



JOURNAL OF IMAGE AND GRAPHICS

主办: 中国科学院遥感与数字地球研究所
中国图象图形学学会
北京应用物理与计算数学研究所

中国图象图形学报

2013
07
VOL.18

ISSN1006-8961
CN11-3758/TB



图像处理和编码

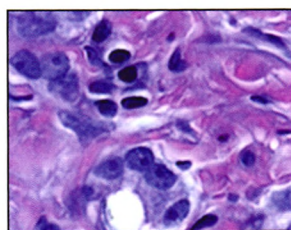
各向异性的均衡化网状扩散模型 熊辉, 赖剑煌	731
特征提取和匹配的图像倾斜校正 钟金荣, 杜奇才, 刘茛, 林嘉宇	738
先进边界区分噪声检测的改进算法 祁冰露, 黄宴委, 陈少斌	746
彩色纹理图像恢复的非局部TV模型 端金鸣, 潘振宽, 台雪成	753
相似性约束的视频超分辨率重建 张义轮, 干宗良, 朱秀昌	761



彩色纹理图像恢复的非局部TV模型 (第753页)

图像分析和识别

低质量指纹图像方向场提取 卞维新, 徐德琴, 俞庆英	768
方向微分块统计的运动模糊方向鉴别 李均利, 储诚曦	776
参数自适应的KPCA先验形状约束目标分割 沈霖, 李元祥, 周则明	783
基于Nyström密度值逼近的减法聚类 孙志海, 孔万增	790
空间目标检测序列图像中恒星目标抑制 黄宗福, 孙刚, 陈曾平	799



基于Nyström密度值逼近的减法聚类 (第790页)

图像理解和计算机视觉

人体动作的超兴趣点特征表述及识别 王扬扬, 李一波, 姬晓飞	805
轮廓编组中的线索合并模型 王娇, 罗四维, 钟晶晶, 邹琪	813
全局图像特征分析与实时层次化消失点检测 孙愿, 卢鸿波, 张志敏	818
彩色图像特征捆绑的自动模型构建 徐洁, 邓红霞, 李海芳	829

计算机图形学

偏离映射的烙画风格绘制 钱文华, 徐丹, 岳昆, 官铮, 普园媛	836
点云模型法矢调整优化算法 孙金虎, 周来水, 安鲁陵	844

医学图像处理

基于惩罚最大似然优化模型的各向异性约束磁共振成像方法 邓梁, 史仪凯, 张均田	852
RBF神经网络和阈值分割实现视网膜硬性渗出自动检测 高玮玮, 沈建新, 王玉亮	859



RBF神经网络和阈值分割实现视网膜硬性渗出自动检测 (第859页)

遥感图像处理

衡量结构保持性能的SAR图像去噪质量评价 唐益明, 杨学志	866
地面LiDAR数据中建筑轮廓和角点提取 童礼华, 程亮, 李满春, 陈焱明, 王亚飞, 张雯	876

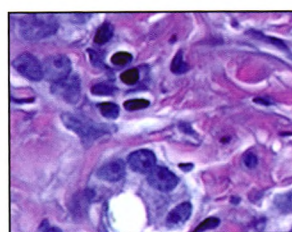
《中国图象图形学报》论文摘要写作要求	884
--------------------	-----

CONTENTS

JOURNAL OF IMAGE AND GRAPHICS



Non-Local TV models for restoration of color texture images (P753)



Density value approximation for subtractive clustering based on Nyström method (P790)



Automatic detection of hard exudates based on RBF neural network and threshold segmentation (P859)

Image Processing and Coding

Equalized net diffusion model based on the anisotropy diffusion Xiong Hui, Lai Jianhuang	731
Robust method of skew correction based on feature points matching Zhong Jinrong, Du Qicai, Liu Ying, Lin Jiayu	738
Modification of advanced boundary discriminative noise detection algorithm Qi Binglu, Huang Yanwei, Chen Shaobin	746
Non-Local TV models for restoration of color texture images Duan Jinming, Pan Zhenkuan, Tai Xuecheng	753
Video super-resolution method based on similarity constraints Zhang Yilun, Gan Zongliang, Zhu Xiuchang	761

Image Analysis and Recognition

The orientation field extraction method for low quality fingerprints Bian Weixin, Xu Deqin, Yu Qingying	768
Identification of motion blur direction from motion blurred image by directional derivation and block statistics Li Junli, Chu Chengxi	776
Shape prior constrained KPCA object segmentation with parameter adaption Shen Ji, Li Yuanxiang, Zhou Zeming	783
Density value approximation for subtractive clustering based on Nyström method Sun Zhihai, Kong Wanzeng	790
Stellar targets suppression in image sequences for space targets detection Huang Zongfu, Sun Gang, Chen Zengping	799

Image Understanding and Computer Vision

Human action recognition based on super-interest points features Wang Yangyang, Li Yibo, Ji Xiaofei	805
Cue combination model for contour grouping Wang Jiao, Luo Siwei, Zhong Jingjing, Zou Qi	813
Hierarchical real-time vanishing point detection based on holistic image feature Sun Yuan, Lu Hongbo, Zhang Zhimin	818
Construction of the automatic model for feature binding of color image Xu Jie, Deng Hongxia, Li Haifang	829

Computer Graphics

Rendering pyrography style painting based on deviation mapping Qian Wenhua, Xu Dan, Yue Kun, Guan Zheng, Pu Yuanyuan	836
Optimal algorithm for normal adjustment of point clouds Sun Jinhu, Zhou Laishui, An Luling	844

Medical Image Processing

Anisotropically constrained MR imaging based on penalized maximum likelihood optimality model Deng Liang, Shi Yikai, Zhang Juntian	852
Automatic detection of hard exudates based on RBF neural network and threshold segmentation Gao Weiwei, Shen Jianxin, Wang Yuliang	859

Remote Sensing Image Processing

Image quality assessment of SAR image despeckling for measuring structure-preserving capability Tang Yiming, Yang Xuezhong	866
Extraction of building contours and corners from terrestrial LiDAR data Tong Lihua, Cheng Liang, Li Manchun, Chen Yanming, Wang Yafei, Zhang Wen	876