

◆ 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 28 卷 第 5 期 2011 年 5 月

目 次

综述评论

无线传感器网络数据融合研究综述	陈正宇, 杨庚, 陈蕾, 许建(1601)
软件安全缺陷发掘模型研究进展	冯勇, 范明钰, 李伟(1605)
基于 P2P 系统的 DDos 攻击及其防御技术研究综述	刘敏霞, 余杰, 李强, 陈志新(1609)
同志加密隐私保护数据挖掘方法综述	钱萍, 吴蒙(1614)
旋律提取技术研究综述	蓝天, 李扬, 钟婷, 秦志光(1618)

算法研究探讨

DNA 计算机中二叉树存储结构的研究	朱雅莉, 李肯立, 徐雨明(1623)
混沌大洪水算法求解函数优化问题	盛虹平, 马良(1626)
基于矩阵的粗糙集上、下近似求解算法	刘财辉, 苗守谦(1628)
混合粒子群优化算法研究	章慧云, 黄晓伟, 张红华, 徐杰(1631)
基于改进扩展卡尔曼粒子滤波的目标跟踪算法	王华剑, 景占荣, 羊彦(1634)
基于粒子滤波的非线性系统静态参数估计方法	周芳龙, 王浩, 姚宏亮(1637)
基于改进型蚁群算法的 MFJSSP 研究	李莉, 王克奇(1640)
动态自适应加权多态蚁群算法求解差异工件单机批调度问题	李菲, 王书锋, 冯冬青(1644)
一种改进蚁群算法研究和旅游景区路径规划问题求解	胡军国, 祁亨年, 董峰, 汪航军(1647)
配送中心主功能区域面积分配优化模型及算法	秦进, 倪玲霖, 史峰, 邓连波(1651)
一种择优配种的实数编码遗传算法	梁平, 董永东(1655)
基于 CBR-GA 的建筑物重组	邹鹏, 闭应洲, 杨虎林, 刘阿宁, 元昌安(1658)
基于辩论的多商品谈判模型研究	蒋国瑞, 许扬威(1661)
基于用户兴趣特征提取的推荐算法研究	刘枚莲, 刘同存, 李小龙(1664)
复杂经济系统 FCM 划分最佳聚类数的确定	贺勇(1668)
一种面向分类属性数据的聚类融合算法研究	李桃迎, 陈燕, 张金松, 张琳(1671)
针对地质灾害检测的视频传感器覆盖的一种新算法	刘猛, 张可(1674)
基于小波分析的交通流量异常数据检测	李志敏, 易良友, 薛平, 戴高, 谢仙宝(1677)
遥操作机器人的新型力反馈算法	侯敬巍, 赵丁选, 巩明德, 崔玉鑫(1679)
基于 GPU 的并行最小生成树算法的设计与实现	郭绍忠, 王伟, 王磊(1682)
基于云模型的最接近支持向量机增量学习方法	金珠, 马小平(1685)
蛋白质二级结构的协同训练预测方法	刘君, 熊忠阳, 王银辉(1688)
仿生柔性工作流建模与适应算法研究	王颖慧, 王东勃, 王增磊, 刘志忠(1692)
一种自适应混合粒子群优化算法及其应用	张朝龙, 江巨浪, 江善和, 李强(1696)
一种基于蜂群原理的划分聚类算法	刘雷, 王洪国, 邵增珍, 尹会娟(1699)
基于改进的多目标进化算法的飞行控制系统优化	袁瑞, 章卫国, 李广文, 刘小雄(1703)
混沌粒子群算法及其在发电资源调度中的应用	李笑雪(1707)
自主移动机器人定位系统中 Kalman 滤波算法改进	曾健平, 王保同, 谢海情(1710)
非线性环境影响下的双边动态协商模型	成照乾, 王洪国, 邵增珍, 杨怡(1713)
基于云模型的虚拟人摇头动作不确定性控制	杨志晓, 范艳峰(1718)
一种新型的基于密度和栅格的聚类算法	熊仕勇(1721)
求解互补问题的极大熵和声搜索算法	雍龙泉, 孙培民, 高凯(1724)
基于数组的增量式属性约简研究	汪小燕, 杨思春(1728)
一种基于层次聚类的全局孤立点识别方法	梁斌梅, 韦琳娜, 宋庆祯(1731)

