

## TABLE OF CONTENTS 目 录

**Driving Test System Based on Technology of High Precision GPS Positioning**  
(基于高精度 GPS 定位技术的驾考系统)

Y. H. XIE, D. J. YAO.....103

**Program Transmission Method of PLC Equipments' Remote Monitoring Software Based on Virtual Serial Port**  
(基于虚拟串口的 PLC 设备远程监控软件的程序传输方法)

H. S. CHEN, H. YE, Y. L. YANG.....110

**The Remote Intelligent Virtual Reality Monitoring and Control System for Flower Maintenance Using Internet of Things and Unity3D**  
(物联网 + Unity3D 虚拟现实花卉养护远程智能监控系统)

Q. Y. CHEN, P. GONG, R. C. GUO, G. J. ZHANG.....119

**Design and Implementation of Heterogeneous Database Engine for Enterprise Application System**  
(面向企业应用系统的异构数据库引擎设计与实现)

Z. ZHAO.....126

**Comparison of Cross Validation Results of Classification Model Based on Nonparametric Method**  
(基于非参数方法的分类模型交叉验证结果比较)

Q. Z. XU.....132

**Artificial Fish Swarm Algorithm Based on Improved Topological Structure**  
(基于拓扑结构改进的人工鱼群算法)

L. S. BAO, J. P. CHU, Q. X. LIANG.....137

**Build and Research of the Meteorological and Air Pollution Data Warehouse System Based on WebGIS**  
(基于 WebGIS 的气象及大气污染数据仓库系统的构建研究)

X. ZHANG, Q. YUE, M. LUO, F. XU.....143

**Signal Analysis and Key Parameter Prediction System of Ball Mill**  
(球磨机信号分析和关键参数预报系统)

L. J. ZHAO, H. SUN, B. CHEN, W. WANG.....160

**Flame Detection Based on Video**  
(基于视频图像的火焰检测)

K. LI, S. B. LI, R. LIU, J. WANG, D. LIU.....171

**Synthetic Aperture Sonar Imaging Algorithm**  
(合成孔径声呐成像算法之 CS 算法仿真研究)

L. CHEN, F. H. ZHANG.....178

**An Efficient Virtual Resources Allocation Strategy for Cloud Computing**  
(云计算中虚拟资源高效分配策略研究)

N. YU, J. Q. ZHANG, L. N. NI.....184

**Design and Implementation of Operating System Assisted Teaching Platform**  
(操作系统辅助教学平台的设计与实现)

J. Q. ZHANG, L. N. NI, H. ZHAO, J. C. FAN.....190

**Particle Swarm Optimized Bayesian Network for Financial Early Warning**  
(一种粒子群优化贝叶斯网络的财务预警方法)

M. J. XU, S. S. XU.....195