

QK1714147

2017
07
VOL.22

ISSN1006-8961
CN11-3758/TB

中国图象学报 图形学报



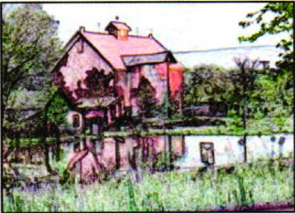
JOURNAL OF IMAGE AND GRAPHICS

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



车流运动仿真 P969

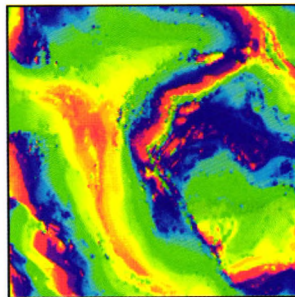
万方数据



线积分卷积与双色调映射相结合的彩色素描模拟方法
(第875页)



结合四元数与最小核值相似区的边缘检测(第915页)



残差点退化的统计费用网络流机载相位解缠算法
(第1008页)

图像处理和编码

屏幕内容索引图的马尔可夫预测算法

宋传鸣, 何兴, 傅博, 王相海 863

线积分卷积与双色调映射相结合的彩色素描模拟方法

潘龙, 纪庆革, 陈靖 875

家装设计渲染图增强

戴雨彤, 姜晓彤, 唐慧 886

结合天空检测与纹理平滑的图像去雾

沈逸云, 邵雅琪, 刘春晓, 周华健, 赵锦威 897

图像分析和识别

分类错误指导的分层B-CNN模型用于细粒度分类

沈海鸿, 杨兴, 汪凌峰, 潘春洪 906

结合四元数与最小核值相似区的边缘检测

李姗姗, 陈莉, 张永新, 尹化荣, 袁娅婷 915

结合分水岭的纹理梯度各向异性图像分割

冀甜甜, 崔嘉, 董新锋, 贺云隆, 郑元杰 926

图像理解和计算机视觉

三焦点张量重投影视频稳像算法

王敬东, 薛重飞, 魏雪迎, 刘云霄 935

视觉感知正反馈的显著性检测

吴祯, 潘晨, 殷海兵 946

定位图像匹配尺度与区域的摄像机位姿态实时跟踪

苗菁华, 孙延奎 957

计算机图形学

可变形网格引导的群体队形仿真

李祖宁, 何武 969

医学图像处理

动态功能脑网络模型的多任务融合Lasso方法

王鑫, 任燕双, 张文生 978

遥感图像处理

利用包含度和隶属度的遥感影像模糊分割

赵泉华, 刘冬, 李晓丽, 李玉 988

高分辨卫星图像卷积神经网络分类模型

周明非, 汪西莉, 王磊, 陈粉 996

残差点退化的统计费用网络流机载相位解缠算法

刘怡君, 韩春明, 岳昔娟 1008

CONTENTS

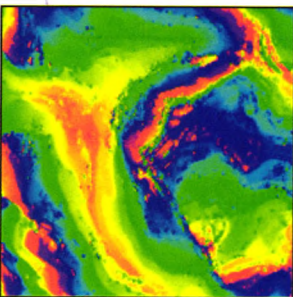
JOURNAL OF IMAGE AND GRAPHICS



Color sketch simulation combining line integral convolution with duotones color reproduction technique (P875)



The edge detection algorithm combining smallest univalue segment assimilating nucleus and quaternion(P915)



Residue degradation statistical-cost network-flow phase unwrapping algorithm for airborne SAR interferometry(P1008)

Image Processing and Coding

Markov prediction algorithm of the index map of screen content	
Song Chuanming, He Xing, Fu Bo, Wang Xianghai	863
Color sketch simulation combining line integral convolution with duotones color reproduction technique	
Pan Long, Ji Qingge, Chen Jing	875
Enhancement of the rendered images of home decoration design	
Dai Yutong, Jiang Xiaotong, Tang Hui	886
Integrating sky detection with texture smoothing for image defogging	
Shen Yiyun, Shao Yaqi, Liu Chunxiao, Zhou Huajian, Zhao Jinwei	897

