

❖ 英国《科学文摘》(INSPEC)来源期刊
 ❖ 美国《剑桥科学文摘(工程技术)》(CSA Technology)来源期刊
 ❖ 美国《乌利希期刊指南》(UPD)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 ❖ RCCSE 核心期刊
 ❖ 《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
 ❖ 美国《剑桥科学文摘(自然科学)》(CSA(NS))来源期刊
 ❖ 俄罗斯《文摘杂志》(AJ) ❖ 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 29 卷 第 12 期 2012 年 12 月

目 次

综述评论

云测试研究现状综述	李 乔, 柯栋梁, 王小林(4401)
肿瘤热疗计划系统的研究进展	卓子寒, 翟伟明, 刘玲玲, 蔡东阳, 李一戈, 唐劲天(4407)
无线传感器网络安全路由研究综述	李 挺, 冯 勇(4412)
分布式无线传感器网络故障检测算法综述	徐小龙, 耿卫建, 杨 庚, 李玲娟, 杨 震(4420)
无线传感器网络中虚假数据过滤方案	朱凌志, 赵巾帼, 刘志雄, 黄俊杰, 梁俊斌(4426)
基于位置服务的研究综述	唐科萍, 许方恒, 沈才樑(4432)
部分盲签名综述	李明祥, 李 峰, 王 涛(4437)

算法研究探讨

一种新型的多目标优化混合量子进化算法	申晓宁(4441)
深层加速搜索的蜂群算法	卢滢宇, 王 冰, 李学文, 秦 勇(4445)
基于模拟退火的自适应粒子群优化算法的改进策略	于海平, 刘会超, 吴志健(4448)
求解高校教室调度问题的混合粒子群算法	曹策俊, 杨 琴, 李从东(4451)
一种简单有效的求解 TSP 的混合差分进化算法	曾宇容, 王 林, 赖彩霞(4455)
动量交叉粒子群算法	禹 云, 陈 熙(4459)
一种改进的多目标优化算法	樊纪山, 王经卓, 熊盛武(4463)
CGF 队形形成及避障行为研究	黄 珏, 秦 龙, 尹全军, 查亚兵(4466)
基于正态云自适应遗传算法的无人机航路规划	成晓东, 周德云, 何 鹏, 张 堃(4469)
自适应泛洪的迷宫路径优化算法研究	林 俊, 谷 兵, 杨 晨, 蔡婷婷(4472)
基于语义的文本特征加权分类算法	张国栋, 张化祥(4476)
基于扩展符号聚集近似的水文时间序列异常挖掘	刘 千, 朱跃龙, 张鹏程(4479)
序区间值决策系统中最优可信规则获取与约简	王天擎, 谢 军(4482)
多目标 0-1 规划的混沌优化算法	杨玲玲, 马 良, 张惠珍(4486)
基于改进粒子群算法的物流配送中心选址策略	胡 伟, 徐福缘, 台德艺, 马庆国(4489)
基于节点可达度的公交多路径搜索算法	符光梅, 王 红(4492)
基于蛋白质网络的模块动态特性挖掘研究	郭 阳, 尚学群, 李 晶(4495)
从加权网络中预测蛋白质复合物	汤希玮, 李勇帆, 胡秋玲(4500)
基于描述逻辑的组合知识库推理	卢道设, 杨世瀚, 吴尽昭, 熊玲芳(4503)
改进的潜在语义分析中文摘录方法	肖 升, 何炎祥(4507)
基于概率阈的非冗余多故障系统诊断策略优化	朱海鹏, 景 博, 黄以锋, 苏俊阳(4512)
免疫文化基因算法求解多模态函数优化问题	刘合安, 张群慧(4515)
基于遗传算法的城市公交骨架线网优化设计	王 佳, 符 卓, 杜靖毅(4518)
基于 fuzzy TOPSIS 的资源服务优化选择算法	张 倩, 齐德昱(4522)
基于相容性距离的冲突证据合成方法研究	刘希亮, 陈桂明, 李方溪, 张 倩(4527)
基于小波树模型的 CoSaMP 压缩感知算法	苏维均, 王红红, 于重重, 杨 扬(4530)
一种模糊相似关系传递核的获取算法	邓冠男, 姜妍丽(4534)
基于遗传优化的 PCA-SVM 控制图模式识别	李太福, 胡 胜, 魏正元, 韩亚军(4538)
基于协同自适应禁忌的多时窗 VRP 算法实现	朱玲玲, 杨爱琴, 吴宽仁(4542)
基于极大熵牛顿法求解绝对值方程	邓永坤, 王海军, 张 萍(4546)
基于粒子群算法的模糊层次分析模型	李壮阔, 薛有添(4549)
基于 MCS 的 SVM 参数优化研究	郭一格, 孙 力, 刘以安(4553)
基于核空间类间平均距的径向基函数—支持向量机特征选择算法	黄应清, 赵 锴, 蒋晓瑜(4556)

