

目次

军用航空

基于深度迁移的新型机械类装备故障数量预测
 张红梅,程湘钧,柳泉,拓明福,唐希浪,徐思宁(1)

基于增量裂纹扩展与开裂能密度的橡胶结构疲劳寿命预测
 黄志强,陈彦甫,杨自豪(11)

一种航空集群机间协同高精度时钟自同步方法
 尚耀波,林晋福,任宝祥,李哲,雷鹏飞(19)

飞机蒸发制冷循环制冷剂充注量影响研究
 毛晓东,张昊,李申思,温伊龙(30)

基于 LSTM-DAE 谱聚类的终端区飞行轨迹模式识别方法
 张召悦,许程(40)

内涵遮挡支板对球面收敛矢量喷管 RCS 影响研究
 吴梦珂,郭霄,夏欣如,周圆心,杨青真(48)

电子信息与通信导航

基于链路状态感知的卫星网络多路路由优化策略
 张乐,李雨昂,阔永红,周雨晨,杨龙(58)

多径信道下最佳接收机研究
 董鹏宇,向新,王鹏,梁源,李春辉,王瑞,李桥(68)

基于地磁特征提取的搜索导航研究
 郭娇娇,杨宾锋,纪晓琳,曹海霞,郭宁宁(75)

基于 CAZAC 序列的互相关同步算法
 李晓辉,马丹丹,石明利,吕思婷(82)

空天防御

分布式防空反导杀伤网超网络构建与节点价值评估方法
 何欣,范成礼,谭梦蝶,李炳涛(89)

基于改进多目标飞蛾扑火算法的干扰资源优化方法
 马铭希,陈旭祎,王绍祺,刘成奎,王超(100)

军事智能

CasKDNet:基于改进 DenseNet 的恶意代码分类方法
 刘强,王坚,路艳丽,王艺菲(110)

基于知识增强大语言模型的杀伤网作战决策方法研究
 王嘉乾,郭相科,杨子梁,唐文生,张海宾,戚玉涛(120)

CONTENTS

Military Aviation

- A Prediction of Number of Faults in New Mechanical Equipment Based on Deep Transfer
..... ZHANG Hongmei, CHENG Xiangjun, LIU Quan, TUO Mingfu, TANG Xilang, XU Sining(1)
- A Fatigue Life Prediction Method of Rubber Structures Based on Incremental Crack Propagation and Cracking Energy Density
..... HUANG Zhiqiang, CHEN Yanfu, YANG Zihao(11)
- A High Precision Clock Self Synchronization Method for Inter Aircraft Cooperation of Aviation Swarm
..... SHANG Yaobo, LIN Jinfu, REN Baoxiang, LI Zhe, LEI Pengfei(19)
- A Study of Influence of Refrigerant Charge Amount on Evaporative Refrigeration Cycle for Aircraft
..... MAO Xiaodong, ZHANG Hao, LI Shensi, WEN Yilong(30)
- A Method of Recognizing Flight Trajectory Pattern at Terminal Area Based on LSTM-DAE Spectral Clustering
..... ZHANG Zhaoyue, XU Cheng(40)
- Research on Impact of Internal Blocking Struts on Radar Cross Section of Spherical Converging Vectoring Nozzles
..... WU Mengke, GUO Xiao, XIA Xinru, ZHOU Yuanxin, YANG Qingzhen(48)

Electronic Information and Communication Navigation

- An Optimization Strategy for Multi-Path Routing in Satellite Network Based on Link State Awareness
..... ZHANG Le, LI Yuang, KUO Yonghong, ZHOU Yuchen, YANG Long(58)
- Research on Optimal Receivers in Multipath Channels
..... DONG Pengyu, XIANG Xin, WANG Peng, LIANG Yuan, LI Chunhui, WANG Rui, LI Qiao(68)
- Research on Search Navigation Extraction from Geomagnetic Feature
..... GUO Jiaojiao, YANG Binfeng, JI Xiaolin, CAO Haixia, GUO Ningning(75)
- A Cross Correlation Synchronization Algorithm Based on CAZAC Sequence
..... LI Xiaohui, MA Dandan, SHI Mingli, LYU Siting(82)

Aerospace Defense

- A Hyper-Network Construction and A Method of Evaluating Node Value on Distributed Air Defense and Antimissile Kill Web
..... HE Xin, FAN Chengli, TAN Mengdie, LI Bingtao(89)
- A Jamming Resource Optimization Method Based on Improved Multi-Objective Moth-to-Flame Algorithm
..... MA Mingxi, CHEN Xuyi, WANG Shaoqi, LIU Chengkui, WANG Chao(100)

Military Intelligence

- CasKNet: A Malware Classification Method Based on Improved DenseNet
..... LIU Qiang, WANG Jian, LU Yanli, WANG Yifei(110)
- A Decision-Making Method Based on Knowledge-Enhanced Large Language Models
..... WANG Jiaqian, GUO Xiangke, YANG Ziliang, TANG Wensheng, ZHANG Haibin, QI Yutao(120)