

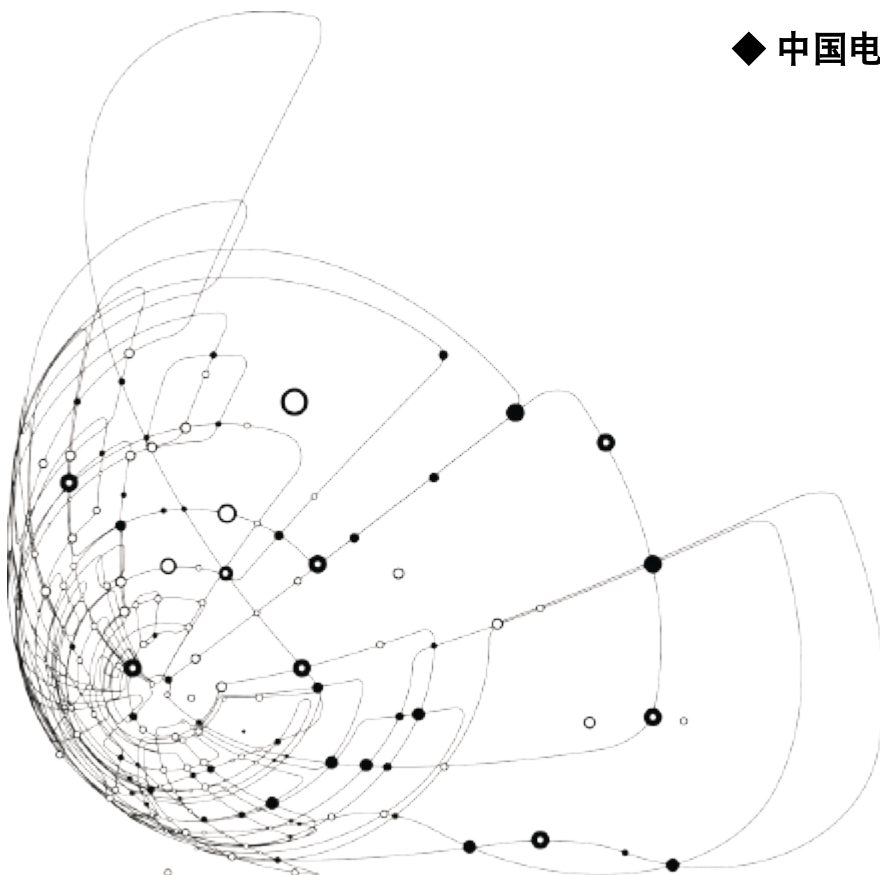
◎ 中文核心期刊
◎ 中国科技核心期刊 RCCSE中国核心学术期刊(A)
◎ 主办：陕西电子杂志社 陕西省电子技术研究所

Modern Electronics Technique

现代电子技术[®]

<http://www.xddz.com.cn>

◆ 中国电子学会重点支持期刊



万方数据

2018
第41卷
Vol. 41 No. 06

06

目 次

计算机科学与应用

- 基于 Matlab/Simulink 的电离层探测系统仿真设计王 宁, 杨国斌, 刘桐辛, 兰 婷, 周 晨, 姜春华 (1)
- 融合微聚集隐私保护的协同过滤算法研究鲜 英, 于 炯, 杨兴耀, 薛朋强 (5)
- 基于知识图谱的高铁动车设备检测系统的本体框架构建与维护韩 智, 周法国 (11)
- 基于 ASP.NET 的在线运动课程编排系统设计丁花阳 (15)
- 基于图像增强和复原的图像去雾方法研究刘雪峰, 刘学远, 付 民 (18)
- 改进 D*Lite 算法在虚拟士兵路径规划中的应用连云霞, 樊永生, 余红英, 杨 臻 (23)
- 分布式视频编码中基于滑窗的自适应相关估计方法朱蓉蓉, 方 勇 (28)
- 基于读者个性化特征数据挖掘的图书馆书目推荐谢 康 (34)
- 基于超像素与 BoF 的运动目标跟踪算法邱晓荣, 彭 力, 刘全胜 (37)
- 基于信息推荐的创新成果转化平台设计与实现郭文汇, 徐琤颖 (41)
- 基于 TDOA 算法的差分 UWB 室内定位系统研究陈小斯, 沈 重, 周 群, 张 鲲, 郑理强 (45)
- 基于多核学习 SVM 的图像分类识别算法李红丽, 许春香, 马耀锋 (50)
- 基于改进 FAST 特征检测的 ORB-SLAM 方法公维思, 周绍磊, 吴修振, 刘 刚 (53)
- 基于 Unix 系统的嗅探软件工作机制及实现徐书欣, 赵 景 (57)

航空航天航海技术

- 一种改善无人机自动返航降落误差的方法刘 康, 张家田, 严正国 (61)
- 刷新机制协同工作的星载存储器设计龚泉铭, 姜秀杰, 安军社 (65)
- 基于高速 eMMC 存储的弹载记录仪设计丁红晖, 马游春, 苏庆庆 (70)
- 空间光学有效载荷电磁兼容故障诊断宋 健, 贺庚贤, 葛欣宏 (74)

