

- ◆ 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 8 期 2012 年 8 月 目 次

综述评论

视觉里程计技术综述	李宇波, 朱效洲, 卢惠民, 张 辉(2801)
深度学习研究综述	孙志军, 薛 磊, 许阳明, 王 正(2806)
无线传感器网络中多类型数据融合研究综述	赵继军, 魏忠诚, 李志华, 刘 吴, 连 彬(2811)
城市道路交通系统可靠性研究综述	林徐勋, 隽志才, 倪安宁(2817)
集中式无线 Mesh 网络信道分配策略研究	符 琦, 陈志刚, 蒋云霞(2821)

算法研究探讨

基于微博的六度空间理论研究	刘宏杰, 陆 浩, 张 楠, 郑晓龙(2826)
移动社会网络信息传播模型构建与 top-k 节点挖掘	史文国, 王 瑜(2830)
基于认知度的用户好友社团关系挖掘方法	孟 聰, 黄永峰, 应励志(2833)
基于傅里叶变换和连通图的聚类分析方法	巨瑜芳, 雷小锋, 戴 斌, 庄 伟, 宋丰泰(2837)
基于主动数据选取的半监督聚类算法	文 平, 冷明伟, 陈晓云(2841)
一种基于代表点的分布式数据流聚类算法	高 兵, 张健沛, 杨 静(2845)
基于自适应权重的模糊 C-均值聚类算法	任丽娜, 秦永彬, 许道云(2849)
基于混合核函数的可能性 C-均值聚类算法	杭 欣, 李 雷(2852)
基于粒子群的粗糙核聚类算法	姚丽娟, 罗 可(2854)
一种层次聚类的 RDP 图语义检索方法研究	刘 宁, 左凤华, 张 俊(2858)
基于聚类的 Web 用户会话识别优化方法	凌海峰, 余 箕(2862)
一种基于代表点的增量聚类算法	孟凡荣, 李晓翠, 周 勇(2865)
基于方差权重矩阵模型的高维数据子空间聚类算法	蒋亦樟, 王士同(2868)
分级响应的应急资源布局模型和算法	王 晶, 朱建明(2872)
铁路超限超重货物运输路径综合优化模型与算法	汤 波, 雷定猷, 张英贵(2876)
时间约束下的应急物流车辆调配模型及算法研究	邬开俊, 鲁怀伟(2882)
超限车运行对双线铁路运能影响分析	王新宇, 陈治亚, 雷定猷, 张英贵(2886)
基于网络演算的智能交通流量分配研究	彭雅丽, 章志明, 宋彦婷(2891)
基于一种新的属性选择标准的 ID3 改进算法	喻金平, 黄细妹, 李康顺(2895)
自适应控制参数的通用差异演化算法研究	简 平, 邹 鹏, 熊 伟, 陈治科(2899)
基于互信息和遗传算法的两阶段特征选择方法	裘国永, 王 娜, 汪万紫(2903)
格雷码混合遗传算法求解 0-1 背包问题	王则林, 吴志健(2906)
融合可行基规则的粒子群优化算法及其应用	罗彩君(2909)
一种雷达辐射源信号多目标特征评价模型	段美军, 金炜东, 杨志新(2912)
分数低阶 alpha 稳定分布的 STFT 时频分析方法	杨保海, 朱亚军, 查代奉, 熊美英(2915)
α 稳定分布下信号的维格纳分布分析方法	陈 丁, 朱亚军, 江金龙, 高玉宝(2918)
一种改进的基于决策树的英文韵律短语边界预测方法	张元平, 凌震华, 戴礼荣, 刘庆峰(2921)
一种基于鲁棒估计的极限学习机方法	胡义函, 张小刚, 陈 华, 李晶辉(2926)
一种基于多处理器任务复制的分簇调度算法	徐 成, 赵林祥, 杨志邦(2931)
基于分布估计算法的喷涂机器人路径组合优化	樊帅权, 周 波, 孟正大, 戴先中(2935)
CSDTW: 一种时间序列流上的受限动态弯曲距离	陈树广, 李俊奎, 陈胜利(2939)
基于突发事件热度的站点地图构建算法	陈 翰, 韩永峰, 李弼程(2943)
基于随机 PERT 网络 Monte-Carlo 仿真的任务可靠性分析	唐 建, 严 骏, 凌海风, 江勋林(2948)
基于证据向量差异度改进的冲突证据融合方法	熊秋燕, 杨鹤标(2952)
一种基于混沌游走表示法的种系发生树构建	陈 勃, 季 平(2956)