系统应用开发

一个基于消息传递接口和面向对象的图像信号处理并行向量库	姜春茂, 吴翔虎, 段 莹, 曲明成, 刘 敏, 李志聪(4560)
一种基于性能退化建模的设备最优监测时机确定方法	张正新, 胡昌华, 周志杰, 张 昭(4564)
基于决策树算法规则抽取的 COREX 燃料配比模型	赵晨熙, 徐金梧, 黎 敏, 阳建宏(4567)
基于权值算法的中文情感分析系统研究与实现	张昊旻, 石博莹, 刘树宏(4571)
基于带宽利用率的 Flexray 静态段研究	张建军, 于 萍, 张本宏(4574)

不确定多时滞系统的鲁棒 H_{∞} 控制	屈百达, 胥吉林, 徐保国 (4577)
流行病防控策略的多主体仿真研究	高德华 (4580)

软件技术研究

一种结合 MDA 的高阶模型转换方法	曾 一, 许 林, 黄兴砚, 王翠琴 (4584)
面向航空维修的语义 SOA 框架构建研究	徐 峰, 张树生 (4589)
基于云模型以约束为中心的复杂系统定性建模	王洪利 (4593)
非功能需求的结构化定义以及概念性追踪管理框架	孙连山, 王今雨 (4598)

信息安全技术

基于数据报指纹关系的未知协议识别与发现	宋 疆, 张春瑞, 张 楠, 李 芬, 吴艳梅 (4604)
基于映射机制及带信任度的灵活委托授权模型	蔡伟鸿, 黄日成, 梁宁宁, 严 伟 (4607)
基于 Krawtchouk 不变矩和 SVD-LWT 的双重水印研究	郭 丹, 王 冰 (4615)
非结构去中心化的 P2P 网络 DDoS 攻击的防御研究	许晓东, 李 刚, 杨 燕 (4618)
一类可证安全的基于证书盲签名	黄茹芬, 农 强, 黄振杰 (4622)
基于 BAG 误匹配的 JPEG 篡改图像的被动检测算法	张 鑫, 周尚波 (4626)
一种用于认证二值文本图像篡改定位的数字水印算法	胡精易, 毛建旭, 赵 希 (4631)
基于单一像素值改变的图像置乱新算法	何立明, 强赛莉 (4635)
抗侧信道攻击的安全有效椭圆加密算法	姚剑波, 张 涛 (4639)
基于服务关注点相似度推荐的信任访问控制模型	李园园, 张永胜, 吴明峰 (4644)
DDoS 攻击下 Ad hoc 网络队列管理算法研究与仿真	冯 永, 姚龙海 (4648)
基于贝叶斯网络的计算机经济信息系统可靠性模型及其应用	钱争鸣, 管 睿 (4651)
二元周期倒序序列及其对偶序列的复杂性分析	王菊香 (4654)
基于 Shapley 嫡的主观信任模型	刘宇轩, 郭玉翠 (4656)
基于视频压缩标准的自适应信息隐藏算法	陈 青, 牛月蕊, 连攀攀, 邢晓溪, 胡琪雯 (4659)
Cryptlib 密码服务库改进与实现	李 林, 杨先文 (4662)