软件技术研究

普适计算环境下的设备请求代理模型	王怀英, 黄东, 郑敏, 史兴国(1734)
基于联合训练的蛋白质互作用信息抽取方法	钱伟中, 邓蔚, 傅琳, 秦志光(1738)
基于本体知识库的自动语义标注	戚欣, 肖敏, 孙建鹏(1742)
基于概念格的数据挖掘方法在库存管理中的应用	王宇辉, 杨丽(1745)
支持 QoS 和用户需求的 Web 服务选择模糊算法	施荣荣, 周晓明, 郭成昊(1748)
一种多线程负载均衡分析方法研究	陈佐, 杨秋伟, 万新, 任小西(1752)
一种基于内置合约检查和可配置接口的软件测试技术	余金山, 刘志伟(1756)
一种基于位置量的位置索引压缩方法	陈建英, 刘心松(1761)
一种 K-means 聚类和超球结合的多类分类算法	鲍蕾, 黄曙光, 李永成(1764)
基于形式化规格说明的 UML 状态图提取	曾一, 周欣, 周吉(1767)

系统应用开发

上海世博会全球对地观测三维可视化系统设计与实现	王海宾, 杨引明, 杨雅燕, 朱雪松(1770)
-------------------------------	--------------------------

中文人称代词指代消解的研究	董国志, 朱玉全, 程显毅 (1774)
一种区域医疗信息一体化模型研究	张兰华, 薛绍伟, 李健, 唐一源 (1777)
基于 STN 的计划执行过程时间冲突检测与消解	汤罗浩, 朱承, 张维明 (1780)
神经网络内模控制在非线性时滞系统中的应用研究	韩超远, 董秀成 (1783)
针对离散电压处理器的动态电压调节策略	卜爱国 (1786)

网络与通信技术

一种支持多 QoS 约束的 Ad hoc 路由协议	郭剑, 孙力娟 (1789)
一种基于跨层功率控制的 Ad hoc 网络路由算法	黄浩军, 胡光岷, 于富财 (1793)
弃头和随机结合的被动队列管理	姜文刚, 孙金生, 王执铨 (1798)
面向新型业务的多维快速包分类算法研究	毕夏安, 张大方 (1802)
基于短包优先的动态阈值共享缓存管理策略的研究	许应新, 许都 (1805)
基于 Walsh 信号空间分解的 CPM 序列检测算法	钟凯, 葛临东, 巩克现 (1808)
一种支持实时业务 QoS 的跨层分组调度方案	刘阳, 季新生 (1810)
多信道 SW-ARQ 系统基于带休假的 M/G/1 排队模型时延性能分析	黎锁平, 周永强, 滕国宝, 李骏 (1813)
基于跨层优化的能量均衡 WSN 通信协议	沈明玉, 丁红雨 (1816)
LTE 双层网中 MIMO 技术性能分析	张亮亮, 张祖凡, 杨郑玉 (1819)
基于组合加权分簇的三维无线传感器网络覆盖控制方法	蒋鹏, 刘孝卿 (1824)
基于消息振荡及校验更新的改进 BP 译码算法	刘建豪, 赵洋茂, 包建荣 (1827)
WSNs 中基于改进定向扩散的移动 agent 机制研究与实现	姜飞, 史浩山, 徐志燕 (1831)
对等网络中应用事件代理实现基于主题的情报分发	周佳骏, 王峰, 马瑞兴, 李肖坚 (1835)
基于 NGPD 的 PaaS 平台研究与实现	谢浩晖, 高济 (1839)
基于约束 NMF 的欠定盲信号分离算法	赵知劲, 卢宏, 尚俊娜 (1843)
基于混合无线网状网协议的改进算法研究	何凌, 黄俊 (1846)
分布式计算平台中混合多应用调度策略的研究	覃德洋 (1850)
一种基于自定义以太网帧的高速数据传输协议及在成像系统中的应用	尚媛园, 徐达维, 杨新华, 张伟功, 韩宝媛 (1854)
利用 ACE 实现 UDP 可靠传输的设计与实现	陈剑鸿, 奚建清, 孙锦培, 陈登彪 (1857)
异构无线系统中一种改进的垂直切换方案	王伟, 景志宏, 陈鹏 (1861)
两端多状态网络可靠性的研究	王冰山, 宋月, 王玉梅 (1863)
光纤环网中建立数据传输模型的方法研究	孟保国, 张燕梅, 彭书萍 (1866)
一种新的云存储服务模型研究	刘金芝, 余丹, 朱率率 (1869)

