

## TABLE OF CONTENTS

### 目 录

<b>PDCA 循环模型在运载火箭铆接装配事业部精细化管理体系与监控模式的深化应用实践</b> <b>The Deepening Application Practice of PDCA Cycle Model in Refined Management System and Monitoring Mode of Riveting Assembly Division of Carrier Rocket</b>	
朱建文, 张小亮, 隗功正, 吴冬, 王硕, 戚泽海, 王洋.....	31
<b>运载器排焰口的自动铣切工艺研究</b> <b>Research on the Automatic Milling Technology of Rocket Flame Outlet</b>	
张秀艳, 王树华, 李哲, 于炳涛, 杨华飞, 景迪, 王洋.....	39
<b>降落伞附加质量对开伞载荷的影响研究</b> <b>Study on the Influence of Added Mass on Parachute Opening Load</b>	
刘康, 包文龙, 薛晓鹏, 吴壮志, 荣伟.....	47
<b>航天器板状部件在轨热应变 FBG 测量方法研究</b> <b>Research on In-Orbit Thermal Strain FBG Measurement Method of Spacecraft Plate Components</b>	
程晓迪, 辛朝军, 皮姝, 刘子璇.....	58
<b>外挂式空射运载火箭发射可靠性试验剖面研究</b> <b>Study on Reliability Test Profile of External Air-Launched Carrier Rocket</b>	
尹子盟, 李紫光, 杨学印.....	68
<b>航天质量奖励管理的研究与应用</b> <b>Research and Application of Aerospace Quality Award Management</b>	
王铮, 胡勇翔, 傅浩杰, 胡云.....	75
<b>基于数字孪生航空发动机的数学建模综述</b> <b>Overview of Mathematical Modeling Based on Digital Twin Aviation Engines</b>	
袁锦程, 刘毅, 卢庚福, 吴彩彬.....	80