高 技 术 通 讯

Gaojishu Tongxun

月刊(1991 年创刊)

2015 年 2 月　第 25 卷第 2 期

ISSN1002-0470　CN11-2770/N

本刊为《中国科技论文统计与分析》、《中国科学引文数据库》、《中国科学与工程期刊文摘》(英文版)、美国《化学文摘》(CA)、英国《科学文摘》(SA)及俄罗斯《文摘杂志》(РЖ)收录源期刊

目　　录

计算机与通信技术

基于随机网络演算的无线网络 TCP 性能上界分析 …… 漆华妹　陈志刚(111)

基于动态描述逻辑的 Web 自动化服务组合 …… 张建华　田东平　岳金朋等(118)

NUMA 结构的高效实时稳定的垃圾回收算法 …… 廖　彬　傅　杰　靳国杰等(125)

基于 GMR-1 的卫星移动通信系统模拟信关站物理层软件的实现 …… 朱　哲　周　洁　刘　洋等(135)

中文电子病历命名实体标注语料库构建 …… 曲春燕　关　毅　杨锦锋等(143)

一种 Linux 环境下优化 ZFS 同步写性能的方法 …… 沈　岩　张广艳　杨长江(151)

资源三号卫星湿地多光谱与全色影像融合质量评价 …… 吴瑞娟　何秀凤　王　静(157)

先进制造与自动化技术

结合基元对比度与边界先验的显著性区域检测 …… 窦　燕　陈美奂　段亮亮(163)

行车安全的车内环境综合评价理论研究及车载预警系统设计 …… 崔法毅　信思旭　冯旭初(171)

高温气冷堆氦气透平循环流动阻力特性分析 …… 蒋慧静　杨小勇　丁　铭等(180)

分析基于失效概率的矩独立重要性测度的单层密度权重法 …… 赵录峰　范冰洁　吴亚荣(187)

基于时频关系的复合人为干扰自适应预测 …… 张敬义　李永贵(196)

人机结合的研究现状与进展 …… 高　楠　傅俊英　赵蕴华(205)

CHINESE HIGH TECHNOLOGY LETTERS

(published monthly since 1991)

Feb. 2015 Vol. 25 No. 2

ISSN 1002-0470 CN 11-2770/N

Analysis on the upper bound of the TCP performance of wireless networks based on stochastic network calculus ····· *Qi Huamei*, *Chen Zhigang*(111)

Automatic composition of Web services based on dynamic description logic ····· *Zhang Jianhua*, *Tian Dongping*, *Yue Jinpeng*, *et al.*(118)

A high-efficient, real-time and stable garbage collection algorithm for NUMA ····· *Liao Bin*, *Fu Jie*, *Jin Guojie*, *et al.*(125)

Software design for physical layer of simulative gateway station of mobile satellite communication systems based on GMR-1 ····· *Zhu Zhe*, *Zhou Jie*, *Liu Yang*, *et al.*(135)

The construction of annotated corpora of named entities for Chinese electronic medical records ····· *Qu Chunyan*, *Guan Yi*, *Yang Jinfeng*, *et al.*(143)

An approach to optimizing synchronous write performance of ZFS on Linux ····· *Shen Yan*, *Zhang Guangyan*, *Yang Changjiang*(151)

Quality assessment of fusion of ZY-3 multispectral and panchromatic images for coastal wetland areas ····· *Wu Ruijuan*, *He Xiufeng*, *Wang Jing*(157)

Salient region detection based on element contrast and boundary prior ····· *Dou Yan*, *Chen Meihuan*, *Duan Liangliang*(163)

Theoretical study on comprehensive evaluation of the environment in vechicle for safe driving and design of its vehicle-mounted early warning system ····· *Cui Fayi*, *Xin Sixu*, *Feng Xuchu*(171)

Resistance characteristics analysis for helium turbine cycle coupled with high temperature gas cooled reactor ····· *Jiang Huijng*, *Yang Xiaoyong*, *Ding Ming*, *et al.*(180)

A single-loop density weight method for analysis of failure probability based moment-independent importance measure ····· *Zhao Lufeng*, *Fan Bingjie*, *Wu Yarong*(187)

Adaptive prediction of multiplicate jamming based on time-frequency relation ····· *Zhang Jinyi*, *Li Yonggui*(196)

A review of the development and status of the research on human-computer cooperation ····· *Gao Nan*, *Fu Junying*, *Zhao Yunhua*(205)