信息安全技术

无线局域网非授权用户入侵行为分析及检测	王冠男, 李鸥, 刘洋 (1873)
依据流统计特性的报文分类规则集动态优化	杨赞, 杨林, 王保进, 张琨 (1878)
基于神经网络和 SNA 的 C2C 电子商务信誉欺诈识别研究	郑华, 吴克文, 朱庆芳 (1882)
一种改进的基于散列链的密钥分配方案	高威, 高铁杠 (1886)
针对 PRESENT 分组密码算法的代数分析	葛十景, 谷大武, 刘志强, 刘亚 (1889)
基于圆锥曲面反射映射的彩色图像盲水印方法	李岩山, 曹文明 (1894)
基于局部相关性的 LSB 匹配隐写分析	赵艳荣, 平西建, 熊钢 (1897)
以 Bol SipPhone 语音流为载体的信息隐藏方法实现	杨俊, 柏森, 黄永峰, 袁键 (1901)
一种基于混沌的图像 hash 算法	肖潇, 胡春强, 邓绍江 (1904)
C2 网络组织谣言传播的建模与仿真	王长春, 陈超, 杜正军 (1906)
基于 DSA 的无证书电子病历签名方案	冯江, 宋余庆, 陈健美, 邹为伟 (1910)
基于多木桶模型的信息安全量化评估方案	巫建文, 王涛, 徐凌魁, 黎春武 (1914)
一种基于模重写系统的攻击者推理方法	李大海, 韩继红, 王亚弟, 王静 (1918)
基于局部相关匹配的小波变换图像水印方法	胡蕾, 王冬庆, 万芳 (1922)
一种改进的魔方数字水印算法研究	许春阳, 周安民, 方勇, 刘亮 (1926)
用于图像认证和篡改检测的总键图像摘要	赵瑛, 魏为民 (1929)
一种基于社会网络的激励兼容的信任模型	罗柏发, 蔡国永 (1932)
具有自适应性的半脆弱数字水印算法	樊水良, 张会敏, 张云龙 (1937)
一种基于索引约束欠量量化的脆弱音频水印算法	周赟, 王让定 (1940)
实时监控下的动态远程证明模型	王宁, 吴振强, 符湘萍 (1943)
可生存的存储系统模型及其体系结构研究	汪晶晶, 杨晓元, 张薇, 潘晓中, 陈家勇 (1947)

图形图像技术

连续性约束下基于样例的图像修复算法	孙玉刚, 李开宇, 程卫平, 徐贵力 (1951)
基于多特征的目标轮廓跟踪	吴西燕, 董方敏, 刘勇, 蔡岭 (1954)
基于 CBP-TOP 特征的人脸表情识别	朱勇, 詹永照 (1957)
一种非线性降维算法在组合预测模型中的应用	吴孟俊, 刘建平, 牛玉刚 (1961)
非接触式掌纹图像采集光源的设计	苑玮琦, 孙洪 (1965)
基于区域纹理的运动目标检测方法	黄文丽, 范勇, 李绘卓, 薛琴, 唐遵烈, 熊平 (1968)
具有任意自由度的 B 样条非均匀细分	孙立骞, 刘扬, 赵强 (1972)
车载单线激光雷达成像分割及噪声检测算法	梁雄, 唐璇, 蔡自兴 (1975)
基于顺序形态学自适应边缘检测方法	闫海霞, 刘岩俊 (1978)
基于奇异值与提升小波的彩色图像水印算法	徐国荣, 王礼平 (1981)
基于两特征博弈的图像配准方法	鄢余武, 姚小强, 孙亚军 (1983)
基于模糊支持向量机的面向语义图像检索算法	黄文宇, 覃团发, 唐振华 (1987)
基于改进 snake 模型的图像中雨污去除算法研究	孙毅刚, 段晓晖, 张红颖, 于之增 (1991)
一种新的大规模复杂图像分割的谱聚类方法	李俊英, 汪西莉 (1994)
一种针对较厚书籍扫描图像的二值化方法	张伟, 刘志刚 (1998)