网络与通信技术

混合无线传感器网络内覆盖洞的双目标修补算法	卫琳娜, 秦志光 (4666)
基于 MUD/SD 的认知无线电系统遍历容量研究	谢先斌, 郭 伟 (4671)
异构 WSN 中能耗偏差协调的分簇算法	黄瑞玲, 张 伟 (4674)
无线传感器网络 k 重覆盖优化策略	郭 龙, 熊 伟, 梁 青, 刘 霆 (4677)
基于遗传模拟退火的 QoS 单播路由算法	陈晓娟, 陈 婧 (4680)
一种基于最小代价的网格资源发现模型	张忠平, 贾 倩 (4683)
一种基于多维节点属性层次聚类的应用层组播生成树算法	陈华胜, 齐 勇, 李伟华 (4688)
一种动态分层分布式数据收集算法	谭兴丽, 唐学文, 王美阳 (4691)
深空 DTN 多属性决策拥塞控制的研究	黄晓军, 林亚平 (4694)
基于平均信干比增益的基站群分簇模型	李 坤, 黄开枝, 鲁国英, 周 磊 (4699)
分裂增强型 Hammerstein 模型的研究	南敬昌, 曲 昀, 王 鑫, 毛陆虹 (4703)
一种基于 SVM 的 VoIP 网关节点识别方法	梁 伟, 陈福才, 李邵梅 (4706)
基于负载权值的负载均衡算法	张玉芳, 魏钦磊, 赵 膺 (4711)
交换以太网中实时消息截止期划分算法研究	檀 明, 魏 臻, 韩江洪 (4714)
多输入多输出通信系统的低密度奇偶校验码	黄成荣, 郭 迎, 李门浩 (4719)
无线 Mesh 网在城市轨道交通车地通信系统中的研究	刘晓娟, 姚文瑞 (4723)
基于 RSS 空时处理的指纹定位算法	王 顶, 马 娟, 赵顺轩 (4726)

图形图像技术

基于三阶统计特征的被动图像拼接检测	赵旭东, 袁 野, 李生红, 王士林, 李建华 (4729)
基于 MB-LBP 算子和 Multilinear PCA 算法的人脸识别	杨海燕, 刘国栋 (4733)
基于编码孔径的折反射散焦模糊图像复原	彭 杨, 刘 煜, 李永乐, 张茂军 (4736)
面向叶子图像的植物归类的特征序列描述方法	谢从华, 王立军, 常晋义 (4740)
图像抖动核函数估计与图像恢复	虞 芬, 杨勇杰, 苗兰芳 (4743)
基于幂次变换预处理的 PCA 人脸识别算法	侯小静, 陶少华, 陈 舟, 杜翔军 (4747)
基于变形与测地距离一致性约束的 3D 面皮点对应	贺洁琼, 耿国华, 杜洪强, 郭 鹏, 贺毅岳, 李 康 (4750)
基于 SVDD 的颅面模型数据分区方法	李坤鹏, 周明全, 李 康 (4754)
一种核化图嵌入算法的快速求解模型	林玉娥, 李敬兆, 梁兴柱, 林玉荣 (4758)
基于 EPF 最大互相关配准的机械臂目标识别方法	张译文, 侯媛彬, 康 倩, 孟 阳 (4761)
一种姿态变化下的 ASM 人脸特征定位方法	李伟生, 张 燕, 周丽芳 (4764)
核二维最大间距准则	姜 伟, 程洋洋, 杨炳儒 (4767)
基于超图模型的复杂视频事件检测	柯 佳, 詹永照, 陈潇君, 汪满容 (4770)
图像的频域倒数—高斯级联低通滤波去噪方法	王 杰, 毛玉泉, 李思佳, 吴崇虎 (4775)
一种偏好多目标蜂群算法及其在油茶果图像识别中的应用	李 昕, 李立君 (4779)
基于整体能量模型的异常行为检测	王 乔, 雷 航, 郝宗波 (4782)
一种非定标图像高精度三维重建算法	袁建英, 刘甲甲, 王 凯, 李柏林 (4786)
基于对象的最优尺度建筑物信息提取方法	张立民, 张建廷, 徐 涛 (4789)
基于 Web 墨卡托投影的地图算法研究与实现	李长春, 蔡伯根, 上官伟, 王 剑 (4793)
前视红外目标匹配中的图像质量建模	王 鹏, 孙继银, 郭文普, 黄 洁 (4797)