能源技术

- 基于宽带载波技术的集抄系统中传输延时预测方法刘 宣, 刘志康, 徐啸飞, 刘 颖, 郑国权 (79)
- 基于融合算法的 GPS/UWB/MARG 协同定位系统研究周 群, 沈 重, 张 鲲, 陈小斯, 郑理强 (82)
- 有机-金属钙钛矿太阳能电池微结构及载流子传输机制邓建平, 方俊飞, 傅明星, 杨 智 (87)
- 存储式油井动液面监测系统研制张乃禄, 皇甫王欢, 刘选朝, 刘 峰, 翟 磊 (92)
- 基于 Web 的输变电工程造价管理系统的开发与设计朱 渊 (96)

电子与信息器件

- MEMS陀螺器件与驱动电路的相位关系研究·····陈 华,郭桂良,阎跃鹏,来强涛,韩荆宇(100)
- 调幅射频电磁场人体辐照实验系统的设计与实现
·····蓝茂英,蔡林波,邓官华,段 松,熊 威,李晓东,辛学刚(104)
- 海洋环境污染信息智能图像监测技术研究·····温玉波(109)
- 智能冰箱关键技术研究·····刘尚旺,尚新闻(112)
- 基于FPGA的模/数混合采集系统优化设计·····杨圣龙,任勇峰,李辉景(117)
- 基于Hadoop的互联网隐式文本感知技术·····李月洁,柳长安,刘星平,贾 聪(121)
- 无线传感网络中基于规则预设的集中式入侵检测系统·····范 颖,杨 晶(125)
- 基于无线传输的运动比赛成绩在线采集系统设计·····赵崇乐,王一博(129)
- 基于LabVIEW的开关电器触头电寿命试验系统的设计·····熊显名,朱文博,杨志伟(133)

前沿交叉科学

- 海量数据的支持向量机优化挖掘方法·····李清霞(137)
- 基于改进的差异演化算法求解SVM反问题的研究·····樊永生,熊焰明,余红英(141)
- 面向不确定残缺数据的大学生成绩预测方法·····曹歆雨,曹卫权,李 峥,孙金德(145)
- 一种计算植物冠层光分布的并行仿真系统·····谢文昊(150)
- 基于大数据网络的运动损伤评估模型研究·····杨宋华(154)
- 权重信息不完全的混合型多属性决策方法研究·····叶 帆,叶 永(158)
- 基于云计算环境下的信息检索及智能融合的研究·····袁 敏,段景辉,黄梦醒(162)
- 基于复杂网络模型的运动损伤程度评估模型·····介 博(165)
- 限价指令驱动市场中信息聚类分析模型研究·····潘春玲(169)
- 基于大数据的专业评估信息平台设计与实现·····王杨丽(172)
- 云计算条件下IT网络组织形成机制研究·····刘行简,康 凯,赵 静(176)
- 基于三维视觉的当代油画虚拟创作·····邹大力(180)
- 基于大数据的运动损伤程度评估模型·····李少聪,马 德,李少琼(183)

声 明

本刊已许可国内外相关数据库和中国知网在其系列数据库产品中以数字化方式复制、汇编、发行、信息网络传播本刊全文。该社著作权使用费与本刊稿酬一并支付(相关稿酬不再另行支付)。作者向本刊提交文章发表的行为即视为同意我社上述声明。

