

◆ 英国《科学文摘》(SA,INSPEC)来源期刊
 ◆ 美国《剑桥科学文摘》(CSA)来源期刊
 ◆ 第二届国家期刊奖百种重点科技期刊
 ◆ 中国科技核心期刊 ◆ 全国中文核心期刊
 ◆ 中国科技论文统计源期刊
 ◆ 中国学术期刊综合评价数据库来源期刊
 ◆ 中国计算机学会会刊
 ◆ 《中国工程技术电子信息网》来源期刊

◆ 日本《科学技术振兴机构数据库》(JST)来源期刊
 ◆ 波兰《哥白尼索引》(IC)来源期刊
 ◆ 中国期刊方阵双效期刊
 ◆ 中国科学引文数据库来源期刊
 ◆ 《中文科技期刊数据库》来源期刊
 ◆ 《中国期刊网》《中国学术期刊(光盘版)》来源期刊
 ◆ 台湾《中文电子期刊服务(CEPS)资料库》全文收录期刊
 ◆ 《电子科技文献数据库》来源期刊

计算机应用研究

Jisuanji Yingyong Yanjiu

第 27 卷 第 9 期 2010 年 9 月

目次

综述评论

流式数据上关联规则挖掘研究综述	朱小栋,沈国华(3201)
网络环境下新产品开发知识团队研究综述	李海刚,吴蓓蓓,李亚芳,白丽(3206)
基于单绘辅助 3D 动画综述	李松,杨征,魏迎梅,吴玲达(3210)
数据起源技术发展研究综述	戴超凡,王海,张鹏程(3215)
知识抽取技术综述	刘鹏博,车海燕,陈伟(3222)
网络安全态势感知研究进展	李硕,戴欣,周渝霞(3227)
DDoS 攻击源追踪算法综述	黄忠厚,徐川,刘夏兵(3233)

算法研究探讨

基于增量词频率的文本主题词提取算法研究	刘兴林,彭宏,马千里(3237)
基于 HCBF 的大流检测机制	陈虎樵,张果,惠红超(3239)
基于 MPICH2 和并行 Q 学习的模具制造项目群随机调度	张抄清,陈新度,陈庆新,陈新(3242)
求解 Job-shop 调度问题的遗传蚁群算法	吴宇明,徐从富(3247)
改进的云自适应粒子群优化算法	张艳琼(3250)
基于改进的 PSO 算法的神经网络相关性剪枝优化	涂娟娟,詹永照,韩飞(3253)
复杂约束条件下的混合粒子群优化算法	丁雷(3256)
一种混合粒子群优化模型的 Web 聚类方法	李世威,王建强(3259)
基于粒子群优化的 T 频干扰消除算法	陈雷,张立毅,郭艳菊,刘婷,李楠(3263)
改进粒子群算法在雷达网优化部署中的应用	杨翠蓉,王明哲,龚浩华,倪枫(3268)
基于 GD-FNN 的金融股指预测模型	孙彬,李铁克,张文学(3272)
改进的蚂蚁聚类算法	曲建华,马英红(3276)
基于 QPSO 算法和 S-系统的基因调控网络分析与重构	冯斌,余永红,孙俊(3279)
震后随机动态 LRP 多目标优化模型及算法	王绍仁,马相军(3283)
集成二级物流系统的网络规划问题研究	金莉,朱云龙,申海,库海(3287)
混合电梯群控系统建模及新型优化调度策略	赵小翠,罗飞,许玉榕(3290)
量子进化算法在水下目标 DOA 估计中的应用	牛奕龙,王毅,孙进才(3294)
面向客户视角的 Web 服务组合优化与集成管理方法	陈冬林,聂规划,李晓菲(3297)
基于遗传算法和最小二乘支持向量机可靠性分配	张根保,刘佳,王国强,任显林(3300)
基于 FSG 的最大频繁子图挖掘算法	郭景峰,柴然,张伟(3303)
集合覆盖问题的数据约简研究	陈韬,吴志勇,孙乐昌,张昊,刘京菊(3307)
基于直觉模糊推理的网络舆情预警方法	李润程,王琦,林琛(3312)
基于分化距离的离群点检测算法	刘欢,吴介军,苏锦霞(3316)
基于鲁棒尺度的统计建模数据中异常点去除算法的研究及应用	张新荣(3319)
基于 MapReduce 模型的分布式天文交叉认证	赵青,孙济洲,自健,于策,崔辰州,刘旭,袁馨(3322)
基于插值法与经验模态分解的表面肌电信号降噪处理	李强,李博,杨慕海(3326)
基于词网的词汇语义相似度计算方法研究	葛斌,李芳芳,郭线路,汤人权(3329)
动态社会接触网络上的 H1N1 控制仿真研究	祖正虎,郑涛,许峭,梅珊,朱一凡(3334)
LTE 系统中咬尾卷积码的编译码算法仿真及性能分析	陈发堂,陶根林(3338)
一个使用未标记样本聚类信息的自训练方法	刘伟涛,许信顺(3341)
基于多级搜索区域的协同进化遗传算法	苗金凤,王洪国,邵增珍,赵学臣(3345)
多级多商品物流网络设计的优化模型与组合模拟退火算法	秦进,倪玲霖,缪立新(3348)
一种远程医疗系统中多专家会诊的调度问题求解	徐儒,徐泽同,李柳杉(3352)
求解不动点方程的人工鱼群算法	曲良东,何登旭,黄勇(3356)
潜在网络购物者与有经验者购买意愿比较研究	纪淑娟,赵波(3358)
基于 PSO 的考虑完整费用的证券组合优化研究	杨建辉,江文婷(3364)
基于逐级均值聚类与信息熵的离散化算法	刘静,罗卫敏,刘开波(3368)

