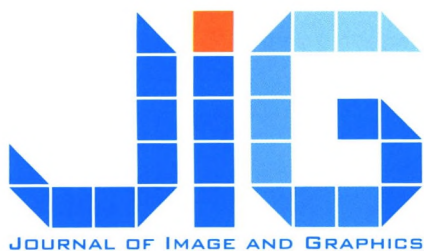




QK1930025



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

中国图象学报 图形学报

2019
07
VOL.24

ISSN1006-8961
CN11-3758/TB



手势识别 P1067

学者观点

近年目标跟踪算法短评——相关滤波与深度学习

孟璟, 李诚新 1011

综述

主动目标几何建模研究方法综述

孔研自, 朱枫, 郝颖明, 吴清潇, 鲁荣荣 1017

3D打印模型版权保护技术研究进展

冯小青, 李黎, 王继林, 董克明, 刘亚楠, 严素蓉 1028

图像处理和编码

两阶段多层感知的随机脉冲噪声比例预测

于海雯, 易昕炜, 徐少平, 张贵珍, 刘婷云 1042

相似匹配块组的稀疏表示图像修复

楼幸欣, 唐向宏, 张越 1055

图像分析和识别

结合聚合通道特征和双树复小波变换的手势识别

鲍文霞, 解栋文, 朱明, 梁栋 1067

结合加权局部旋度模式的3维人脸表情识别

余璟, 达飞鹏 1076

结合迁移学习的轻量级指纹分类模型

甘俊英, 戚玲, 秦传波, 何国辉 1086

融合深度特征和多核增强学习的显著目标检测算法

张晴, 李云, 李文举, 林家骏, 肖莽, 陈飞云 1096

结合连续卷积算子的自适应加权目标跟踪算法

罗会兰, 石武 1106

注意力迁移的联合平衡领域自适应

汪荣贵, 姚旭晨, 杨娟, 薛丽霞 1116

联合标签预测与判别投影学习的半监督典型相关分析

周凯伟, 万建武, 王洪元, 马宏亮 1126

多模态深度神经网络的固废对象分割

张剑华, 陈嘉伟, 张少波, 郭建双, 刘盛 1136

图像理解和计算机视觉

利用点弦距离递归的图像角点检测算法

李云红, 何亚瑞, 章为川, 周小计 1148

RGB-D结构相似性度量下的多边自适应深度图像超分辨率重建

李青松, 张旭东, 张骏, 高欣健, 高隼 1160

面向像对直线特征匹配的线特征矫正与提纯方法

贾迪, 李玉秀, 赵明远, 朱宁丹 1176

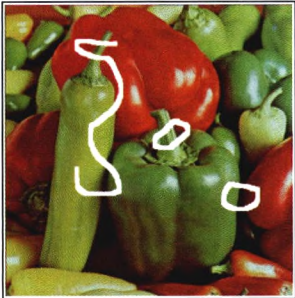
结合颜色属性的分层结构直方图

岳晨晨, 侯志强, 余旺盛, 马素刚 1188

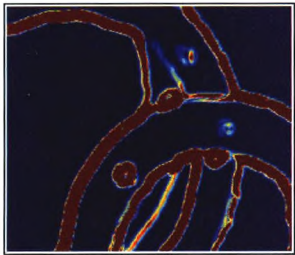
遥感图像处理

区域筛选与多级特征判别相结合的PolSAR图像飞机目标检测

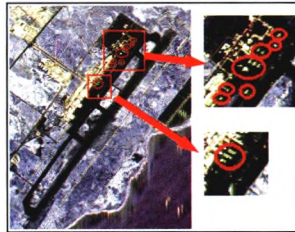
韩萍, 宋厅华 1197



相似匹配块组的稀疏表示图像修复(第1055页)



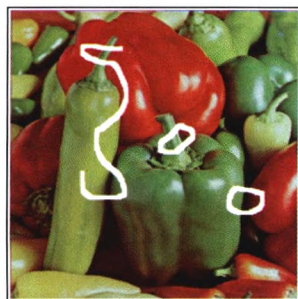
RGB-D结构相似性度量下的多边自适应深度图像超分辨率重建(第1160页)



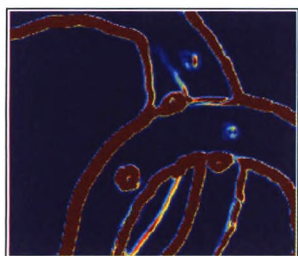
区域筛选与多级特征判别相结合的PolSAR图像飞机目标检测(第1197页)

CONTENTS

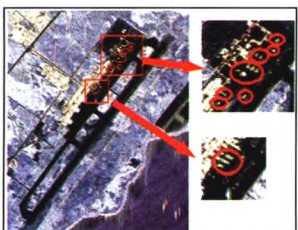
JOURNAL OF IMAGE AND GRAPHICS



Sparsity image inpainting algorithm based on similar patch group(P1055)



