



ISSN 1001-5965
CODEN BHHDE8

北京航空航天大学 学报

JOURNAL OF BEIJING UNIVERSITY OF
AERONAUTICS AND ASTRONAUTICS



2019-10

Vol.45 No.10

目 次

吸气式高超声速飞行器热气动弹性研究进展 杨超, 赵黄达, 吴志刚 (1911)

民机客舱中太阳辐射对热舒适性的影响 庞丽萍, 李恒, 王天博, 范俊, 邹凌宇 (1924)

基于 SLM 的模拟月壤原位成形技术 李雯, 徐可宁, 黄勇, 胡文颖, 王道宽, 姚思齐 (1931)

面向战斗机云作战的构造型仿真平台架构 田永亮, 王永庆, 熊培森, 郭宇, 武哲 (1938)

调频引信粗糙面目标与干扰信号识别 郝新红, 杜涵宇, 陈齐乐 (1946)

一种电磁定位系统工作空间拓展方法 郑莉芳, 万元宇, 关少亚, 孙凯, 孟偲, 贾佳 (1956)

基于编解码双路卷积神经网络的视觉自定位方法
..... 贾瑞明, 刘圣杰, 李锦涛, 王赞豪, 潘海侠 (1965)

基于原始对偶内点法的 EST 图像重建 薛倩, 刘婧, 马敏, 王化祥 (1973)

基于自适应遗传算法的 MEMS 加速度计快速标定方法 高爽, 张若愚 (1982)

含函数型自变量回归模型中的变量选择 刘科生, 王思洋 (1990)

液体火箭发动机故障诊断器设计及其 HIL 验证 赵万里, 郭迎清, 杨菁, 薛薇, 武小平 (1995)

基于 Gram-Schmidt 变换的有监督变量聚类 刘瑞平, 王惠文, 王珊珊 (2003)

PMMWI 与 VI 优势互补的人体隐蔽违禁物检测与定位 赵国, 秦世引 (2011)

非结构重叠网格显式装配算法 宣传伟, 韩景龙 (2026)

阵列射流冲击复合不同肋化表面的沸腾特性 张添, 张畅, 谢荣建, 董德平 (2035)

一种基于 HXDSP 的移位器查找表技术 叶鸿, 顾乃杰, 林传文, 张孝慈, 陈瑞 (2044)

基于地面基站的定位系统构建和方案 耿珂, 黄智刚, 苏雨, 石培辰, 高强, 熊华钢 (2051)

边条/鸭翼对前掠翼和后掠翼气动特性的影响 张冬, 陈勇, 胡孟权, 付向恒 (2058)

超低信噪比调频连续波引信信号小周期态 Duffing 振子检测
..... 朱志强, 侯健, 闫晓鹏, 栗革, 郝新红 (2069)

一种区域参考大气密度的建模与应用方法 刘一博, 沈作军, 张向宇 (2079)

基于异步卷积分解与分流结构的单阶段检测器 赵蓬辉, 孟春宁, 常胜江 (2089)

自研激光雷达三维点云配准技术 呼延嘉玥, 徐立军, 李小路 (2099)

基于飞行数据的无人机平飞动作质量评价模型 滕怀亮, 李本威, 高永, 杨栋, 张赞 (2108)

基于非等维状态的 IMM 混合估计方法 欧能杰, 汪圣利, 张直 (2115)

期刊基本参数: CN 11-2625/V * 1956 * m * A4 * 212 * zh * P * ¥ 50.00 * 900 * 24 * 2019-10

(编辑 张 嵘 李 晶 张欣蔚 孙 芳 王艳梅 贺 伟)