系统应用开发

基于 BIP 框架的 DPU 系统建模与验证	黄崇迪, 万 海, 顾 明, 陈 睿(2961)
基于阶次分析理论的变速器故障判别实现方法	周晓锋, 史海波, 尚文利, 同一功, 高明山(2967)
基于指定元分析的接地网多故障诊断方法研究	刘先锋, 彭敏放(2970)
基于 FMEA 和模糊 Petri 网推理的装备保障过程诊断研究	孙宝琛, 贾希胜, 程中华(2973)
制造信息系统动力学模型及混沌特性分析	张小花, 陈 珮(2978)
基于 agent 行为的供应链低碳化建模与仿真	李 吴, 赵致致(2982)

基于 XML 的公路车辆智能监测信息交换研究	顾九春,刘璐(2985)
基于预测状态表示模型和稀疏分布记忆的多观测系统预测	汪庆森,鞠时光(2988)

软件技术研究

基于故障注入的嵌入式软件安全性测试框架及实现	王金波,张涛(2991)
一种面向多租户中间件的应用级并发控制方法	赵占平,王伟,张文博,蒲卫,范国闯(2996)
DML-Diff:一种面向文本内容的 XML 变化检测算法	刘博云,谢建军,南凯(3000)
基于连接件的 Web 服务自愈框架研究	任洪敏,刘晋(3004)
软件哨兵安全动态检测模型的研究与实现	武少杰,鹤荣育,薛长松,谢江涛(3008)
基于快照隔离的分布式数据库同步协议研究与实现	王珏,李立新,张绍月,杨梦梦,付建丹(3012)
基于 MDA 的 MARTE 模型形式化方法	许海洋,王萍(3018)

信息安全技术

基于对象的图像数字水印	边赟,文婷,何坤,周激流(3022)
基于 DWT-SVD 和 Fibonacci 变换的彩色图像盲水印算法	蔡宜嘉,牛玉刚,苏庆堂(3025)
BSP 二维块交织算法结合 RS 纠错码在水印中的应用	易琛,张天骐,胡然,曹亮(3029)
基于量子神经网络的启发式网络隐蔽信道检测模型	唐彰国,李焕洲,钟明全,张健(3033)
基于代理的 Cookie 保护技术研究	徐璐,周安民,刘亮,周妍(3036)
基于多径信道随机延时的物理层全算法	庞宏伟,王雪明,吉江,李翔宇,金梁(3039)
基于 ARIMA 模型的网络安全威胁态势预测方法	李凯,曹阳(3042)
两个高效无证书签名方案的安全性分析	宗志雄,胡国政,陈加忠,韩兰胜(3046)
一种改进的预加密可验证电子投票方案	苑浩,杨宝霖(3048)
一种分布式网络情报框架的模型	焦健,李琦,李肖坚(3053)
椭圆曲线快速点乘算法优化	周梦,周海波(3056)
基于网格划分空间的位置匿名算法	邹永贵,张玉涵(3059)
基于免疫和 D-S 证据理论的计算机病毒检测方法	覃仁超,刘念,黄晓芳(3062)
基于单向函数的无线传感器网络安全数据汇聚方案	郭江鸿,刘志宏,巫喜红(3067)