Multilateral adaptive depth image super-resolution reconstruction via RGB-D structure similarity measure(P1160)



Aircraft target detection of PolSAR image combined with regional screening and multi-feature discriminant(P1197)

Scholar View

- Brief review of object tracking algorithms in recent years: correlated filtering and deep learning
Meng Lu, Li Chengxin 1011

Review

- Active geometric reconstruction methods for objects: a survey
Kong Yanzi, Zhu Feng, Hao Yingming, Wu Qingxiao, Lu Rongrong 1017
- Research progress on copyright protection technology of 3D printing model
Feng Xiaoqing, Li Li, Wang Jilin, Dong Keming, Liu Yanan, Yan Surong 1028

Image Processing and Coding

- Two-stage multi-layer perceptron estimation for random-valued impulse noise ratio
Yu Haiwen, Yi Xinwei, Xu Shaoping, Zhang Guizhen, Liu Tingyun 1042
- Sparsity image inpainting algorithm based on similar patch group
Lou Xingxin, Tang Xianghong, Zhang Yue 1055

Image Analysis and Recognition

- Gesture recognition based on aggregate channel feature and dual-tree complex wavelet transform
Bao Wenxia, Xie Dongwen, Zhu Ming, Liang Dong 1067
- 3D facial expression recognition based on weighted local curl patterns
Yu Jing, Da Feipeng 1076
- Light weight fingerprint classification model combined with transfer learning
Gan Junying, Qi Ling, Qin Chuanbo, He Guohui 1086
- Salient object detection via deep features and multiple kernel boosting learning
Zhang Qing, Li Yun, Li Wenju, Lin Jiajun, Xiao Mang, Chen Feiyun 1096
- Adaptive weighted object tracking algorithm with continuous convolution operator
Luo Huilan, Shi Wu 1106
- Learning transferrable attention for joint balanced domain adaptation
Wang Ronggui, Yao Xuchen, Yang Juan, Xue Lixia 1116
- Joint label prediction and discriminant projection learning for semi-supervised canonical correlation analysis
Zhou Kaiwei, Wan Jianwu, Wang Hongyuan, Ma Hongliang 1126
- Multimodal deep neural network for construction waste object segmentation
Zhang Jianhua, Chen Jiawei, Zhang Shaobo, Guo Jianshuang, Liu Sheng 1136

Image Understanding and Computer Vision

- Image corner detection using recursively maximum point-to-chord distance
Li Yunhong, He Yarui, Zhang Weichuan, Zhou Xiaoji 1148
- Multilateral adaptive depth image super-resolution reconstruction via RGB-D structure similarity measure
Li Qingsong, Zhang Xudong, Zhang Jun, Gao Xinjian, Gao Jun 1160
- Line feature correction and purification for matching straight lines of image pair
Jia Di, Li Yuxiu, Zhao Mingyuan, Zhu Ningdan 1176
- Hierarchical structure histogram combined with color name
Yue Chenchen, Hou Zhiqiang, Yu Wangsheng, Ma Sugang 1188

Remote Sensing Image Processing

- Aircraft target detection of PolSAR image combined with regional screening and multi-feature discriminant
Han Ping, Song Tinghua 1197



JOURNAL OF IMAGE AND GRAPHICS

中国图象图形学报

www.cjig.cn

一尺窗 一世界

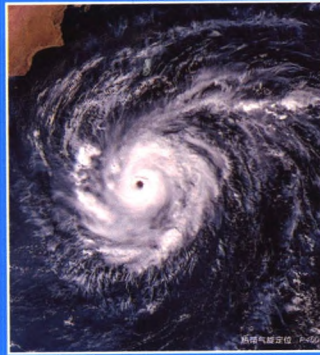
2018年封面图片



第1期 虹膜人种分类



第2期 图像盲复原



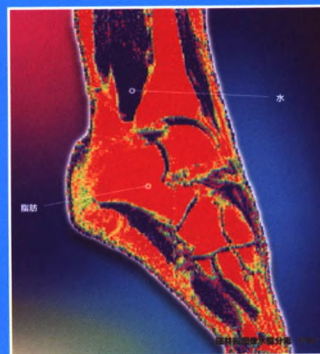
第3期 热带气旋定位



第4期 糖网病变诊断



第5期 内容感知图像缩放



第6期 磁共振图像水脂分离



第7期 海量建筑绘制



第8期 多模感知文物呈现



第9期 靠岸舰船检测



第10期 肺部CT图像分割



第11期 图像纹理滤波



第12期 单图超分辨率重建



ISSN 1006-8961