系统应用开发

一种基于粗集理论的车地无线通信设备故障诊断方法	徐继亮,罗艳华,董德存(3372)
物联网技术在生命状态监测系统中的应用	王粉花,牟忻,郝国梁,王志良(3375)
产品研发过程管理信息集成建模方法研究	沙全友,施进发,蔡永生(3378)

一种用于在线搭建的虚拟展览馆拆分及检索方法	杜宝江,王立平,刘佳,李正,王海鹏(3381)
集值离散动力系统扩张性	王昌,吉飞宇(3385)

软件技术研究

一种面向方面软件体系结构模型	朱春国,曾国磊(3387)
基于文档数据库的全栈式地理空间数据传播模型	梅继贤,杜震洪,刘仁义(3390)
WebGIS 中多维空间数据多尺度表达索引结构	吕智涵,马瑞娜,房经宝,韩勇,陈戈(3395)
面向分类的网页主题特征提取	刘建,孙鹏,倪宏(3399)
一种个性化移动搜索技术的研究	谭磊,刘钰峰,李仁发(3403)
基于加权语义网和有效信息的个性化用户兴趣建模	毛晓星,薛安荣,陶时光(3406)
基于 CUDA 的蛋白质翻译后修饰鉴定 MS-Alignment 算法加速研究	翟艳堂,徐强,郎显宇,陆忠华,迟学斌(3409)
MoSoSo 中基于公平合作激励机制的资源共享研究	仇娜,王红,荣月林(3415)
基于流程树的 BPEL4WS 中流程服务动态优化方法	文俊浩,舒志强,秦如玉,李朋(3418)
手机键盘输入方法研究	刘斌,曹放,刘瑞(3422)
基于关系演算的 Java 模式识别	苗康,余啸,赵吉,沈宇(3425)
基于实时性的 Java 虚拟机垃圾收集算法	白江涛,钟勇,朱顺东(3431)
复制式协同图形编辑环境中复合 Undo 操作语义一致性维护研究	高丽萍,卢敬(3434)