信息集萃

下期要目 (1773)

期刊基本参数: CN51-1196/TP * 1984 * m * A4 * 400 * zh * P * ¥30.00 * 4800 * 115 * 2011-05 * n

本期责任编辑 洪志全

Application Research of Computers

Vol. 28 No. 5 May 2011

Contents

Survey

Survey of data aggregation for wireless sensor networks	CHEN Zheng-yu, YANG Geng, CHEN Lei, <i>et al.</i> (1601)
Development of software security vulnerability discovery models	FENG Yong, FAN Ming-yu, LI Wei (1605)
Research on P2P-based DDoS attacks and their defense mechanism	LIU Min-xia, YU Jie, LI Qiang, <i>et al.</i> (1609)
Survey of privacy preserving data mining methods based on homomorphic encryption	QIAN Ping, WU Meng (1614)
Survey on melody extraction technique	LAN Tian, LI Yang, ZHONG Ting, <i>et al.</i> (1618)

Algorithm Research & Explorer

Research of binary tree's storage structure in DNA computer	ZHU Ya-li, LI Ken-li, XU Yu-ming (1623)
Chaos great deluge algorithm for function optimization problem	SHENG Hong-ping, MA Liang (1626)
Algorithm of upper and lower approximations based on matrix	LIU Cai-hui, MIAO Duo-qian (1628)
Study on hybrid particle swarm optimization algorithms	ZHANG Hui-yun, HUANG Xiao-wei, ZHANG Hong-hua, <i>et al.</i> (1631)
Target tracking algorithm based on improved extend Kalman particle filter	WANG Hua-jian, JING Zhan-rong, YANG Yan (1634)
Static parameter estimation for nonlinear system based on particle filter	ZHOU Fang-long, WANG Hao, YAO Hong-liang (1637)
Research on MFJSSP based on improved ant colony algorithm	LI Li, WANG Ke-qi (1640)
Dynamic adaptive weighted polymorphic ant colony algorithm for scheduling single batch-processing machine with non-identical job sizes	LI Fei, WANG Shu-feng, FENG Dong-qing (1644)
Improved ant colony algorithm for path planning of tourist scenic area	HU Jun-guo, QI Heng-nian, DONG Feng, <i>et al.</i> (1647)
Optimal model and algorithm for size of main functional area in distribution central	QIN Jin, NI Ling-lin, SHI Feng, <i>et al.</i> (1651)
Real coded genetic algorithms using of crossover operators in selected excellent germs	LIANG Ping, DONG Yong-dong (1655)
Toward recombination of building blocks based on CBR-GA	ZOU Peng, BI Ying-zhou, YANG Hu-lin, <i>et al.</i> (1658)
Research on argumentation-based multi-product negotiation model	JIANG Guo-rui, XU Yang-wei (1661)
Recommendation algorithm on feature extraction based on user interests	LIU Mei-lian, LIU Tong-cun, LI Xiao-long (1664)
Determination of optimal cluster number by FCM in complex economic systems	HE Yong (1668)
Clustering ensemble algorithm for categorical data	LI Tao-ying, CHEN Yan, ZHANG Jin-song, <i>et al.</i> (1671)
New algorithm based on resource map for directional sensor networks	LIU Meng, ZHANG Ke (1674)
Short-term traffic flow detection based on wavelet	LI Zhi-min, YI Liang-you, XUE Ping, <i>et al.</i> (1677)
New force feedback algorithm for teleoperation robot	HOU Jing-wei, ZHAO Ding-xuan, GONG Ming-de, <i>et al.</i> (1679)
Design and implementation of GPU-based parallel minimum spanning tree algorithm	GUO Shao-zhong, WANG Wei, WANG Lei (1682)
Incremental PSVM learning algorithm based on cloud model	JIN Zhu, MA Xiao-ping (1685)
Protein secondary structure co-training prediction method	LIU Jun, XIONG Zhong-yang, WANG Yin-hui (1688)
Study on bionic flexible workflow modeling and adaptation algorithm	WANG Ying-hui, WANG Dong-bo, WANG Zeng-lei, <i>et al.</i> (1692)
Adaptive hybrid particle swarm optimization algorithm and application	ZHANG Chao-long, JIANG Ju-lang, JIANG Shan-he, <i>et al.</i> (1696)
Partition clustering algorithm based on artificial bee colony principal	LIU Lei, WANG Hong-guo, SHAO Zeng-zhen, <i>et al.</i> (1699)
Optimization of aircraft flight control system based on improved multi-objective evolutionary algorithm	NIE Rui, ZHANG Wei-guo, LI Guang-wen, <i>et al.</i> (1703)
Novel gridchaos searching particle swarm optimization algorithm and its application in hydrothermal power resources scheduling	LI Xiao-xue (1707)
Improved Kalman filter algorithm in positioning system for autonomous mobile robot	ZENG Jian-ping, WANG Bao-tong, XIE Hai-qing (1710)
Bilateral dynamic negotiation model impact by irrational environment	CHENG Zhao-qian, WANG Hong-guo, SHAO Zeng-zhen, <i>et al.</i> (1713)
Uncertainty control of head shaking for virtual human based on cloud model	YANG Zhi-xiao, FAN Yan-feng (1718)
Novel clustering algorithm based on grid and density	XIONG Shi-yong (1721)
Solving complementarity problem based maximum-entropy harmony search algorithm	YONG Long-quan, SUN Pei-min, GAO Kai (1724)
Research for incremental updating algorithm for attribute reduction based on array	WANG Xiao-yan, YANG Si-chun (1728)
Global outlier detection based on hierarchical clustering	LIANG Bin-mei, WEI Lin-na, SONG Qing-zhen (1731)