JOURNAL OF BEIJING UNIVERSITY OF AERONAUTICS AND ASTRONAUTICS

Vol. 45 No. 10 (Sum 320) October 2019

CONTENTS

- Research progress of aerothermoelasticity of air-breathing hypersonic vehicles
..... YANG Chao, ZHAO Huangda, WU Zhigang (1911)
- Effect of solar radiation on thermal comfort in civil aircraft cabin
..... PANG Liping, LI Heng, WANG Tianbo, FAN Jun, ZOU Lingyu (1924)
- In-situ forming of lunar regolith simulant via selective laser melting
..... LI Wen, XU Kening, HUANG Yong, HU Wenyong, WANG Daokuan, YAO Siqu (1931)
- Structured simulation platform architecture for fighter cloud operations
..... TIAN Yongliang, WANG Yongqing, XIONG Peisen, GUO Yu, WU Zhe (1938)
- Rough surface target and jamming signal recognition of FM fuze
..... HAO Xinhong, DU Hanyu, CHEN Qile (1946)
- A method for expanding workspace of electromagnetic tracking system
..... ZHENG Lifang, WAN Yuanyu, GUAN Shaoya, SUN Kai, MENG Cai, JIA Jia (1956)
- A visual localization method based on encoder-decoder dual-stream CNN
..... JIA Ruiming, LIU Shengjie, LI Jintao, WANG Yunhao, PAN Haixia (1965)
- EST image reconstruction based on primal dual interior point algorithm
..... XUE Qian, LIU Jing, MA Min, WANG Huaxiang (1973)
- Rapid calibration method of MEMS accelerometer based on adaptive GA
..... GAO Shuang, ZHANG Ruoyu (1982)
- Variable selection in regression models including functional data predictors
..... LIU Kesheng, WANG Siyang (1990)
- Design of liquid rocket engine fault diagnosis device and its HIL verification
..... ZHAO Wanli, GUO Yingqing, YANG Jing, XUE Wei, WU Xiaoping (1995)
- Supervised clustering of variables based on Gram-Schmidt transformation
..... LIU Ruiping, WANG Huiwen, WANG Shanshan (2003)
- Detection and localization of concealed forbidden objects on human body based on complementary advantages of PMMWI and VI
..... ZHAO Guo, QIN Shiyin (2011)
- Explicit assembly algorithm of unstructured overset grid
..... XUAN Chuanwei, HAN Jinglong (2026)
- Boiling characteristics of array jet impingement with various pin-finned surfaces
..... ZHANG Tian, ZHANG Chang, XIE Rongjian, DONG Deping (2035)
- A shifter look-up table technique based on HXDSP
..... YE Hong, GU Naijie, LIN Chuanwen, ZHANG Xiaoci, CHEN Rui (2044)
- Positioning system construction and scheme based on ground base station
..... GENG Ke, HUANG Zhigang, SU Yu, SHI Peichen, GAO Qiang, XIONG Huagang (2051)
- Effect of strake and canard on aerodynamic characteristics of forward-swept wing and back-swept wing
..... ZHANG Dong, CHEN Yong, HU Mengquan, FU Xiangheng (2058)
- Small-scale periodic state Duffing oscillator FMCW fuze signal detection at ultra-low SNR
..... ZHU Zhiqiang, HOU Jian, YAN Xiaoping, LI Ping, HAO Xinhong (2069)
- A method for range reference atmospheric density modeling and application
..... LIU Yibo, SHEN Zuojun, ZHANG Xiangyu (2079)
- Single shot multibox detector based on asynchronous convolution factorization and shunt structure
..... ZHAO Penghui, MENG Chunming, CHANG Shengjiang (2089)
- Three-dimensional point cloud registration technique for self-designed LiDAR
..... HUYAN Jiayue, XU Lijun, LI Xiaolu (2099)
- Quality evaluation model of unmanned aerial vehicle's horizontal flight maneuver based on flight data
..... TENG Huailiang, LI Benwei, GAO Yong, YANG Dong, ZHANG Yun (2108)
- IMM mixing estimation method based on unequal dimension states
..... OU Nengjie, WANG Shengli, ZHANG Zhi (2115)