信息集萃

《计算机应用研究》第 29 卷(2012 年)总目次	
下期要目	(4705)
期刊基本参数: CN51-1196/TP * 1984 * m * A4 * 400 * zh * P * ¥ 30.00 * 4800 * 104 * 2012-12 * n	

Application Research of Computers

Vol. 29 No. 12 Dec. 2012

Contents

Survey

Brief survey on cloud testing	LI Qiao, KE Dong-liang, WANG Xiao-lin (4401)
Research progress of tumor hyperthermia treatment planning system	ZHUO Zi-han, ZHAI Wei-ming, LIU Ling-ling, <i>et al.</i> (4407)
Survey on secure routing research in wireless sensor networks	LI Ting, FENG Yong (4412)
Survey of distributed fault detection algorithms for wireless sensor networks	XU Xiao-long, GENG Wei-jian, YANG Geng, <i>et al.</i> (4420)
False data filtering scheme in wireless sensor networks	ZHU Ling-zhi, ZHAO Jin-guo, LIU Zhi-xiong, <i>et al.</i> (4426)
Survey on location-based services	TANG Ke-ping, XU Fang-heng, SHEN Cai-liang (4432)
Survey of partially blind signature	LI Ming-xiang, LI Feng, WANG Tao (4437)

Algorithm Research & Explorer

Multi-objective optimization based on novel hybrid quantum-inspired evolutionary algorithm	SHEN Xiao-ning (4441)
Deep accelerating artificial bee colony algorithm	LU Ying-yu, WANG Bing, LI Xue-wen, <i>et al.</i> (4445)
Strategy of adaptive simulated annealing particle swarm optimization algorithm	YU Hai-ping, LIU Hui-chao, WU Zhi-jian (4448)
Solving for timetabling problem in universities based on hybrid particle swarm optimization	CAO Ce-jun, YANG Qin, LI Cong-dong (4451)
Simple and effective hybrid differential evolution algorithm for solving traveling salesman problem	ZENG Yu-rong, WANG Lin, DUN Cai-xia (4455)
Momentum particle swarm optimization with optimal crossover	YU Yun, CHEN Xi (4459)
Improved multi-objective optimization algorithm	FAN Ji-shan, WANG Jing-zhuo, XIONG Sheng-wu (4463)
Research on formation form and obstacle avoidance of CGF groups	HUANG Jue, QIN Long, YIN Quan-jun, <i>et al.</i> (4466)
Application of normal cloud based adaptive genetic algorithm in UAV path planning	CHENG Xiao-dong, ZHOU De-yun, HE Peng, <i>et al.</i> (4469)
Research on maze path optimization algorithm based on self-adaptive flooding model	LIN Jun, GU Bing, YANG Chen, <i>et al.</i> (4472)
Classification algorithm based on semantics and text feature weighting	ZHANG Guo-dong, ZHANG Hua-xiang (4476)
Extended symbolic aggregate approximation based anomaly mining of hydrological time series	LIU Qian, ZHU Yue-long, ZHANG Peng-cheng (4479)
Acquisition of all credible rules and reductions in ordered interval-valued decision systems	WANG Tian-qing, XIE Jun (4482)
Chaotic optimization algorithm for multi-objective 0-1 programming problem	YANG Ling-ling, MA Liang, ZHANG Hui-zhen (4486)
Selection of logistics distribution center location based on improved particle swarm optimization	HU Wei, XU Fu-yuan, TAI De-yi, <i>et al.</i> (4489)
Multi-path search algorithm in public transportation based on node accessibility	FU Guang-mei, WANG Hong (4492)
Analyzing dynamic properties of modules in PPI network	GUO Yang, SHANG Xue-qun, LI Jing (4495)
Prediction of protein complexes based on weighted network	TANG Xi-wei, LI Yong-fan, HU Qiu-ling (4500)