Contents

Simulation design of ionospheric sounding system based on Matlab/Simulink	WANG Ning, YANG Guobin, LIU Tongxin, LAN Ting, ZHOU Chen, JIANG Chunhua (1)
Research on microaggregation fused collaborative filtering algorithm for privacy protection	XIAN Ying, YU Jiong, YANG Xingyao, XUE Pengqiang (5)
Construction and maintenance of knowledge mapping based ontology framework of high-speed train's equipment detection system	HAN Zhi, ZHOU Faguo (11)
Design of online sports curriculum arrangement system based on ASP.NET	DING Huayang (15)
Research on image defogging methods based on image enhancement and image restoration	LIU Xuefeng, LIU Xueyuan, FU Min (18)
Application of improved D*Lite algorithm in virtual soldier path planning	LIAN Yunxia, FAN Yongsheng, YU Hongying, YANG Zhen (23)
Sliding-window based adaptive correlation estimation method for distributed video coding	ZHU Rongrong, FANG Yong (28)
Library catalogue recommendation based on readers' personalized feature data mining	XIE Kang (34)
Motion target tracking algorithm based on superpixel and BoF	QIU Xiaorong, PENG Li, LIU Quansheng (37)
Design and implementation of innovation achievement transformation platform based on information recommendation	GUO Wenhui, XU Chengying (41)
Research on differential UWB indoor positioning system based on TDOA algorithm	CHEN Xiaosi, SHEN Chong, ZHOU Qun, ZHANG Kun, ZHENG Liqiang (45)
An image classification and recognition algorithm based on multi-kernel learning SVM	LI Hongli, XU Chunxiang, MA Yaofeng (50)
ORB-SLAM method based on improved FAST feature detection	GONG Weisi, ZHOU Shaolei, WU Xiuzhen, LIU Gang (53)
Work mechanism and realization of sniffer software based on Unix system	XU Shuxin, ZHAO Jing (57)
A method for improving landing error of UAV automatic return	LIU Kang, ZHANG Jiatian, YAN Zhengguo (61)
Design of spaceborne memory with cooperative refresh mechanism	GONG Quanming, JIANG Xiujie, AN Junshe (65)
Design of missile-borne recorder based on high-speed eMMC storage	DING Honghui, MA Youchun, SU Qingqing (70)
Electromagnetic compatibility fault diagnosis of space optical payload	SONG Jian, HE Gengxian, GE Xinhong (74)
Method of transmission delay prediction for centralized meter reading system based on wideband carrier technology	LIU Xuan, LIU Zhikang, XU Xiaofei, LIU Ying, ZHENG Guoquan (79)
Research on GPS/UWB/MARG cooperative positioning system based on fusion algorithm	ZHOU Qun, SHEN Chong, ZHANG Kun, CHEN Xiaosi, ZHENG Liqiang (82)
Microstructure and charge carrier transport mechanism of organic-metal perovskite solar cells	DENG Jianping, FANG Junfei, FU Mingxing, YANG Zhi (87)
Development of dynamic fluid level monitoring system for storage oil well	ZHANG Nailu, HUANGFU Wanghuan, LIU Xuanchao, LIU Feng, ZHAI Lei (92)
Development and design of Web-based cost management system for power transmission and transformation project	ZHU Yuan (96)
Research of phase relationship between MEMS gyroscope and driving circuit	CHEN Hua, GUO Guiliang, YAN Yuepeng, LAI Qiangtao, HAN Jingyu (100)
Design and implementation of human body irradiation experimental system for amplitude-modulated radiofrequency electromagnetic field	LAN Maoying, CAI Linbo, DENG Guanhua, DUAN Song, XIONG Wei, LI Xiaodong, XIN Xuegang (104)

- Research on intelligent image monitoring technology for marine environment pollution information ···WEN Yubo (109)
- Study on key technologies of intelligent refrigerator·····LIU Shangwang, SHANG Xinwen (112)
- Optimization design of analog-digital hybrid acquisition system based on FPGA
·····YANG Shenglong, REN Yongfeng, LI Huijing (117)
- Internet implicit text perception technology based on Hadoop
·····LI Yuejie, LIU Chang'an, LIU Xingping, JIA Cong (121)
- A rule-predefined centralized intrusion detection system for wireless sensor networks ·····FAN Ying, YANG Jing (125)
- Design of wireless transmission based performance online acquisition system of sports competition
·····ZHAO Chongle, WANG Yibo (129)
- Design of contact electrical endurance test system for switching devices based on LabVIEW
·····XIONG Xianming, ZHU Wenbo, YANG Zhiwei (133)
- Support vector machine based optimization mining method of massive data·····LI Qingxia (137)
- Research on SVM inverse problem solving based on changed differential evolution algorithm
·····FAN Yongsheng, XIONG Yanming, YU Hongying (141)
- Prediction method of college students' scores toward uncertain missing data
·····CAO Xinyu, CAO Weiquan, LI Zheng, SUN Jinde (145)
- A parallel simulation system for calculating plant canopy illumination distribution ·····XIE Wenhao (150)
- Research on sports injury evaluation model based on big data network ·····YANG Songhua (154)
- An approach for hybrid multiple attribute decision making with incomplete weight information
·····YE Fan, YE Yong (158)
- Research on information retrieval and intelligent fusion based on cloud computing environment
·····YUAN Min, DUAN Jinghui, HUANG Mengxing (162)
- Sports injury degree evaluation model based on complex network model ·····JIE Bo (165)
- Study on information clustering analysis model of limit order driven market ·····PAN Chunling (169)
- Design and implementation of information professional evaluation platform based on big data ·····WANG Yangli (172)
- Research on formation mechanism of IT network organization under the condition of cloud computing
·····LIU Xingjian, KANG Kai, ZHAO Jing (176)
- 3D vision based virtual creation of contemporary oil painting ·····ZOU Dali (180)
- Sports injury degree evaluation model based on big data ·····LI Shaocong, MA De, LI Shaoqiong (183)

本刊主要荣誉

中文核心期刊
中国科技核心期刊
RCCSE 中国核心学术期刊(A)
中国学术期刊影响因子年报统计源期刊
中国新闻出版总署资料库收藏期刊
中文科技期刊数据库全文收录期刊
中国学术期刊(光盘版)期刊
陕西省精品科技期刊
中国期刊全文数据库收录期刊
中国学术期刊综合评价数据库来源期刊
中国科技论文统计与分析用刊
美国《乌利希期刊指南》收录期刊

声明

1. 《现代电子技术》编辑部系陕西电子杂志社下辖《现代电子技术》杂志的惟一编辑、征稿部门,编辑部在社外无任何形式的组稿代理、外聘编辑等;

2. 作者投稿惟一通道为《现代电子技术》官方网站采编系统,且要求所有文章的通信作者为文章主要署名作者,不接受非署名作者投稿。