

目 次

综述

中国测绘卫星发展策略研究 王昱 肖云 (1)

进入、减速、着陆与上升技术

深空探测中着陆雷达技术发展与应用研究
..... 陈建武 史永敏 祝浩 郭绍刚 邓楼楼 赵春晖 王立 (10)

航天器翼伞精确回收技术发展及展望 王立武 许望晶 刘涛 滕海山 吴卓 刘靖雷 (21)

基于高兼容和可重复使用的回收舱设计 赵二鑫 董彦芝 赵会光 卢齐跃 (31)

小行星着陆附着系统弹射机构设计 韩言勋 杨昭 (40)

射伞火箭开伞过程动力学仿真与分析 刘涛 许望晶 滕海山 张章 (45)

大型动力翼伞飞行器发展研究 许望晶 王立武 滕海山 刘涛 (55)

遥感技术

空间光学相机焦面拼接基座高温稳定性控制 郭楠 于波 夏晨晖 于志 常君磊 (64)

气体轴承斯特林制冷机双级被动减振系统研究 周吉 韩彦伟 张子建 王波 张银 刘志敏 (74)

高精度二维指向光电跟踪平台设计 杨鹏 李晓 赵鑫 于飞 连华东 (83)

基于相位相关方法的像移估计精度研究 张晗 谢妮慧 于飞 杨进 (92)

光学系统焦距高精度测试方法 冯晓宇 杜建祥 侯闹 董科 李文广 岳聪 张建国 (101)

空间光学遥感器多维关联分析指标推荐方法 尚志鸣 文高进 李辰 王洪民 (111)

数据处理与应用技术

基于“珠海一号”高光谱卫星的洱海水体提取方法研究 尹慧新 樊彦国 (118)

Spacecraft Recovery & Remote Sensing

Vol. 41 No. 4 (Cumulative 184) Aug. 2020

Contents

Review

- Development Strategy Research of Surveying and Mapping Satellites in China
..... WANG Yu XIAO Yun (1)

The Entry, Decent, Landing and Ascent Technology

- Research on the Development and Application of Landing Radar in Deep Space Explorations
..... CHEN Jianwu SHI Yongmin ZHU Hao GUO Shaogang DENG Loulou ZHAO Chunhui WANG Li (10)
- Development and Prospect of Parafoil Precise Recovery Technology for Spacecraft
..... WANG Liwu XU Wangjing LIU Tao TENG Haishan WU Zhuo LIU Jinglei (21)
- Design of the Reclaim Capsule Based on High Compatibility and Reusable
..... ZHAO Erxin DONG Yanzhi ZHAO Huiguang LU Qiyue (31)
- Ejection Mechanism Design of Asteroid Landing Attachment System
..... HAN Yanxun YANG Zhao (40)
- Dynamic Simulation and Analysis of Parachute Deployment Using a Propelling Rocket
..... LIU Tao XU Wangjing TENG Haishan ZHANG Zhang (45)
- Research on Development of Large Powered Parafoil Aircraft
..... XU Wangjing WANG Liwu TENG Haishan LIU Tao (55)

Remote Sensing Technology

- Temperature Control with High Stability for the Assembly Base of Space Optical Cameras
..... GUO Nan YU Bo XIA Chenhui YU Zhi CHANG Junlei (64)
- Research on Two-stage Passive Vibration Reduction of Gas Bearing Stirling Cryocoolers
..... ZHOU Ji HAN Yanwei ZHANG Zijian WANG Bo ZHANG Yin LIU Zhimin (74)
- Design of a High Precision Two-dimension Pointing Electro-optical Tracking Platform
..... YANG Peng LI Xiao ZHAO Xin YU Fei LIAN Huadong (83)
- Study on the Image Motion Estimate Precision Based on the Phase Correlation Method
..... ZHANG Han XIE Nihui YU Fei YANG Jin (92)
- A Focal Length Testing Method with High Accuracy for the Optical System
..... FENG Xiaoyu DU Jianxiang HOU Nao DONG Ke LI Wenguang YUE Cong ZHANG Jianguo (101)
- A Parameter Recommendation Method of Space Optical Remote Sensors Based on Association Analysis
..... SHANG Zhiming WEN Gaojin LI Chen WANG Hongmin (111)

Remote Sensing Information and Application Technology

- Research on the Extraction Method of Water in Erhai Lake Based on OHS-2A
..... YIN Huixin FAN Yanguo (118)