网络与通信技术

多用户 DS-UWB 信号的伪码周期估计	高水升,张天骐,杜晓华,高翔云(3439)
基于邻居节点数目的洪泛概率计算方法	侯楠,冯海林,顾鑫(3443)
基于最小跳数的 WSN 非均匀分布的路由算法	杨云,陈拥军,张敬,石婷婷(3446)
流量自适应的无线传感器网络簇内通信算法	彭娜,刘慧中(3449)
无线传感器网络中异常检测算法研究	薛安荣,李明(3452)
神经网络的滞后同步及其在保密通信中的应用	穆文英,籍艳,崔宝同(3456)
TRABPT: 一种移动 P2P 网络可信路由选择算法	严远亭,王杨,赵鹏程,南敏,许勇(3458)
面向流媒体应用的实时可行概率获取方法研究	李超,张冬松,金士尧(3462)
一种基于身份标志位置解析系统	刘建强,程东年,郭江兴,张建伟,兰巨龙(3466)
一种降低 WiMAX 终端认证时延的机制设计与实现	唐朝伟,刘鹏平,唐鼎,唐晖(3470)
基于最短路径树覆盖的 AS 拓扑监测点部署方法	孙力伟,彭伟,刘宇峰,吕保平(3473)
认知无线 mesh 网中联合路由的分布式信道分配算法	顾金敏,章国安,包志华(3476)
传感器网络中节点感应模型与相关工作的比较	秦宇宁,蒋敏峰,熊伟丽,徐保国(3480)
基于网络流量特性分析的高速入侵检测分流算法	王明定,赵国鸿,陆华彪(3484)
基于核岭回归的自适应差分定位方法	江德祥,胡明清,陈益强,刘军发,周经野(3487)

信息安全技术

P2P 网络中最大频繁项集挖掘算法研究	邓忠军,宋威,郑雪峰,王少杰(3490)
一种基于节点多可用一跳的分级收敛算法	关礼安,江斌强,宋富勇(3493)
P2P 环境下文件共享的信任建立博弈模型及稳态分析	项兴彬,曾国磊,夏冬梅(3496)
一种基于特权分级的 quorum 系统构造方案	董佳佳,张敏情,董斌(3500)
Web 服务设计中的访问控制验证	胡若,徐虹(3503)
基于 NMF 和 SVD 相结合的 Contourlet 域鲁棒水印算法	刘如京,杨福怡,王玲(3507)
基于敏感数据加密的分布式安全数据库服务研究	余水红,柏文阳(3510)
标准模型下的在线/离线多签名方案	卢超,钱海峰(3514)
基于压缩域水印的 AVS 视频认证	陈威兵,吴钢锋,杨高波(3518)
智能微尘传感网的轻量协作式认证算法	归奕红,杜瑞颖(3522)
基于序列比对的 SQL 注入攻击检测方法	孙义,胡雨霁,黄皓(3525)
密码协议安全性证明系统解析器的设计与实现	李安乐,陈楠,顾纯祥,祝跃飞(3529)
一种面向方面的网络安全模型研究	葛君伟,沈玉,方义秋(3533)
图像隐写分析中小波系数相关性的研究与应用	雷雨,潘晓中,杨晓元,钮可(3536)
基于人类视觉感知的下采样转码视频水印	史长城,康志伟(3539)
$GF(p^n)$ 上周期为 p^m 序列的 m 紧线性复杂度	周建钦,熊微(3542)
椭圆曲线基点判断算法的多核并行化	许小龙,罗克露(3545)
传感器网络信息分级发布安全模型的研究	陆国庆,曾钰(3549)

图形图像技术

二维离散小波变换高效低存储 VLSI 架构设计	王超(3554)
空中手绘: 一种三维自由曲线绘制方法	曹鹏,陈毅松,陈文广(3558)
一种运动检测算法研究	罗铁峰,徐成(3561)
基于 DCIWPSO 在谷底边缘泡沫图像分割的应用	申晓军,唐朝伟,徐进,桂卫华(3564)
基于局部特征描述的多模态视网膜图像配准	邢雨,郑健,徐敏,杨鑫(3567)
一种基于圆形角点的瞳孔定位算法	陈守明,唐璇,李青,谢秀珍,刘波(3570)
基于均值-中值-梯度共生矩阵模型的最大熵分割算法	龙建武,申铨京,魏巍,何月,陈海鹏(3575)
基于自适应分块的视频目标跟踪方法研究	郝慧娟,许继勇,刘广起(3579)
基于亮度与火焰区域边缘颜色分布的火焰检测	许宏科,房建武,文常保(3581)
一种基于 K-L 变换和聚类的视频摘要方法	王毅,李蔚程(3585)
一种自适应的 Canny 边缘检测算法	薛丽霞,李涛,卢佐成(3588)
抑制漂移误差的多描述视频编码	陈衍,何选森(3591)
结合显著度图和自适应能量线的快速图像缩放	王会千,杨高波,张兆扬,夏中超(3594)
自动人脸跟踪方法研究	李晶,范九伦,张雁冰(3598)

