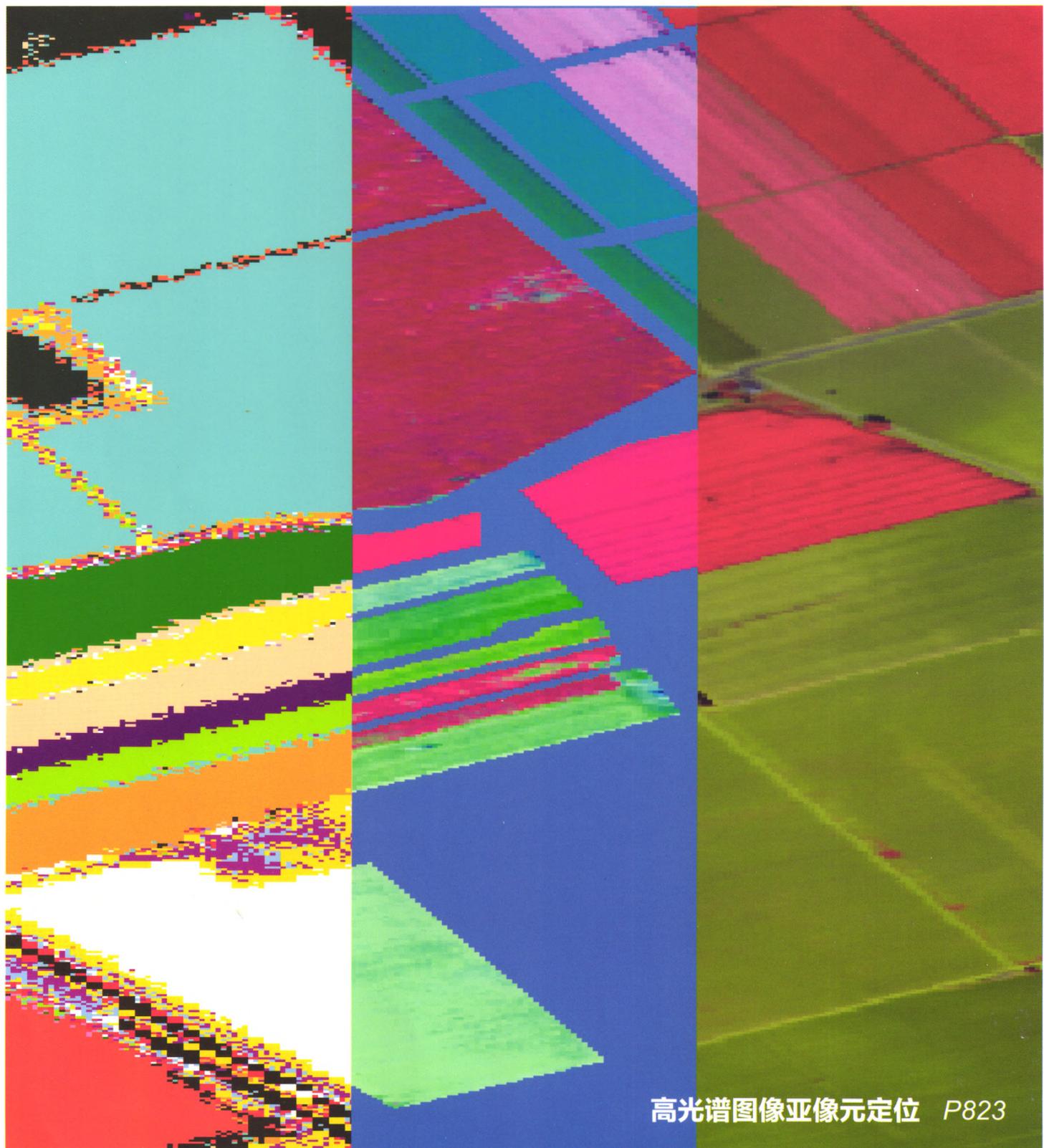


主办: 中国科学院遥感与数字地球研究所
中国图象图形学学会
北京应用物理与计算数学研究所

中国图象 图形学报

2016
06
VOL.21

ISSN1006-8961
CN11-3758/TB



图像处理和编码



视觉注意机制下结合语义特征的行人检测(第723页)

