

ISSN 1672-9870



A standard linear barcode is positioned horizontally. To its left is the ISSN number, and to its right is a vertical barcode.

9 771672 987203

目 次

- 正六边形反射镜支撑结构设计 于夫男, 张春悦(1)
- 基于侧窗滤波与分块贝塞尔插值的图像融合 钱进, 王永成, 徐东东, 贲广利(7)
- 中心支撑式铝合金反射镜组件优化设计 闫磊, 王灵杰, 张新, 谭双龙, 胡铭钰(13)
- 大视场多星模拟器标定技术研究 李曼丽, 韩冰, 刘航, 袁理, 黄丹飞(17)
- 基于 φ -OTDR 马赫泽德光纤振动传感系统 荆涛, 黄丹飞, 衣文索, 王兴奇, 巩楠楠(23)
- 基于 FPGA 的靶场高精度时间采集系统设计 黄安娜, 王凌云, 迟歆妍(29)
- 利用 COMSOL 软件验证 Fraunhofer Diffraction 及实验探究 崔帅, 门庭, 童宏伟, 赵会富(36)
- 温度对电子束沉积 Nb₂O₅ 薄膜性能的影响 王野, 付秀华, 张静, 刘冬梅(42)
- 一种小型飞行器 INS/GPS 组合导航系统设计及仿真 刘岩, 汤翔, 袁新宇(49)
- 小质量弹丸质心测试设备的设计及精度分析 宋斌, 张心明, 海燕, 李俊烨, 王新鹏(54)
- 基于全站仪的大型雷达阵面重构技术研究 董琦, 孙昊, 谭凯龙, 宋帆, 王亚非(59)
- 基于移动机器人的 RGB-D SLAM 算法研究 杜妍彦, 田成军, 冯永鑫, 陈恩志(65)
- 空间全光网络的最小化阻塞概率波长路由算法 高思远, 刘智, 佟欣, 朱旭芳(71)
- 基于同步提取 S 变换的 LFM 信号参数估计 冯永鑫, 陈宇, 杜妍彦, 王春阳(76)
- 桑黄微观结构图像处理研究 孟凡钰, 王作斌(83)
- 基于 FPGA 的高精度人脸检测加速 刘洪浩, 李启海, 彭其飞(90)
- 基于动态概率引导的人工蜂群聚类算法 王为, 王艳春, 陈占芳(95)
- 炒酸枣仁标准汤剂的质量评价 董青, 马玉芹, 代云桃(102)
- POSS 基辐射强化交联剂的制备与应用 崔利娜, 李云辉, 邵晶(108)
- 半参数方法与 BP 神经网络在缺失数据中的对比研究 翟芳慧, 施三支, 樊思敏(115)
- 基于重构的多层次分析法的楼盘综合水平评价算法 石韵虓, 陈凯, 李沂洋, 崔帅, 成丽波(121)
- 羊肚菌多糖应急性抗疲劳成分的初步分离与鉴定 梁宇芝, 王清爽, 王鑫钰, 王楠楠, 王一东(130)
- 珠三角城市地区秋季 PM_{2.5} 中含水量及其主要影响因子分析 刘祚屹, 瞿群, 吴艳林, 卞国建(136)

CONTENTS

- Support Structure Design of a Hexagonal Reflect Mirror..... YU Fu-nan,ZHANG Chun-yue(1)
- Image Fusion Based on Side Window Filtering and Blocked Bezier Interpolation
..... QIAN Jin,WANG Yong-cheng,XU Dong-dong,BEN Guang-li(7)
- The Optimization Design of a Center-supported Aluminium Alloys Mirror Assembly
..... YAN Lei,WANG Ling-jie,ZHANG Xin,TAN Shuang-long,HU Ming-yu(13)
- Study on Calibration Technology of Large Field of View Multi-star Simulator
..... LI Man-li,HAN Bing,LIU Hang,YUAN Li,HUANG Dan-fei(17)
- Optical Fiber Vibration Sensing System Based on φ -OTDR Mach-Zender
..... JING Tao,HUANG Dan-fei,YI Wen-suo,WANG Xing-qi,GONG Nan-nan(23)
- Design of High Precision Time Acquisition System for Shooting Range Based on FPGA
..... HUANG An-na,WANG Ling-yun,CHI Xin-yan(29)
- Verification of Fraunhofer Diffraction and Experimental Verification by COMSOL Multiphysics
..... CUI Shuai,MEN Ting,TONG Hong-wei,ZHAO Hui-fu(36)
- Study on Temperature Influence of Nb_2O_5 Thin Films by Electron Beam Evaporation
..... WANG Ye,FU Xiu-hua,ZHANG Jing,LIU Dong-mei(42)
- Design and Simulation of INS/ GPS Integrated Navigation System for Small Aircraft
..... LIU Yan,TANG Xiang,YUAN Xin-yu(49)
- Design and Accuracy Analysis of the Low-mass Projectile's Centroid Test Equipment
..... SONG Bin,ZHANG Xin-ming,HAI Yan,LI Jun-ye,WANG Xin-peng(54)
- Research on Radar Array Reconstruction Based on Total Station
..... DONG Qi,SUN Hao,TAN Kai-long,SONG Fan,WANG Ya-fei(59)
- Research on RGB-D SLAM Algorithm Based on Mobile Robot
..... DU Yan-yan, TIAN Cheng-jun, FENG Yong-xin, CHEN En-zhi(65)

Minimum Blocking Probability Wavelength Routing Algorithm for

Spatial All-optical Networks GAO Si-yuan, LIU Zhi, TONG Xin, ZHU Xu-fang(71)

Parameter Estimation of LFM Signal Based on Synchroextracting S Transform

..... FENG Yong-xin, CHEN Yu, DU Yan-yan, WANG Chun-yang(76)

Research on Image Processing in Microstructure of Phellinus Linteus

..... MENG Fan-yu, WANG Zuo-bin(83)

High Accuracy Face Detection Acceleration Based on FPGA

..... LIU Hong-hao, LI Qi-hai, PENG Qi-fei(90)

Artificial Bee Colony Clustering Algorithm Based on Dynamic Probability Guidance

..... WANG Wei, WANG Yan-chun, CHEN Zhan-fang(95)

Quality Evaluation of Standard Decoction of Ziziphi Spinosae Semen

..... DONG Qing, MA Yu-qin, DAI Yun-tao(102)

Preparation and Application of Radiation-enhanced POSS Crosslinking Agent

..... CUI Li-na, LI Yun-hui, SHAO Jing(108)

Comparation of Semiparametric Method and BP Neural Network in Missing Data

..... ZHAI Fang-hui, SHI San-zhi, FAN Si-min(115)

Real Estate Comprehensive Level Evaluation Algorithm Based on Reconstruction

Multi-level Analysis Method

..... SHI Yun-xiao, CHEN Kai, LI Yi-yang, CUI Shuai, CHENG Li-bo(121)

Preliminary Isolation and Identification of Acute Anti - fatigue Components of

Morchella Polysaccharides

... LIANG Yu-zhi, WANG Qing-shuang, WANG Xin-yu, WANG Nan-nan, WANG Yi-dong(130)

Characterization of PM_{2.5} Water Content During Autumn in Urban Areas of

the Pearl River Delta Region LIU Zuo-yi, QU Qun, WU Yan-lin, BIAN Guo-jian(136)