网络与通信技术

一种基于 DiffServ 的拓扑抽象算法	贾志娟,胡明生,刘思,洪流(3071)
基于 PSO 的无线传感器网络非均匀分簇路由协议	蒋畅江,唐贤伦,向敏(3074)
新型混沌遗传算法在多约束 QoS 路由的应用	方仕勇,邹恩,辛建涛,林锦钱,林兰(3078)
多信道无线网状网带宽有效的路由机制设计	项慨,曾园园(3081)
车载 Ad hoc 网络网关发现机制的改进	王磊,杨扬,王宁(3085)
基于反馈的区分服务网络拥塞管理方案研究	李听,陈浩,陈坚(3088)
一种连通性覆盖的无线传感器网络节点调度算法	朱孟贝,张曦煌(3091)
传感器网络中基于平均剩余能量的数据汇聚节点选择算法	赵峰,韦恺,陈宏滨(3096)
一种支持实时性业务的多信道 MAC 协议	王叶群,杨峰,叶向阳,黄国策,张衡阳(3098)
定向天线卫星网络空间重用的带宽预留算法	李媛,孙宝林,罗星(3103)
一种 IEEE 802.11s 树型网络的 PREQ 广播风暴抑制方案	游波,牟荣增,阎跃鹏(3108)
输电线路在线监测 WSN 能耗均衡研究	林俊如,朱宝晖,王秋石,曾鹏,于海斌(3111)
基于联合收发权值优化的认知雷达 MIMO-STAP	张鑫,崔琛,王兴(3116)
基于 FastICA 的雷达弱目标检测前跟踪方法研究	牛德智,陈长兴,王博,卞东亮,符辉(3120)
基于信任度加权的合作频谱感知算法	杨铁军,司春丽(3124)
一种 MANET 地址自动配置方案	王晓峰,钱炳延(3128)
OFDM/OFDMA 系统的导频干扰方案	解思瑞,黄开枝,吉江,李志刚(3131)
基于小波分解的网络流量时间序列建模与预测	张晗,王霞(3134)
基于移动节点的无线传感器网络覆盖优化研究	邓亚平,吴川平(3137)
基于用户感知的 QChat 业务质量评价	朱哲然,张高记,范九伦(3140)

图形图像技术

基于共面二点一线特征的单目视觉定位	刘昶,朱枫,夏仁波(3145)
一种基于灰度分割的自动调焦算法	姚琨,张俊举,常本康(3148)
基于 SVM 预分类学习的图像超分辨率重构算法	汤嘉立,左健民,黄陈蓉(3151)
基于邻域一致性的数字 X 射线图像局部快速修复算法	李金,王妍玮,王达达,魏杰,于虹,张少泉(3154)
改进 Landweber 电阻层析成像图像重建算法	肖理庆,王化祥,徐晓菊(3157)
一种新的分数阶微分的图像边缘检测算子	王斌,蒲亦非,周激流(3160)
基于曲线演化的 CT 颅骨外轮廓提取	尚鹏,李康,王克刚,周明全,韩翼(3163)
基于 PCA 与 SVM 结合的面部表情识别的智能轮椅控制	罗元,吴彩明,张毅(3166)
基于多特征融合的运动人体行为识别	赵海勇,李成友(3169)
基于能量函数和模块最优化的不确定图聚类	丁悦,张阳,王勇,李伟卫(3173)
融合色调统计特征的自适应区域增长算法	柳佳雯,梁光明,刘任任,谢雅婷,丁建文(3176)
基于高稳定 SURF 特征的交通标志识别	胡锦城,李实英,李仁发(3179)
抖动半调图像跳黑块无损压缩算法	胡小朋,孔月萍,江永林(3182)
基于自适应跟踪窗的红外小目标跟踪方法	汪鲁才,易锡年,陈小天(3185)
基于 KGMM 改进的动态目标检测算法	郭春凤,何建农(3189)
基于小波变换和脊波变换的自适应图像去噪算法	李根强,黄永东,蒋肖(3192)
基于分数阶微分的图像增强模板	张涌,蒲亦非,周激流(3195)
基于连通区域的传真图像版面分割与分类算法	郭晓宇,平西建,周林(3198)