区域拟合的背景去除图像分割模型

- 陈鹏翔, 杨殿院 683

多模图像交叉双域滤波算法

- 魏宁, 杨元琴, 董方敏 691

整合ChaCha20哈希运算的分块扩散自适应图像加密算法

- 宋金林, 张绍武 698

视觉信息损失先验的图像分层去雾方法

- 胡子昂, 王卫星, 陆健强, 石颖 711

图像分析和识别

视觉注意机制下结合语义特征的行人检测

- 黎宁, 龚元, 许碧苓, 顾晓蓉, 徐涛, Zhou Huiyu 723

城市交叉路口背景提取与车道标定算法

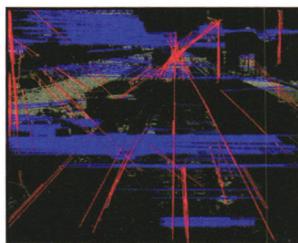
- 高飞, 梅凯城, 高炎, 卢书芳, 肖刚 734

利用选择性模型不定时更新的视觉跟踪算法

- 范舜奕, 管桦, 侯志强, 余旺盛, 戴铂 745

偏振编码方式的LDP人脸识别算法

- 魏莉, 蒋建国, 齐美彬 756



城市交叉路口背景提取与车道标定算法(第734页)

图像理解和计算机视觉

多重约束下的近景影像线特征匹配方法

- 宋伟东, 朱红, 王竞雪, 刘玉轩 764

动态背景下的稀疏光流目标提取与跟踪

- 兰红, 周伟, 齐彦丽 771

张量核范数回归的目标跟踪

- 亚森江·木沙, 木合塔尔·克力木, 赵春霞 781

计算机图形学

约束规则下的城市线路变形

- 路强, 梁翀, 曹书博, 谭琳 796



约束规则下的城市线路变形(第796页)

虚拟现实与增强现实

快速3维坐标变换的绘制算法

- 汪辉, 彭宗举, 焦仁直, 陈芬, 郁梅, 蒋刚毅 805

医学图像处理

GPU加速的交互式医学CT图像区域分割

- 曹小鹏, 董梁 815

遥感图像处理

基于目标优化的高光谱图像亚像元定位

- 赵辽英, 范明阳, 厉小润, 陈辰 823

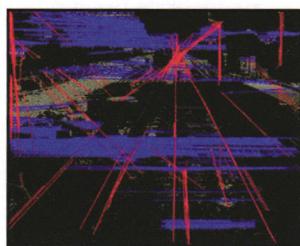
- 第十八届全国图象图形学学术会议 (NCIG 2016) 征稿通知 834

CONTENTS

JOURNAL OF IMAGE AND GRAPHICS



Semantic feature-based visual attention model for pedestrian detection (P723)



Algorithm of intersection background extraction and driveway calibration (P734)



Deformation of city lines based on constraint rules(P796)

Image Processing and Coding

Fast image segmentation based on region-scalable fitting background removal model Chen Pengxiang, Yang Shengyuan	683
Cross dual-domain filter for denoising multi-mode images Wei Ning, Yang Yuanqin, Dong Fangmin	691
Adaptive image encryption algorithm of blocking diffusion based on the ChaCha20 hash operation Song Jinlin, Zhang Shaowu	698
Image dehazing using visual information loss prior Hu Zi'ang, Wang Weixing, Lu Jianqiang, Shi Ying	711

Image Analysis and Recognition

Semantic feature-based visual attention model for pedestrian detection Li Ning, Gong Yuan, Xu Junling, Gu Xiaorong, Xu Tao, Zhou Huiyu	723
Algorithm of intersection background extraction and driveway calibration Gao Fei, Mei Kaicheng, Gao Yan, Lu Shufang, Xiao Gang	734
Robust visual tracking based on periodic updates of the selective model Fan Shunyi, Guan Hua, Hou Zhiqiang, Yu Wangsheng, Dai Bo	745
LDP face recognition algorithm based on polarization encoding Wei Li, Jiang Jianguo, Qi Meibin	756