Interdisciplinary reasoning on description logic	LU Dao-she, YANG Shi-han, WU Jin-zhao, <i>et al.</i> (4503)
Improved extractive summarization of Chinese texts using latent semantic analysis	XIAO Sheng, HE Yan-xiang (4507)
Optimization of diagnostic strategy in non-redundant multi-fault system based on probability threshold	ZHU Hai-peng, JING Bo, HUANG Yi-feng, <i>et al.</i> (4512)
Multi-model function optimization based on immune clonal memetic algorithm	LIU He-an, ZHANG Qun-hui (4515)
Optimal design on urban public transit skeleton-network based on genetic algorithm	WANG Jia, FU Zhuo, DU Jing-yi (4518)
Fuzzy TOPSIS-based resource service optimal-selection algorithm	ZHANG Qian, QI De-yu (4522)
Research on conflict evidence combination based on compatibility distance	LIU Xi-liang, CHEN Gui-ming, LI Fang-xi, <i>et al.</i> (4527)
CoSaMP algorithm of compressed sensing based on wavelet tree model	SU Wei-jun, WANG Hong-hong, YU Chong-chong, <i>et al.</i> (4530)
Algorithm for obtaining transitive opening of fuzzy similarity relation	DENG Guan-nan, JIANG Yan-li (4534)
PCA-SVM for control chart recognition of genetic optimization	LI Tai-fu, HU Sheng, WEI Zheng-yuan, <i>et al.</i> (4538)
Implementation for VRP with multi-window based on collaborative adaptive tabu algorithm	ZHU Ling-ling, YANG Ai-qin, WU Kuan-ren (4542)
Maximum entropy Newton method for absolute value equations	DENG Yong-kun, WANG Hai-jun, ZHANG Ping (4546)
Fuzzy analytic hierarchy process model based on particle swarm optimization	LI Zhuang-kuo, XUE You-tian (4549)
Parameters optimization research of SVM based on MCS	GUO Yi-ge, SUN Li, LIU Yi-an (4553)
RBF-SVM feature selection arithmetic based on kernel space mean inter-class distance	HUANG Ying-qing, ZHAO Kai, JIANG Xiao-yu (4556)

System Development & Application

Design and implementation of image/signal processing parallel library based on MPI and object-orientation	JIANG Chun-mao, WU Xiang-hu, DUAN Ying, <i>et al.</i> (4560)
Performance degradation modeling based method for optimizing equipment inspection	ZHANG Zheng-xin, HU Chang-hua, ZHOU Zhi-jie, <i>et al.</i> (4564)
Model of COREX fuel blending based on decision tree rule extraction method	ZHAO Chen-xi, XU Jin-wu, LI Min, <i>et al.</i> (4567)
Study and implementation of Chinese language emotion analysis system based on weight algorithm	ZHANG Hao-min, SHI Bo-ying, LIU Xu-hong (4571)
Research about static segment of Flexray based on utilization	ZHANG Jian-jun, YU Ping, ZHANG Ben-hong (4574)
Robust H_∞ control for uncertain systems with multiple time-delay	QU Bai-da, XU Ji-lin, XU Bao-guo (4577)
Multi-agent based simulation of prevention and control strategies for epidemics	GAO De-hua (4580)

Software Technology Research

Method of higher-order model transformation combined with MDA	ZENG Yi, XU Lin, HUANG Xing-yan, <i>et al.</i> (4584)
Semantic SOA framework orient to aviation repair	XU Feng, ZHANG Shu-sheng (4589)
Qualitative modeling of complex system based on cloud model using QSIM	WANG Hong-li (4593)
Structured definition and conceptual traceability management framework of nonfunctional requirements	SUN Lian-shan, WANG Jin-yu (4598)