信息集萃

下期要目	(3073)
------	--------

期刊基本参数:CN51-1196/TP * 1984 * m * A4 * 400 * zh * P * ¥ 30.00 * 4800 * 107 * 2012-8 * n

Application Research of Computers

Vol. 29 No. 8 Aug. 2012

Contents

Survey

Review on visual odometry technology	LI Yu-bo, ZHU Xiao-zhou, LU Hui-min, et al. (2801)
Overview of deep learning	SUN Zhi-jun, XUE Lei, XU Yang-ming, et al. (2806)
Research of multi-type data fusion in sensor networks	ZHAO Ji-jun, WEI Zhong-cheng, LI Zhi-hua, et al. (2811)
Review of reliability of urban network transportation system	LIN Xu-xun, JUAN Zhi-cai, NI An-ning (2817)
Research on centralized channel assignment strategies of wireless Mesh networks	FU Qi, CHEN Zhi-gang, JIANG Yun-xia (2821)

Algorithm Research & Explorer

Theory research based on microblog of six degrees space	LIU Hong-jie, LU Hao, ZHANG Nan, et al. (2826)
Diffusion model and top-k nodes mining for mobile social networks	SHI Wen-guo, WANG Yu (2830)
Community relationship mining method based on users' cognition degree	MENG Cong, HUANG Yong-feng, YING Li-zhi (2833)
Cluster analysis methods based on Fourier transform and graph theory	JU Yu-fang, LEI Xiao-feng, DAI Bin, et al. (2837)
Novel semi-supervised clustering algorithm based on active data selection	WEN Ping, LENG Ming-wei, CHEN Xiao-yun (2841)
Representative-based distribute data stream clustering algorithm	GAO Bing, ZHANG Jian-pei, YANG Jing (2845)
Fuzzy C-means clustering based on self-adaptive weight	REN Li-na, QIN Yong-bin, XU Dao-yun (2849)
Possibilistic C-means clustering algorithm based on hybrid kernel function	HANG Xin, LI Lei (2852)
Rough kernel clustering algorithm based on particle swarm optimization	YAO Li-juan, LUO Ke (2854)
Hierarchical clustering-based semantic retrieval of RDF graph	LIU Ning, ZUO Feng-hua, ZHANG Jun (2858)
Optimized methodology for Web user session reconstruction based on clustering	LING Hai-feng, YU Da (2862)
Incremental clustering algorithm based on representative points	MENG Fan-rong, LI Xiao-cui, ZHOU Yong (2865)
High dimensional subspace clustering algorithm WM-FCM based on variance weight matrix	JIANG Yi-zhang, WANG Shi-tong (2868)
Emergency resource location and allocation model and algorithm for graded response	WANG Jing, ZHU Jian-ming (2872)
Integrated optimizing model and algorithms of transportation route in out-of-gauge and overweight freights of railway	TANG Bo, LEI Ding-you, ZHANG Ying-gui (2876)
Model and algorithm of emergency logistics vehicle distribution based on time constraints	WU Kai-jun, LU Huai-wei (2882)
Influence analysis of transport capacity loss for out-of-gauge trains running on double-track railway	WANG Xin-yu, CHEN Zhi-ya, LEI Ding-you, et al. (2886)
Research of traffic flow assignment model on intelligent transportation based on network calculus	PENG Ya-li, ZHANG Zhi-ming, SONG Yan-ting (2891)
Improved ID3 algorithm based on new attributes selection criterion	YU Jin-ping, HUANG Xi-mei, LI Kang-shun (2895)
Research on generalized differential evolution algorithm based on adaptive controlling parameter	JIAN Ping, ZOU Peng, XIONG Wei, et al. (2899)
Two-stage feature selection algorithm based on mutual information and genetic algorithm	QIU Guo-yong, WANG Na, WANG Wan-zhi (2903)
Gray coded hybrid genetic algorithm for 0-1 knapsack problem	WANG Ze-lin, WU Zhi-jian (2906)
Novel particle swarm optimization algorithm with feasibility-based rule and its application	LUO Cai-jun (2909)
Multi-objective characteristics evaluation model of radar emitter signal	DUAN Mei-jun, JIN Wei-dong, YANG Zhi-xin (2912)
STFT time-frequency analysis method of fractional lower-order alpha stable distribution	YANG Bao-hai, ZHU Ya-jun, ZHA Dai-feng, et al. (2915)
Winger-Ville distribution analysis method of fractional lower-order alpha stable distribution	CHEN Ding, ZHU Ya-jun, JIANG Jin-long, et al. (2918)
Improved decision tree based method for English prosodic phrase boundary prediction	ZHANG Yuan-ping, LING Zhen-hua, DAI Li-rong, et al. (2921)
Extreme learning machine on robust estimation	HU Yi-han, ZHANG Xiao-gang, CHEN Hua, et al. (2926)
Scheduling algorithm of multi-processor based on task clustering and duplication	XU Cheng, ZHAO Lin-xiang, YANG Zhi-bang (2931)
Path sorting optimization of painting robots using estimation of distribution algorithms	FAN Shuai-quan, ZHOU Bo, MENG Zheng-da, et al. (2935)
CSDTW: constrained dynamic time warping distance in stream context	CHEN Shu-guang, LI Jun-kui, CHEN Sheng-li (2939)
Method of generalized sitemaps with emergency hot degree	CHEN Han, HAN Yong-feng, LI Bi-cheng (2943)
Mission reliability analysis based on Monte-Carlo simulation of stochastic PERT network	TANG Jian, YAN Jun, LING Hai-feng, et al. (2948)
Improved fusion method of conflict evidence based on evidence vector dissimilarity	XIONG Qiu-yan, YANG He-biao (2952)
Phylogenetic tree-building based on chaos game representation	CHEN Bo, JI Ping (2956)