Software Technology Research

Device request broker model in ubiquitous computing environment	WANG Huai-ying, HUANG Dong, ZHENG Min, <i>et al.</i> (1734)
Protein-protein interaction extraction method using co-training	QIAN Wei-zhong, DENG Wei, FU Chong, <i>et al.</i> (1738)
Automatic semantic annotation based on ontology and knowledge base	QI Xin, XIAO Min, SUN Jian-peng (1742)
Application of data mining based on concept lattice in inventory management	WANG Yu-hui, YANG Li (1745)
Web service selection fuzzy algorithm for QoS and user's requirements	SHI Rong-rong, ZHOU Xiao-ming, GUO Cheng-hao (1748)
Research on analyzing load equilibrium of multi-threads	CHEN Zuo, YANG Qiu-wei, WAN Xin, <i>et al.</i> (1752)
Software component testing technique based on built-in contract checking and configurable interface	YU Jin-shan, LIU Zhi-wei (1756)
Novel location-index compression mechanism based on bit vector	CHEN Jian-ying, LIU Xin-song (1761)
Multi-class classification method based on K-means cluster and hyper-sphere	BAO Lei, HUANG Shu-guang, LI Yong-cheng (1764)
UML state-chart extraction based on formal specification	ZENG Yi, ZHOU Xin, ZHOU Ji (1767)

System Development & Application

Design and realization of global earth observation visualization system in Shanghai Expo	WANG Hai-bin, YANG Yin-ming, YANG Ya-wei, <i>et al.</i> (1770)
Research on personal pronoun anaphora resolution in Chinese	DONG Guo-zhi, ZHU Yu-quan, CHENG Xian-yi (1774)
Model study on regional medical information incorporate	ZHANG Lan-hua, XUE Shao-wei, LI Jian, <i>et al.</i> (1777)
Temporal conflict detection and resolution in process of plan execution based on STN	TANG Luo-hao, ZHU Cheng, ZHANG Wei-ming (1780)
Applied research of neural network internal model control in nonlinear time-delay system	HAN Chao-yuan, DONG Xiu-cheng (1783)
Dynamic voltage scaling for processor with discrete voltage levels	BU Ai-guo (1786)