信息荟萃

下期要目	(3560)
------	--------

期刊基本参数: CN51-1196/TP * 1984 * m * A4 * 400 * zh * P * ¥30.00 * 4800 * 109 * 2010-09 * n

本期责任编辑 何俐

Application Research of Computers

Vol. 27 No. 9 Sep. 2010

Contents

Survey

Review of association rules mining in data streams	ZHU Xiao-dong, SHEN Guo-hua (3201)
Review on studies of knowledge team for new product development under networks environment	LI Hai-gang, WU Bei-lei, LI Ya-fang, <i>et al.</i> (3206)
Survey of sketch-based technique aiding 3D animation	LI Song, YANG Zheng, WEI Ying-mei, <i>et al.</i> (3210)
Survey of data provenance technique	DAI Chao-fan, WANG Tao, ZHANG Peng-cheng (3215)
Survey of knowledge extraction technologies	LIU Peng-bo, CHE Hai-yan, CHEN Wei (3222)
Research progress of network security situation awareness	LI Shuo, DAI Xin, ZHOU Yu-xia (3227)
Survey on DDoS attack source tracing algorithm	HUANG Zhong-hou, XU Chuan, LIU Yan-bing (3233)

Algorithm Research & Explorer

Research of thematic terms extraction algorithm from Chinese text based on increment term set frequency	LIU Xing-lin, PENG Hong, MA Qian-li (3237)
Mechanism based on HCBF for large flow inspect	CHEN Shu-qiao, ZHANG Guo, HU Hong-chao (3239)
Stochastic scheduling for multiple mould and die manufacturing projects based on MPICH2 and parallel Q-learning	ZHANG Sha-qing, CHEN Xin-du, CHEN Qing-xin, <i>et al.</i> (3242)
Genetic ant colony algorithm for Job-shop scheduling problem	WU Yu-ming, XU Cong-fu (3247)
Improved adaptive particle swarm optimization algorithm based on cloud theory	ZHANG Yan-qiong (3250)
Neural network correlation pruning optimization based on improved PSO algorithm	TU Juan-juan, ZHAN Yong-zhao, HAN Fei (3253)
Hybrid particle swarm optimization algorithm for optimization problem with complicated constraint condition	DING Lei (3256)
Approach of Web clustering based on hybrid particle swarm optimization model	LI Shi-wei, WANG Jian-qiang (3259)
Power interference removal based on particle swarm optimization	CHEN Lei, ZHANG Li-yi, GUO Yan-ju, <i>et al.</i> (3263)
Application of improved particle swarm optimization in radar network deployment	YANG Cui-rong, WANG Ming-zhe, GONG Hao-hua, <i>et al.</i> (3268)
Prediction model of financial stock index based on GD-FNN	SUN Bin, LI Tie-ke, ZHANG Wen-xue (3272)
Improved ant clustering algorithm	QU Jian-hua, MA Ying-hong (3276)
Analysis and reconstruction of genetic regulatory networks based on QPSO algorithm and S-system	FENG Bin, YU Yong-hong, SUN Jun (3279)
Stochastic dynamic multi-objective optimization location-routing model and algorithm in post-earthquake	WANG Shao-ren, MA Zu-jun (3283)
Research on network design problem in integrated three-layer logistics systems	JIN Li, ZHU Yun-long, SHEN Hai, <i>et al.</i> (3287)
Hybrid elevator group control system modeling and new scheduling strategy	ZHAO Xiao-cui, LUO Fei, XU Yu-ge (3290)
Application of quantum-inspired evolutionary algorithm for DOA estimation of underwater target	NIU Yi-long, WANG Yi, SUN Jin-cai (3294)
Customer perspective-oriented Web service composition optimization and integration management approach	CHEN Dong-lin, NIE Gui-hua, LI Xiao-fei (3297)