System Development & Application

Modeling and verifying DPU system based on BIP framework	HUANG Chong-di, WAN Hai, GU Ming, et al. (2961)
Implementation method for transmission fault diagnosis based on order analysis	ZHOU Xiao-feng, SHI Hai-bo, SHANG Wen-li, et al. (2967)
Application of data-driven technique to multiple faults diagnosis in grounding grids	LIU Xian-feng, PENG Min-fang (2970)
Study on diagnosis model for support process based on FMEA and fuzzy reasoning Petri nets	SUN Bao-chen, JIA Xi-sheng, CHENG Zhong-hua (2973)
Dynamics modeling of manufacturing information system and analysis of chaos	ZHANG Xiao-hua, CHEN Wei (2978)
Agents behavior based modeling and simulation for low-carbon supply chain	LI Hao, ZHAO Dao-zhi (2982)
Research on vehicle monitoring and recording information exchange on highway based on XML	GU Jiu-chun, LIU Lu (2985)
Prediction of multi-observation system based on predictive state representation and sparse distributed memory	WANG Qing-miao, JU Shi-guang (2988)

Software Technology Research

Framework and realization of embedded software safety-testing based on fault injection	WANG Jin-bo, ZHANG Tao (2991)
Multi-tenant oriented application-level concurrency control approach	ZHAO Zhan-ping, WANG Wei, ZHANG Wen-bo, et al. (2996)
DML-Diff: content-based change detection algorithm for XML documents	LIU Bo-yun, XIE Jian-jun, NAN Kai (3000)
Research on self-healing framework for Web service based on connectors	REN Hong-min, LIU Jin (3004)