Network & Communication Technology

Multi-constraint QoS routing protocol for Ad hoc network	GUO Jian, SUN Li-juan (1789)
Cross-layer power controlled routing in wireless Ad hoc networks	HUANG Hao-jun, HU Guang-min, YU Fu-cai (1793)
Combination of randomly drop and drop front in passive queue management	JIANG Wen-gang, SUN Jin-sheng, WANG Zhi-quan (1798)
New service-oriented multi-dimensional fast packet classification algorithm	BI Xia-an, ZHANG Da-fang (1802)
Research on sharing buffer managing strategy of dynamic threshold based on short-packet first	XU Ying-xin, XU Du (1805)
Sequence detection algorithm for CPM based on Walsh signal space decomposition	ZHONG Kai, GE Lin-dong, GONG Ke-xian (1808)
Cross-layer packet scheduling scheme for supporting QoS of real-time services	LJU Yang, JI Xin-sheng (1810)
Analysis of delay performance of multichannel SW-ARQ based on M/G/1 model with vacation	LI Suo-ping, ZHOU Yong-qiang, TENG Guo-bao, et al. (1813)
Energy-balancing communication protocol based on cross-layer optimization for wireless sensor networks	SHEN Ming-yu, DING Hong-yu (1816)
Performance analysis of MIMO in two-tier LTE network	ZHANG Liang-liang, ZHANG Zu-fan, YANG Zheng-yu (1819)
Coverage method based on combined weighted clustering for 3D wireless sensor networks	JIANG Peng, LIU Xiao-qing (1824)
Modified BP decoding algorithm based on oscillation and check update	LIU Jian-hao, ZHAO Ze-mao, BAO Jian-rong (1827)
Research and implementation of improved direction diffused-based mobile agent mechanism for wireless sensor networks	JIANG Fei, SHI Hao-shan, XU Zhi-yan (1831)
Apply events broker to realize intelligence distribution based on subject in P2P network	ZHOU Jia-jun, WANG Feng, MA Rui-xing, et al. (1835)
Research and implementation of PaaS platform based on norm-governed and policy-driven autonomic model	XIE Hao-hui, GAO Ji (1839)
Algorithm for underdetermined blind signal separation based on constrained NMF	ZHAO Zhi-jin, LU Hong, SHANG Jun-na (1843)
Improved algorithm based on hybrid wireless mesh protocol	HE Ling, HUANG Jun (1846)
Research of mix multi-application scheduling policies in distributed computing platform	QIN De-ze (1850)
High-speed data transfer protocol based on custom Ethernet frame and its application in imaging system	SHANG Yuan-yuan, XU Da-wei, YANG Xin-hua, et al. (1854)
ACE based reliable UDP design and implementation	CHEN Jian-hong, XI Jian-qing, SUN Jin-pei, et al. (1857)
Improved vertical handoff scheme in heterogeneous wireless networks	WANG Wei, JING Zhi-hong, CHEN Peng (1861)
Study of two-terminal multi-state network reliability	WANG Bing-shan, SONG Yue, WANG Yu-mei (1863)
Establishing data transmission model in optical ring network	MENG Bao-guo, ZHANG Yan-mei, PENG Shu-ping (1866)
Research on new cloud storage service model	LIU Jin-zhi, YU Dan, ZHU Shuai-shuai (1869)