Reliability allocation based on genetic algorithm and LS-SVM	ZHANG Gen-bao, LIU Jia, WANG Guo-qiang, <i>et al.</i> (3300)
FSG-based algorithm for mining maximal frequent subgraph	GUO Jing-feng, CHAI Ran, ZHANG Wei (3303)
Research of data reduction on set covering problem	CHEN Tao, WU Zhi-yong, SUN Le-chang, <i>et al.</i> (3307)
Method of online public opinions pre-warning based on intuitionistic fuzzy reasoning	LI Bi-cheng, WANG Jin, LIN Chen (3312)
Outliers detection algorithm of differentiation distance-based	LIU Huan, WU Jie-jun, SU Jin-qi (3316)
Study and application of method of extracting outliers in statistical monitoring model based on robust scaling	ZHANG Xin-rong (3319)
Distributed astronomical cross-match based on MapReduce model	ZHAO Qing, SUN Ji-zhou, XIAO Jian, <i>et al.</i> (3322)
Noise reduction of surface electromyography signal using spectrum interpolation and empirical mode decomposition	LI Qiang, LI Bo, YANG Ji-hai (3326)
Word's semantic similarity computation method based on Hownet	GE Bin, LI Fang-fang, GUO Si-lu, <i>et al.</i> (3329)
Countermeasures simulation research for pandemic influenza A(H1N1) based on dynamic social contact network	ZU Zheng-hu, ZHENG Tao, XU Qing, <i>et al.</i> (3334)
Simulation of encoding and decoding algorithm of tail-biting convolutional codes used in LTE system and their performance analysis	CHEN Fa-tang, TAO Gen-lin (3338)
Self-training method using cluster information of unlabeled samples	LIU Wei-tao, XU Xin-shun (3341)
Co-evolutionary genetic algorithm based on multi-level search area	MIAO Jin-feng, WANG Hong-guo, SHAO Zeng-zhen, <i>et al.</i> (3345)
Optimization model and combined simulated annealing algorithm for multi-level multi-commodity logistics network design	QIN Jin, NI Ling-lin, MIAO Li-xin (3348)
Telemedicine system in multi-expert diagnosis of scheduling solving	XU Ru, XU Ze-tong, LI Liu-bai (3352)
Solving fixed point equation by artificial fish school algorithm	QU Liang-dong, HE Deng-xu, HUANG Yong (3356)
Comparative study on online purchasing intention between latent customers and experienced customers	JI Shu-xian, ZHAO Bo (3358)
Study on portfolio investment with full transaction cost based on particle swarm optimization	YANG Jian-hui, JIANG Wen-ting (3364)
Information entropy discretization algorithm based on ranking means clustering	LIU Jing, LUO Wei-min, LIU Jing-bo (3368)

System Development & Application

Fault diagnosis method for train-ground wireless communication unit based on rough sets theory	TU Ji-liang, LUO Yan-fen, DONG De-cun (3372)
Application of network of things technology on system of status detector	WANG Fen-hua, NIAN Xin, HAO Guo-liang, <i>et al.</i> (3375)
Research of product research and development process management information integrated modeling	SHA Quan-you, SHI Jin-fa, QIN Xian-sheng (3378)
Splitting and searching method for construction of virtual pavilion online	DU Bao-jiang, WANG Li-ping, LIU Jia, <i>et al.</i> (3381)
Expansiveness for set-valued discrete dynamical systems	WANG Chang, JI Fei-yu (3385)