Technology of Information Security

Network traffic identification based on data finger-print	SONG Jiang,ZHANG Chun-rui,ZHANG Nan, <i>et al.</i> (4604)
Flexible delegation model with trustworthiness based on permission mapping mechanism	CAI Wei-hong,HUANG Ri-cheng,LIANG Ning-ning, <i>et al.</i> (4607)
Double watermarking examination based on Krawtchouk moment invariants and SVD and LWT	GUO Dan,WANG Bing(4615)
Study on defense of unstructured and uncentralized P2P network DDoS attacks	XU Xiao-dong,LI Gang,YANG Yan(4618)
Provably secure certificate-based blind signature	HUANG Ru-fen,NONG Qiang,HUANG Zhen-jie(4622)
Passive detection of doctored JPEG image via BAG mismatching	ZHANG Xin,ZHOU Shang-bo(4626)
Digital watermarking method for binary text images authentication and tamper localization	HU Jing-yi,MAO Jian-xu,ZHAO Xi(4631)
Novel image scrambling algorithm based on changing pixel values	HE Li-ming,QIANG Sai-li(4635)
Safe and effective elliptic encryption algorithm resistance against side-channel attack	YAO Jian-bo,ZHANG Tao(4639)
Trust access control model based on service attention spot similarity recommendation	LI Yuan-yuan,ZHANG Yong-sheng,WU Ming-feng(4644)
Research and simulation of three queue management algorithms in Ad hoc network under DDoS attack	FENG Yong,YAO Long-hai(4648)
Application of reliability model about computer business information system based on Bayesian network	QIAN Zheng-ming,GUAN Rui(4651)
Complexity of binary periodic inverse sequence and its generalized bit-wise negative sequence	WANG Ju-xiang(4654)
Trust management model based on Shapley entropy	LIU Yu-xuan,GUO Yu-cui(4656)
Adaptive information hiding algorithm based on video coding standard	CHEN Qing,NIU Yue-rui,LIAN Pan-pan, <i>et al.</i> (4659)
Improvement and realization of cryptography service library Cryptlib	LI Lin,YANG Xian-wen(4662)

Technology of Network & Communication

Bi-objective coverage hole healing in hybrid wireless sensor networks	WEI Lin-na,QIN Zhi-guang(4666)
Ergodic capacity for MUD/SD cognitive radio system	XIE Xian-bin,GUO Wei(4671)
Clustering algorithm based on coordinating deviation of energy consumption in heterogeneous wireless sensor network	HUANG Rui-ling,ZHANG Wei(4674)
<i>k</i> -coverage strategy of wireless sensor networks	GUO Long,XIONG Wei,LIANG Qing, <i>et al.</i> (4677)
QoS routing algorithm based on genetic simulated annealing algorithm	CHEN Xiao-juan,CHEN Jing(4680)
Mincost-based grid resource discovery model	ZHANG Zhong-ping,JIA Qian(4683)
Hierarchical clustering multi-dimension host properties based application layer multicast spanning tree construction algorithm	CHEN Hua-sheng,QI Yong,LI Wei-hua(4688)
Dynamic hierarchical and distributed data acquisition algorithm	TAN Xing-li,TANG Xue-wen,WANG Mei-yang(4691)
Research on congestion control mechanism of multi-attribute decision making in deep-space DTN	HUANG Xiao-jun,LIN Ya-ping(4694)
Base stations clustering model based on average of signal to interference ratio gain	LI Kun,HUANG Kai-zhi,LU Guo-ying, <i>et al.</i> (4699)
Research on split augmented Hammerstein behavioral model	NAN Jing-chang,QU Yun,WANG Xin, <i>et al.</i> (4703)
Method of VoIP MediaGateway identification based on SVM	LIANG Wei,CHEN Fu-cai,LI Shao-mei(4706)
Load balancing algorithm based on load weights	ZHANG Yu-fang,WEI Qin-lei,ZHAO Ying(4711)
Research on deadline partitioning schemes for real-time message transmission over switched Ethernet	TAN Ming,WEI Zhen,HAN Jiang-hong(4714)
Low-density parity-check codes on multiple-input multiple-output communication systems	HUANG Cheng-rong,GUO Ying,LEE Moon-ho(4719)
Research on wireless Mesh network in train-ground communication system of urban mass transit	LIU Xian-juan,YAO Wen-rui(4723)
Fingerprint algorithm for positioning based on RSS space-time processing	WANG Ding,MA Juan,ZHAO Yi-xuan(4726)