Information Security Technology

Behavior analysis and intrusion detection of illegal access to WLAN	WANG Guan-nan, LI Ou, LIU Yang (1873)
Dynamic optimization of packet classification rules organization based on Internet traffic statistical characters	YANG Zan, YANG Lin, WANG Bao-jin, et al. (1878)
Detection of C2C reputation fraud activities based on neural network and SNA	ZHENG Hua, WU Ke-wen, ZHU Qing-hua (1882)
Improved hash chain based key distribution scheme	GAO Wei, GAO Tie-gang (1886)
Algebraic attack on PRESENT cipher	GE Shi-jing, CU Da-wu, LIU Zhi-qiang, et al. (1889)
Blind color image watermarking method based on conic surface and reflection	LI Yan-shan, CAO Wen-ming (1894)
Steganalysis for LSB matching based on correlation of pixels in local regions	ZHAO Yan-rong, PING Xi-jian, XIONG Gang (1897)
Realization of steganography based on speech of Bol SipPhone	YANG Jun, BAI Sen, HUANG Yong-feng, et al. (1901)
Image hash algorithm based on chaos theory	XIAO Xiao, HU Chun-qiang, DENG Shao-jiang (1904)
Modeling and simulation of rumor spread in C2 network organization	WANG Chang-chun, CHEN Chao, DU Zheng-jun (1906)
Certificateless signature scheme of EMR based DSA	FENG Jiang, SONG Yu-qing, CHEN Jian-mei, et al. (1910)
Assessment method of information security based on multiple cask model	WU Jian-wen, WANG Tao, XU Ling-kui, et al. (1914)
Modular rewriting system based on method for intruder deduction	LI Da-hai, HAN Ji-hong, WANG Ya-di, et al. (1918)
Wavelet transform watermarking method based on local phase correlation	HU Lei, WANG Dong-qing, WAN Fang (1922)
Improved Rubik's cube digital watermarking algorithm	XU Chun-yang, ZHOU An-min, FANG Yong, et al. (1926)
Robust image hashing for image authentication and tampering detection	ZHAO Yan, WEI Wei-min (1929)
Incentive-compatible trust model based on social network	LUO Bo-fa, CAI Guo-yong (1932)
Self-adaptive semi-fragile digital watermarking algorithm	FAN Yong-liang, ZHANG Hui-min, ZHANG Yun-long (1937)
Fragile watermarking scheme based on index constrained vector quantization	ZHOU Yun, WANG Xiang-ding (1940)
Dynamic remote attestation model in real-time monitoring	WANG Ning, WU Zhen-qiang, FU Xiang-ping (1943)
Research on model of survivable storage system (SSS) and its architecture	WANG Jing-jing, YANG Xiao-yuan, ZHANG Wei, et al. (1947)

Graphics & Image Technology

Exemplar-based inpainting algorithm constrained by continuity	SUN Yu-gang, LJ Kai-yu, CHENG Wei-ping, et al. (1951)
Tracking object contour based on multiple features	WU Xi-yan, DONG Fang-min, LIU Yong, et al. (1954)
Facial expression recognition based on CBT-TOP features	ZHU Yong, ZHAN Yong-zhao (1957)
Application of nonlinear dimensional reduction algorithm in combination predictive model	WU Meng-jun, LIU Jian-ping, NIU Yu-gang (1961)
Design of light source structure for non-contrast palmprint images acquisition	YUAN Wei-qi, SUN Hong (1965)
Method of moving target detection based on region of textures	HUANG Wen-li, FAN Yong, LI Hui-zhuo, et al. (1968)
Non-uniform subdivision for B-splines of arbitrary degree	SUN Li-juan, LIU Yang, ZHAO Qiang (1972)
Vehicle-based single-line laser radar image segmentation and noise detection algorithm	LIANG Xiong, TANG Jin, CAI Zi-xing (1975)
Edge detection method based on adaptive order morphology filter	YAN Hai-xia, LIU Yan-jun (1978)
Color image watermark algorithm based on SVD and lifting wavelet transformation	XU Guo-rong, WANG Li-ping (1981)
Image registration based on two-feature game	YAN Yu-wu, YAO Xiao-qiang, SUN Ya-jun (1983)
Semantic-based image retrieval algorithm using fuzzy support vector machine	HUANG Wen-yu, QIN Tuan-fa, TANG Zhen-hua (1987)
Research on removal algorithm of rain and snow from images based on improved snake model	SUN Yi-gang, DUAN Xiao-ye, ZHANG Hong-ying, et al. (1991)
New spectral clustering method for large-scale complex image segmentation	LI Jun-ying, WANG Xi-li (1994)
Binarization method to scanning image of thicker book	ZHANG Wei, LIU Zhi-gang (1998)

Information

Important Contents of Next Issue (1773)

Serial parameters: CN51-1196/TP * 1984 * m * A4 * 400 * zh * P * Y30.00 * 4800 * 115 * 2011-05 * n

Responsible Editor HONG Zhi-quan