



目 次

基于复杂网络的空中交通复杂性识别方法 ..... 吴明功, 叶泽龙, 温祥西, 蒋旭瑞 (839)

CFRP/钛合金叠层构件陀螺铣孔方法 ..... 高延峰, 方向恩, 熊俊, 肖建华 (851)

基于最小二乘拟合法的分布式 POS 全局估计方法 ..... 叶文, 刘艳红, 王博, 蔡晨光, 李建利 (862)

带前缘小翼的扇翼翼型气动特性数值模拟分析 ..... 杜思亮, 冯衬, 唐正飞 (870)

DRO 计算及其在地月系中的摄动力研究 ..... 吴小婧, 曾凌川, 巩应奎 (883)

基于 M-K 模型的 TA15 钛合金高温成形极限 ..... 毕静, 马博林, 张艳苓, 张志, 吴向东 (893)

非线性多目标概率约束规划免疫优化算法 ..... 张仁崇, 张著洪 (900)

基于背景和变化稀疏性的瞬变源图像重建算法 ..... 杨宜, 邓丽, 段然, 杨震 (915)

基于散射光强度的碳黑团聚体分形结构和粒径分布同时反演 .....  
..... 张俊友, 齐宏, 王一飞, 任亚涛, 阮立明 (925)

丙烯环路热管补偿器的可视化实验研究 ..... 刘成, 谢荣建, 王仕越, 吴亦农 (933)

基于 CFD/CSD 松耦合的直升机配平分析方法 ..... 余瑾, 王松, 刘勇, 杨卫东 (941)

基于光场成像技术的散射性火焰温度场重建 ..... 黄兴, 齐宏, 牛志田, 任亚涛, 阮立明 (952)

二阶多智能体系统自抗扰编队跟踪与避撞控制 ..... 姚辉, 席建祥, 王成, 胡来红 (960)

一种基于图论的机场空域无人机流量控制方法 ..... 崔恺, 曾国奇, 林伟, 全权 (978)

单频 RTK 动态精度检测法及实验验证 ..... 孙艺轩, 蔚保国, 杨东凯, 杜毅, 汉牟田 (988)

基于深度学习的大型陨石坑识别方法研究 ..... 郑磊, 胡维多, 刘畅 (994)

基于扩张状态观测器的运输机多故障容错控制 ..... 董文瀚, 童颖裔, 朱鹏, 郭佳 (1005)

昼夜温度变化对燃油箱空余空间氧浓度的影响 ..... 张瑞华, 刘卫华, 彭孝天, 冯诗愚 (1018)

一种飞机大尺寸曲面测量点差异性规划方法 ..... 毛喆, 李浣杲, 徐岩, 曾琪, 主遼 (1024)

燃油箱耗氧惰化与中空膜惰化的数值模拟及比较 .....  
..... 王苏明, 冯诗愚, 李宗祺, 彭孝天, 刘卫华 (1032)

基于深度学习的图像拼接篡改检测 ..... 边亮, 罗霄阳, 李硕 (1039)

期刊基本参数: CN 11-2625/V \* 1956 \* m \* A4 \* 206 \* zh \* P \* ¥ 50.00 \* 900 \* 21 \* 2020-05

CONTENTS

Air traffic complexity recognition method based on complex networks  
..... WU Minggong, YE Zelong, WEN Xiangxi, JIANG Xurui (839)

Tilted orbital milling method for hole-making of CFRP/titanium alloy laminated structures  
..... GAO Yanfeng, FANG Xiang'en, XIONG Jun, XIAO Jianhua (851)

Global estimation method based on least square fitting for distributed POS  
..... YE Wen, LIU Yanhong, WANG Bo, CAI Chenguang, LI Jianli (862)

Numerical simulation and analysis of aerodynamic characteristics of fan-wing airfoil with leading edge winglet  
..... DU Siliang, FENG Chen, TANG Zhengfei (870)

DRO computation and its perturbative force in the Earth-Moon system  
..... WU Xiaojing, ZENG Lingchuan, GONG Yingkui (883)

Hot forming limit of TA15 titanium alloy based on M-K model  
..... BI Jing, MA Bolin, ZHANG Yanling, ZHANG Zhi, WU Xiangdong (893)

Immune optimization algorithm for nonlinear multi-objective probabilistic constrained programming  
..... ZHANG Renchong, ZHANG Zhuhong (900)

A image reconstruction algorithm of transient sources based on combined sparsities of background and variation  
..... YANG Yi, DENG Li, DUAN Ran, YANG Zhen (915)

Simultaneous inversion of fractal morphology and particle size distribution of soot aggregate based on light scattering intensity  
..... ZHANG Junyou, QI Hong, WANG Yifei, REN Yatao, RUAN Liming (925)

Visualization experimental study of compensation chamber of a propylene loop heat pipe  
..... LIU Cheng, XIE Rongjian, WANG Shiyue, WU Yinong (933)

Trim analysis method of helicopter based on CFD/CSD loose coupling  
..... YU Jin, WANG Song, LIU Yong, YANG Weidong (941)

Temperature field reconstruction of scattering flame based on light-field imaging  
..... HUANG Xing, QI Hong, NIU Zhitian, REN Yatao, RUAN Liming (952)

Active disturbance rejection based formation tracking and collision avoidance control for second-order multi-agent system  
..... YAO Hui, XI Jianxiang, WANG Cheng, HU Laihong (960)

Flow control method for UAV airport airspace based on graph theory  
..... CUI Kai, ZENG Guoqi, LIN Wei, QUAN Quan (978)

Method and experimental verification of dynamic accuracy detection of single-frequency RTK  
..... SUN Yixuan, YU Baoguo, YANG Dongkai, DU Yi, HAN Mutian (988)

Large crater identification method based on deep learning  
..... ZHENG Lei, HU Weiduo, LIU Chang (994)

Multiple-fault fault-tolerant control of transport aircraft based on extended state observer  
..... DONG Wenhan, TONG Yingyi, ZHU Peng, GUO Jia (1005)

Influence of diurnal temperature changes on oxygen concentration in free space of fuel tank  
..... ZHANG Ruihua, LIU Weihua, PENG Xiaotian, FENG Shiyu (1018)

A difference measurement points planning method for large-scale surface of aircraft  
..... MAO Zhe, LI Shuanggao, XU Yan, ZENG Qi, ZHU Kui (1024)

Numerical simulation and comparison of oxygen consumption inerting and hollow membrane inerting in fuel tank  
..... WANG Suming, FENG Shiyu, LI Zongqi, PENG Xiaotian, LIU Weihua (1032)

Image mosaic tampering detection based on deep learning  
..... BIAN Liang, LUO Xiaoyang, LI Shuo (1039)