Technology of Graphic & Image

Passive image splicing detection based on third order statistical features	ZHAO Xu-dong,YUAN Ye,LI Sheng-hong, <i>et al.</i> (4729)
Face recognition based on MB-LBP operator and multi-linear PCA algorithm	YANG Hai-yan,LIU Guo-dong(4733)
Coded aperture techniques for catadioptric omni-directional image defocus deblurring	PENG Yang,LIU Yu,LI Yong-le, <i>et al.</i> (4736)
Method of signatures description of leaves images for plant categorization	XIE Cong-hua,WANG Li-jun,CHANG Jin-yi(4740)
Kernel estimation and reconstruction for motion blurred images	YU Fen,YANG Yong-jie,MIAO Lan-fang(4743)
PCA algorithm based on power transformation pretreatment for face recognition	HOU Xiao-jing,TAO Shao-hua,CHEN Zhou, <i>et al.</i> (4747)
3D facial correspondence based on deformation and geodesic distance consistency constraint	HE Jie-qiong,GENG Guo-hua,DU Hong-qiang, <i>et al.</i> (4750)
Craniofacial model data partition based on SVDD	LI Kun-peng,ZHOU Ming-quan,LI Kang(4754)
Fast model for kernel extension of graph embedding	LIN Yu-e,LI Jing-zhao,LIANG Xing-zhu, <i>et al.</i> (4758)
Image registration algorithm based on EPF and maximum cross-correlation for target recognition of manipulator	ZHANG Yi-wen,HOU Yuan-bin,KANG Qian, <i>et al.</i> (4761)
ASM facial feature location under attitude changes	LI Wei-sheng,ZHANG Yan,ZHOU Li-fang(4764)
Kernel two dimensional maximum margin criterion	JIANG Wei,CHENG Yang-yang,YANG Bing-ru(4767)
Detection of complexity video event based on hypergraph model	KE Jia,ZHAN Yong-zhao,CHEN Xiao-jun, <i>et al.</i> (4770)
Frequency domain reciprocal—Gaussian cascade low-pass filtering denoising method of image	WANG Jie,MAO Yu-quan,LI Si-jia, <i>et al.</i> (4775)
Preference multi-objective artificial bee colony and its application in camellia fruit image recognition	LI Xin,LI Li-jun(4779)
Abnormal behavior detection based on globe energy model	WANG Qiao,LEI Hang,HAO Zong-bo(4782)
3D reconstruction algorithm from uncalibrated images with high precision	YUAN Jian-ying,LIU Jia-jia,WANG Kai, <i>et al.</i> (4786)
Object-based building extraction with optimal image segmentation scales	ZHANG Li-min,ZHANG Jian-ting,XU Tao(4789)
Research and implementation of map algorithm based on Web Mercator	LI Chang-chun,CAI Bai-gen,SHANG Guan-wei, <i>et al.</i> (4793)
Image quality modeling in forward looking infrared target matching	WANG Peng,SUN Ji-yin,GUO Wen-pu, <i>et al.</i> (4797)

Information

Comprehensive Table of Contents of Application Research of Computers (Vol. 29) in 2012	
Important Contents of Next Issue	(4705)
Serial parameters:CN51-1196/TP * 1984 * m * A4 * 400 * zh * P * ¥30.00 * 4800 * 104 * 2012-12 * n	