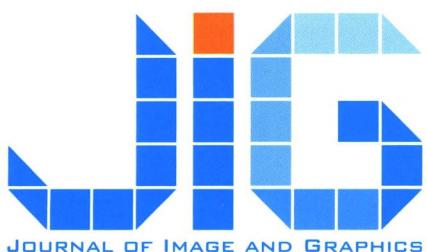




Q K 1 9 3 8 6 0 8

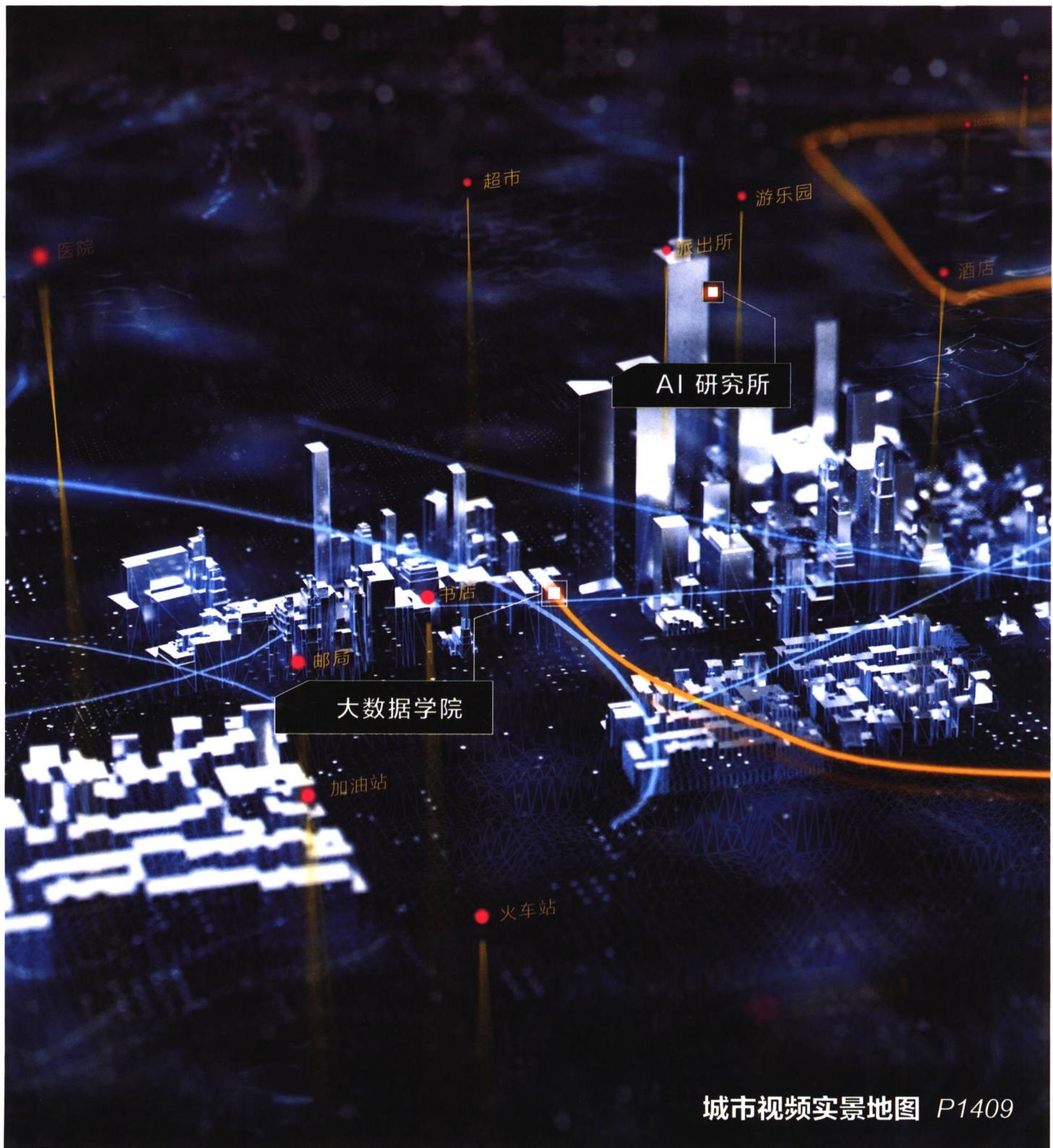


JOURNAL OF IMAGE AND GRAPHICS
主办：中国科学院遥感与数字地球研究所
中国图象图形学学会
北京应用物理与计算数学研究所

中国图象 图形学报

2019
09
VOL.24

ISSN1006-8961
CN11-3758/TB



学者观点**城市视频实景地图构建初探**

吴军, 刘祺昌, 黄明益 1409

综述**单幅光学遥感影像去雾算法及评价综述**

姜侯, 吕宁 1416

图像处理和编码**弥散加权图像的鲁棒水印算法研究**

陈怡, 李智, 张健, 王国美 1434

图像分析和识别**线性动态系统反演模型在人体行为识别的应用**

丁文文, 刘凯, 唐风琴, 傅绪加 1450

增强边缘梯度特征局部量化策略驱动下的车标识别

余烨, 徐京涛, 贺敏雪, 路强 1458

欧元硬币年份检测与识别

郭雪峰, 陈红磊, 张东波 1472

结合网格密度聚类的行人检测候选域生成

成科扬, 周博文, 李世超, 孙爽 1482

稀疏深度特征对传统显著性检测的优化

洪施展, 曹铁勇, 方正, 项圣凯 1493

高填方渠道坡面破损的多尺度特征提取

刘明堂, 王丽, 张来胜, 秦泽宁, 刘佳琪, 陈健 1504

代表特征网络的小样本学习方法

汪荣贵, 郑岩, 杨娟, 薛丽霞 1514

多层校正的无监督领域自适应方法

姚明海, 方存亮 1528

图像理解和计算机视觉**双目区域视差快速计算及测距算法**

仲伟波, 姚旭洋, 冯友兵, 孙雨婷, 姚徐 1537

融合结构与非结构信息的自然图像恰可察觉失真阈值估计

许辰, 骆挺, 蒋刚毅, 郁梅, 姜求平, 徐海勇 1546

虚拟现实和增强现实**辅助社交训练严肃游戏中虚拟角色行为表现的不确定性模型**

吴佳佳, 刘箴, 刘婷婷, 王瑾 1558

医学图像处理**U-net与Dense-net相结合的视网膜血管提取**

徐光柱, 胡松, 陈莎, 陈鹏, 周军, 雷帮军 1569

多尺度判别条件生成对抗网络的前列腺MRI图像分割方法

何俊, 吴从中, 丁正龙, 许良凤, 詹曙 1581

双重字典学习与自适应PCNN相结合的医学图像融合

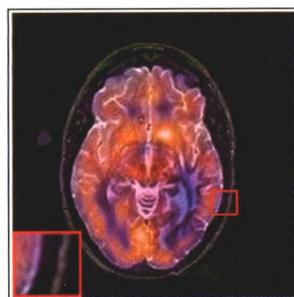
王丽芳, 奚杰亮, 秦品乐, 蔺素珍, 高媛, 张程程 1588

遥感图像处理**提高小样本高光谱图像分类性能的变维卷积神经网络**

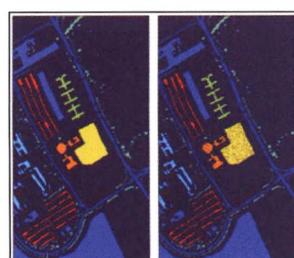
刘万军, 尹岫, 曲海成, 刘腊梅 1604



双目区域视差快速计算及测距算法(第1537页)



双重字典学习与自适应PCNN相结合的医学图像融合
(第1588页)



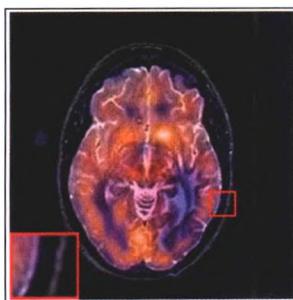
提高小样本高光谱图像分类性能的变维卷积神经网络
(第1604页)

CONTENTS

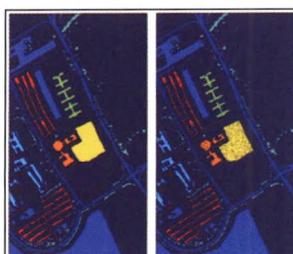
JOURNAL OF IMAGE AND GRAPHICS



Rapid calculation and ranging algorithm based on binocular region parallax(P1537)



Medical image fusion using double dictionary learning and adaptive PCNN(P1588)



Dimensionality-varied convolutional neural network for improving the classification performance of hyperspectral images with small-sized labeled samples (P1604)

Scholar View

- Preliminary exploration on the construction of urban video real-scene map