Software Technology Research

Aspect oriented software architecture model	ZHU Chun-guo, ZENG Guo-sun (3387)
Document-oriented database-based full-stack propagation model of geospatial data	MEI Ji-yun, DU Zhen-hong, LIU Ren-yi (3390)
Index structure for multi-scale representation of multi-dimensional spatial data in WebGIS	LV Zhi-han, MA Rui-na, FANG Jing-bao, <i>et al.</i> (3395)
Web-page topical feature extraction for Web-page classification	LIU Jian, SUN Peng, NI Hong (3399)

Research on personalization of mobile search engine	TAN Lei, LIU Yu-feng, LI Ren-fa(3403)
Personalized user profile modeling method based on weighted semantic net and effective information	MAO Xiao-xing, XUE An-rong, JU Shi-guang(3406)
Research of CUDA-based acceleration of MS-Alignment for identification of post-translational modifications	ZHAI Yan-tang, TU Qiang, LANG Xian-yu, et al. (3409)
Resource sharing research of mobile social software based on fair cooperation incentive mechanism	QIU Na, WANG Hong, RONG Yue-lin(3415)
Dynamic process services optimized combination for BPFLAWS based on process tree	WEN Jun-hao, SHU Zhi-qiang, QIN Ru-yu, et al. (3418)
Research of keyboard finger-write input method for mobile phone	LIU Bin, MIAO Fang, LIU Rui(3422)
Java design pattern recognition based on relational calculus	MIAO Kang, YU Xiao, ZHAO Ji, et al. (3425)
Real-time garbage collection algorithm in Java virtual machine	BAI Jiang-tao, ZHONG Yong, ZHU Hao-dong(3431)
Maintaining semantic consistency of compound Undo operations in replicated collaborative graphical editing environments	GAO Li-ping, LU Tun(3434)

Network & Communication Technology

Blind estimation of PN sequence period for multi-user DS-UWB signals	GAO Yong-sheng, ZHANG Tian-qi, DU Xiao-hua, et al. (3439)
Calculation of flooding probability based on number of neighbor nodes	HOU Nan, FENG Hai-lin, GU Xin(3443)
Novel routing algorithm of nonuniform node distribution in WSN based on minimum hops	YANG Yun, CHEN Yong-jun, ZHANG Jing, et al. (3446)
Traffic adaptive communication algorithm within clusters for WSN	PENG Na, LIU Hui-zhong(3449)
Anomaly reading detection algorithm in WSN	XUE An-rong, LI Ming(3452)
Lag synchronization of neural network and its application in secure communication	MU Wen-ying, JI Yan, CUI Bao-tong(3456)
TRABPT: new trusted mobile P2P network routing algorithm	YAN Yuan-ting, WANG Yang, ZHAO Peng-cheng, et al. (3458)
Research on acquire technology of real-time executable probability facing streaming media application	LI Chao, ZHANG Dong-song, JIN Shi-yao(3462)
Locator resolving system for flat identity	LIU Jian-qiang, CHENG Dong-nian, WU Jiang-xing, et al. (3466)
Design and implementation of reducing authentication cost in WiMAX handoff	TANG Chao-wei, LIU Peng-jun, TANG Ding, et al. (3470)
AS topology monitor deployment method based on cover of shortest path trees	SUN Li-wei, PENG Wei, LIU Yu-jing, et al. (3473)
Distributed joint routing and channel assignment algorithm in cognitive wireless mesh networks	GU Jin-yuan, ZHANG Guo-an, BAO Zhi-hua(3476)
Comparison between node sensing models and relative works in wireless sensor networks	QIN Ning-ning, JIANG Min-feng, XIONG Wei-li, et al. (3480)
Load balancing algorithm for high-speed IDS based on analysis of network traffic	WANG Ming-ding, ZHAO Guo-hong, LU Hua-biao(3484)
Adaptive Bluetooth location method based on kernel ridge regression	JIANG De-xiang, HU Ming-qing, CHEN Yi-qiang, et al. (3487)