Image Analysis and Recognition

Hierarchical B-CNN model guided by classification error for fine-grained classification	
Shen Haihong, Yang Xing, Wang Lingfeng, Pan Chunhong	906
The edge detection algorithm combining smallest univalue segment assimilating nucleus and quaternion	
Li Shanshan, Chen Li, Zhang Yongxin, Yin Huarong, Yuan Yating	915
Image segmentation by combining the watershed algorithm and anisotropic texture gradients	
Ji Tiantian, Cui Jia, Dong Xinfeng, He Yunlong, Zheng Yuanjie	926

Image Understanding and Computer Vision

Video stabilization algorithm using trifocal tensor reprojection	
Wang Jingdong, Xue Chongfei, Wei Xueyin, Liu Yunxiao	935
Novel saliency detection based on positive feedback of visual perception	
Wu Zhen, Pan Chen, Yin Haibing	946
Real-time camera pose tracking with locating image patching scales and regions	
Miao Jinghua, Sun Yankui	957

Computer Graphics

Deformable guiding mesh-based simulation of group formation	
Li Zuning, He Wu	969

Medical Image Processing

Multi-task fused Lasso method for constructing dynamic functional brain network of resting-state fMRI	
Wang Xin, Ren Yanshuang, Zhang Wensheng	978

Remote Sensing Image Processing

Fuzzy segmentation algorithm for remote sensing images using inclusion degree and membership degree	
Zhao Quanhua, Liu Dong, Li Xiaoli, Li Yu	988
Convolutional neural network models for high spatial resolution satellite imagery classification	
Zhou Mingfei, Wang Xili, Wang Lei, Chen Fen	996
Residue degradation statistical-cost network-flow phase unwrapping algorithm for airborne SAR interferometry	
Liu Yijun, Han Chunming, Yue Xijuan	1008



JOURNAL OF IMAGE AND GRAPHICS

中国图象图形学报

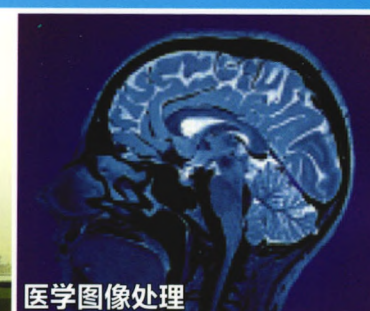
www.cjig.cn



图像识别



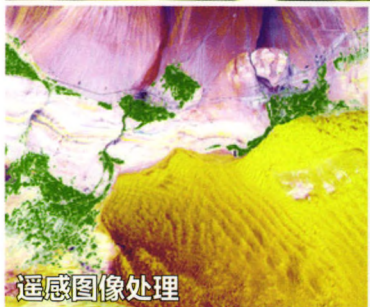
计算机辅助设计



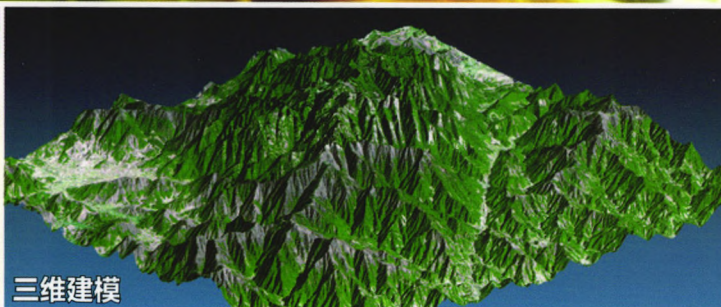
医学图像处理



数字娱乐与计算机动画



遥感图像处理



三维建模



图像采集



ISSN 1006-8961



9 771006 896171

07>