Study and implementation of software guards' security dynamic testing model	WU Shao-jie, HE Rong-yu, XUE Chang-song, et al. (3008)
Research and implementation of distributed database synchronization protocol based on snapshot isolation	WANG Jue, LI Li-xin, ZHANG Shao-yue, et al. (3012)
Formal method of MERTE model based on MDA	XU Hai-ying, WANG Ping(3018)

Technology of Information Security

Digital watermarking based on object	BIAN Yun, WEN Ting, HE Kun, et al. (3022)
Blind watermarking algorithm for color images based on DWT-SVD and Fibonacci transformation	CAI Yi-jia, NIU Yu-gang, SU Qing-tang(3025)
Application of BSP two dimensional block interleaving algorithm and RS coding in digital watermark	YI Chen, ZHANG Tian-qi, HU Ran, et al. (3029)
Heuristic detection model of covert channel based on quantum neural network	TANG Zhang-guo, LI Huan-zhou, ZHONG Ming-quan, et al. (3033)
Research of proxy-based Cookie protection technology	XU Lu, ZHOU An-min, LIU Liang, et al. (3036)
Security method of wireless physical layer security based on multipath channel random delay	PANG Hong-wei, WANG Xue-ming, JI Jiang, et al. (3039)
Forecasting network security threat situation based on ARIMA model	LI Kai, CAO Yang(3042)
Security analysis of two efficient certificateless signature schemes	ZONG Zhi-xiong, HU Guo-zheng, CHEN Jia-zhong, et al. (3046)
Improved pre-encrypted verifiable electronic voting scheme	YUAN Hao, YANG Bao-lin(3048)
Distribution computer network intelligence frame model	JIAO Jian, LI Qi, LI Xiao-jian (3053)
Optimizing fast scalar multiplication in elliptic curves	ZHOU Meng, ZHOU Hai-bo (3056)
Location-cloaking algorithm based on grid-divided space	ZOU Yong-gui, ZHANG Yu-han (3059)
Computer virus detection method based on immune theory and D-S evidence theory	QIN Ren-chao, LIU Nian, HUANG Xiao-fang (3062)
Secure data aggregation scheme for wireless sensor networks based on one-way function	GUO Jiang-hong, LIU Zhi-hong, WU Xi-hong (3067)

Technology of Network & Communication

DiffServ-based topology aggregation algorithm	JIA Zhi-juan, HU Ming-sheng, LIU Si, et al. (3071)
Unequal clustering routing protocol for wireless sensor networks based on PSO algorithm	JIANG Chang-jiang, TANG Xian-lun, XIANG Min (3074)
New chaos genetic algorithm applied in multi-constrained QoS routing	FANG Shi-yong, ZOU En, XIN Jian-tao, et al. (3078)
Routing design for bandwidth-aware multi-channel wireless mesh networks	XIANG Kai, ZENG Yuan-yuan (3081)
Novel gateway discovery mechanism in VANET	WANG Lei, YANG Yang, WANG Ning (3085)
Scheme research of congestion management in DiffServ networks based on feedback	LI Xin, CHEN Hao, CHEN Jian (3088)
Sensor scheduling algorithm for connected coverage in wireless sensor networks	ZHU Meng-bei, ZHANG Xi-huang (3091)
Data aggregation node election algorithm based on average residual energy for wireless sensor networks	ZHAO Feng, WEI Kai, CHEN Hong-bin (3096)
Multi-channel media access control protocol for real-time traffic	WANG Ye-qun, YANG Feng, YE Xiang-yang, et al. (3098)
Spatial reused bandwidth reservation in satellite networks using directional antennas	LI Yuan, SUN Bao-lin, LUO Xing (3103)
Scheme to reduce broadcast storm of PREQ in IEEE 802.11s tree network	YOU Bo, MU Rong-zeng, YAN Yue-peng (3108)
Research on energy balancing of wireless sensor network for transmission line monitoring	LIN Jun-ru, ZHU Bao-hui, WANG Qiu-shi, et al. (3111)
Cognitive radar MIMO-STAP based on joint transmit and receive weight optimization	ZHANG Xin, CUI Chen, WANG Xing (3116)
Study on tracking before detecting method based on FastICA for weak radar target	NIU De-zhi, CHEN Chang-xing, WANG Bo, et al. (3120)
Weighted cooperative spectrum sensing algorithm based on trust	YANG Tie-jun, SI Chun-li (3124)
Address configuration scheme for MANET	WANG Xiao-nan, QIAN Huan-yan (3128)
Pilot jamming scheme against OFDM/OFDMA	XIE Si-rui, HUANG Kai-zhi, JI Jiang, et al. (3131)
Modeling and forecasting for network traffic based on wavelet decomposition	ZHANG Han, WANG Xia (3134)
Research on coverage optimization of wireless sensor networks based on mobile sensors	DENG Ya-ping, WU Chuan-ping (3137)
On quality evaluation of QChat service based on quality of experience	ZHU Zhe-ran, ZHANG Gao-ji, FAN Jiu-lun (3140)