Information Security Technology

Research on maximal frequent itemset mining algorithm over P2P network	DENG Zhong-jun, SONG Wei, ZHENG Xue-feng, WANG Shao-jie(3490)
Hierarchy converging algorithm based on available multi-next-hop of node	GUAN Li-an, WANG Bin-qiang, ZHU Xuan-yong(3493)
Game model for trust establishing and steady-state analysis in P2P file-sharing environments	XIANG Xing-bin, ZENG Guo-sun, XIA Dong-mei(3496)
Scheme of quorum system construction based on privilege classification	WENG Jia-jia, ZHANG Min-qing, DONG Bin(3500)
Verification of access control in Web services designing	HU Ruo, XU Hong(3503)
Robust watermarking scheme based on NMF and SVD in Contourlet domain	LIU Ru-jing, YANG Wen-yi, WANG Ling(3507)
Distributed secure database service based on sensitive data encryption	YU Yong-hong, BAI Wen-yang(3510)
Online/offline multi-signature scheme in standard model	LU Chao, QIAN Hai-feng(3514)
Compressed-domain watermarking for AVS video authentication	CHEN Wei-bing, WU Di-feng, YANG Gao-bo(3518)
Lightweight collaborative authentication algorithm for smart dust wireless sensor networks	GUI Yi-hong, DU Rui-ying(3522)
Method of defense SQL injection attacks based on sequence alignment	SUN Yi, HU Yu-ji, HUANG Hao(3525)
Design and implementation parser of provable security system for security protocols	LI An-le, CHEN Nan, GU Chun-xiang, et al. (3529)
Research on aspect-oriented grid security model	GE Jun-wei, SHEN Yu, FANG Yi-qiu(3533)
Study on dependencies between wavelet coefficients for image steganalysis and its application	LEI Yu, PAN Xiao-zhong, YANG Xiao-yuan, et al. (3536)
HVS-based video watermarking technique using downsampling	SHI Chang-cheng, KANG Zhi-wei(3539)
m-tight error linear complexity of sequences over $GF(p^m)$ with period p^n	ZHOU Jian-qin, XIONG Wei(3542)
Parallel algorithm of judging base points for elliptic curve cryptosystems on multicore architectures	XU Xiao-long, LUO Ke-lu(3545)
Study on multi-level information security model of wireless sensor networks	LU Guo-qing, ZENG Zeng(3549)

Graphics & Image Technology

VLSI architecture for 2-dimensional discrete wavelet transform with high performance and low memory	WANG Chao(3554)
Drawing in space: natural 3D free-form curve input method	LU Peng, CHEN Yi-song, CHEN Wen-guang(3558)
Studies of motion detection algorithms	LUO Tie-zhen, XU Cheng(3561)
Based on DCIWFSO in application of valley-edge detection froth image segmentation	SHEN Xiao-jun, TANG Zhao-hui, XU Jin, et al. (3564)
Multimodal retinal image registration based on local feature description	XING Yu, ZHENG Jian, XU Min, et al. (3567)
Algorithm of pupils' location based on circle-corner point	CHEN Shou-ming, TANG Jin, LI Qing, et al. (3570)
Maximum entropy thresholding algorithm based on mean-median-gradient co-occurrence matrix model	LONG Jian-wu, SHEN Xuan-jing, WEI Wei, et al. (3575)
Study on vision object tracking based on adaptive object segmentation	HAO Hui-juan, XU Ji-yong, LIU Guang-qi(3579)
Fire detection based on brightness and color distribution of fire edge regions	XU Hong-ke, FANG Jian-wu, WEN Chang-bao(3581)
Video abstraction based on K-L transform and clustering	WANG Yi, LI Bi-cheng(3585)
Adaptive Canny edge detection algorithm	XUE Li-xia, LI Tao, WANG Zuo-cheng(3588)
Multiple description video coding with drift reduction	CHEN Kan, HE Xuan-sen(3591)
Fast image resizing by combining with saliency map and adaptive seam	WANG Hui-qian, YANG Gao-bo, ZHANG Zhao-yang, et al. (3594)
Research of automatic face tracking	LI Jing, FAN Jiu-lun, ZHANG Yan-bing(3598)

Information

Important Contents of Next Issue	(3560)
--	--------

Serial parameters: CN51-1196/TP * 1984 * m * A4 * 400 * zh * P * ¥ 30.00 * 4800 * 109 * 2010-09 * n

Responsible Editor HE Li