Image Understanding and Computer Vision

Line feature matching method based on multiple constraints for close-range images Song Weidong, Zhu Hong, Wang Jingxue, Liu Yuxuan	764
Sparse optical flow target extraction and tracking in dynamic backgrounds Lan Hong, Zhou Wei, Qi Yanli	771
Robust object tracking via tensor nuclear-norm matrix regression Yasin Musa, Muhtar Kerim, Zhao Chunxia	781

Computer Graphics

Deformation of city lines based on constraint rules Lu Qiang, Liang Chong, Cao Shubo, Tan Xiao	796
---	-----

Virtual Reality and Augmented Reality

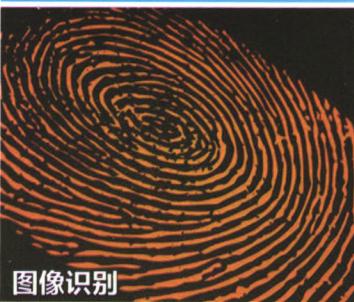
Fast 3D-warping algorithm for depth image based rendering Wang Hui, Peng Zongju, Jiao Renzhi, Chen Fen, Yu Mei, Jiang Gangyi	805
---	-----

Medical Image Processing

GPU-accelerated interactive medical CT image segmentation Cao Xiaopeng, Dong Liang	815
---	-----

Remote Sensing Image Processing

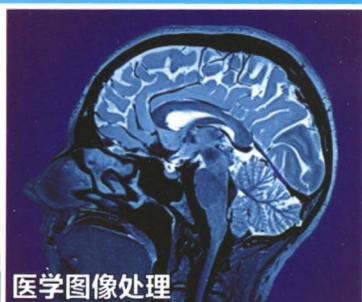
Sub-pixel mapping of hyperspectral imagery based on object optimization Zhao Liaoing, Fan Mingyang, Li Xiaorun, Chen Chen	823
--	-----



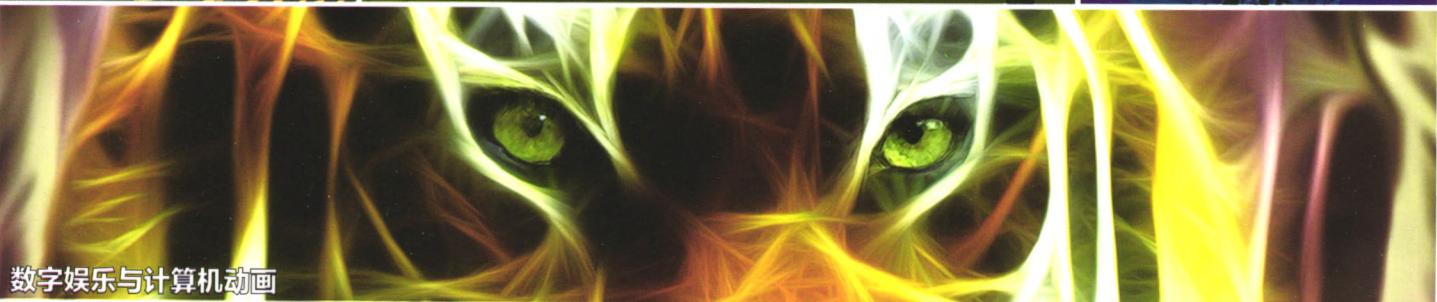
图像识别



计算机辅助设计



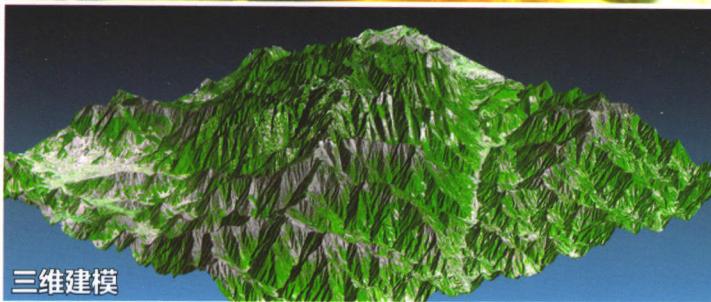
医学图像处理



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 896164