Technology of Graphic & Image

Monocular pose determination from coplanar two points and one line features	LIU Chang, ZHU Feng, XIA Ren-bo (3145)
Automatic focusing method based on gray segmentation	YAO Jun, ZHANG Jun-ju, CHANG Ben-kang (3148)
Image supper-resolution algorithm based on SVM pre-classified learning	TANG Jia-li, ZUO Jian-min, HUANG Chen-rong (3151)
Fast X-ray image inpainting based on coherence transport	LI Jin, WANG Yan-wei, WANG Da-da, et al. (3154)
Improved Landweber algorithm for image reconstruction in electrical resistance tomography system	XIAO Li-qing, WANG Hua-xiang, XU Xiao-ju (3157)
New fractional order differential based image edge detection operator	WANG Bin, PU Yi-fei, ZHOU Ji-liu (3160)
Outer contour extraction of CT skull based on curve evolution	SHANG Peng, LI Kang, WANG Ke-gang, et al. (3163)
Facial expression recognition based on principal component analysis and support vector machine applied in intelligent wheelchair LIU Yuan, WU Cai-ming, ZHANG Yi (3166)
Human action recognition based on multi-features fusion	ZHAO Hai-yong, LI Cheng-you (3169)
Clustering uncertain graphs through energy function and modularity optimization	DING Yue, ZHANG Yang, WANG Yong, et al. (3173)
Adaptive region growing algorithm combined hue statistical characters	LIU Jia-wen, LIANG Guang-ming, LIU Ren-ren, et al. (3176)
Traffic sign recognition based on stable SURFs	HU Jing-cheng, LI Shi-ying, LI Ren-fa (3179)
Black block skipping lossless compression algorithm for dither halftone image	HU Xiao-peng, KONG Yue-ping, JIANG Yong-lin (3182)
Algorithm for dim target tracking in infrared image based on adaptive tracking window	WANG Lu-cai, YI Xi-nian, CHEN Xiao-tian (3185)
Improved dynamic target detection algorithm based on KGMM	GUO Chun-feng, HE Jian-nong (3189)
Adaptive image denoising method based on wavelet transform and ridgelet transform	LI Gen-qiang, HUANG Yong-dong, JIANG Xiao (3192)
Image enhancement masks based on fractional differential	ZHANG Yong, PU Yi-fei, ZHOU Ji-liu (3195)
Fax image layout analysis based on connect components	GUO Xiao-yu, PING Xi-jian, ZHOU Lin (3198)

Information

Important Contents of Next Issue	(3073)
Serial parameters: CN51-1196/TP * 1984 * m * A4 * 400 * zh * P * ¥30.00 * 4800 * 107 * 2012-8 * n	

Responsible Editor HE Li, FU Yi