Limit cycle oscillation suppression of an airfoil based on sliding mode control law	
.....	WANG Shiqi, ZHANG Zheng, SONG Chen, YANG Chao, ZHENG Yanwu (2033)
Performance test and constitutive model selection of diaphragm materials in hot diaphragm forming	
.....	ZHAO Yueqing, LIN Dezhi, CHEN Hui, TANG Jiali, CHEN Ping (2041)
Structure of highly dynamic pixel based on adaptive integral capacitance	
.....	LIU Suiyang, GUO Zhongjie, YU Ningmei, XU Ruiming (2051)
Deep reinforcement learning intelligent guidance for intercepting high maneuvering targets	
.....	ZHANG Hao, ZHU Jianwen, LI Xiaoping, BAO Weimin (2060)
Calculation and error analysis of kinematic accuracy reliability of VSV adjustment mechanism	
.....	YANG Yifeng, WANG Yi, LIU Aoyu, LI Jia, XIE Liyang (2070)

Reliability assessment and lifetime prediction for train traction system considering multiple dependent components	TIAN Guishuang, WANG Shaoping, SHI Jian	(2081)
Spray ignition and blow-out boundary of centrally staged annular combustor	WANG Zhihui, ZHANG Chi, GAN Zhichao, GAO Anwen, HAN Xiao, TAO Wenjie	(2091)
Modelling method for pedestrian safety behavior in shared road spaces of pedestrian-traditional vehicle-autonomous vehicle	WU Ruoyu, YANG Dezhen, REN Yi, JIA Lulu, LI Xiaobin, WANG Zili	(2099)
Detection of typhoons and estimation of eye position using satellite-based GNSS-reflectometry	ZHEN Jiahuan, ZHU Yunlong, YANG Dongkai, ZHANG Guodong, WANG Feng	(2106)
Experimental study on beam characteristics of μ HT-1 thruster under wide range adjustment of operating parameters	HUANG Dan, LONG Jianfei, CHENG Ye, WANG Jiabin, XU Luxiang, YANG Wei	(2119)
Effect of plasma excitation on aerodynamic characteristics of airfoil in Martian atmosphere	YANG Xianggang, GAO Yongxin, WANG Zhongming, LI Yiwen, YAO Cheng	(2129)
Design and optimization of warranty period of new products with two-parameter degradation	GAO Shuai, LI Yanhong, SUN Fuqiang	(2137)
Aeroelastic optimization design of SpaRibs wing structure	ZHOU Quanzhi, YANG Youxu, SUN Lubin, ZHANG Xingcui, WU Yifei, HUO Mengwen	(2148)
On-board timekeeping method based on improved Kalman filter	HUANG Yue, WANG Huiquan, TU Shilei, JIN Zhonghe	(2157)
Direct lift control technology of carrier aircraft landing based on reinforcement learning	LIU Rendu, JIANG Ju, ZHANG Zhe, LIU Xiang	(2165)
Energy consumption prediction of aircraft ground air conditioning based on ISCA-DBN	LIU Han, LIN Jiaquan	(2176)