Wu Jun, Liu Qichang, Huang Mingyi 1409

Review

- Overview of single image-based haze removal method for visible remote sensing images
Jiang Hou, Lu Ning 1416

Image Processing and Coding

- Robust watermarking algorithm for diffusion weighted images
Chen Yi, Li Zhi, Zhang Jian, Wang Guomei 1434

Image Analysis and Recognition

- Inversion model of linear dynamic system for human action recognition
Ding Wenwen, Liu Kai, Tang Fengqin, Fu Xujia 1450
- Vehicle logo recognition based on local quantization of enhanced edge gradient features
Yu Ye, Xu Jingtao, He Minxue, Lu Qiang 1458
- Detection and recognition of Euro coins year
Guo Xuefeng, Chen Honglei, Zhang Dongbo 1472
- Candidate domain generation for pedestrian detection combined with grid density clustering
Cheng Keyang, Zhou Bowen, Li Shichao, Sun Shuang 1482
- Optimization of traditional saliency detection by sparse depth features
Hong Shizhan, Cao Tieyong, Fang Zheng, Xiang Shengkai 1493
- Multi-scale feature extraction of slope damage in high fill channels
Liu Mingtang, Wang Li, Zhang Laisheng, Qin Zening, Liu Jiaqi, Chen Jian 1504
- Representative feature networks for few-shot learning
Wang Ronggui, Zheng Yan, Yang Juan, Xue Lixia 1514
- Unsupervised domain adaptive method based on multi-layer correction
Yao Minghai, Fang Cunliang 1528

Image Understanding and Computer Vision

- Rapid calculation and ranging algorithm based on binocular region parallax
Zhong Weibo, Yao Xuyang, Feng Youbing, Sun Yuting, Yao Xu 1537
- Just distortion threshold estimation on natural images using fusion of structured and unstructured information
Xu Chen, Luo Ting, Jiang Gangyi, Yu Mei, Jiang Qiuping, Xu Haiyong 1546

Virtual Reality and Augmented Reality

- Uncertainty model to generate virtual characters' behavior in serious games for social training
Wu Jiajia, Liu Zhen, Liu Tingting, Wang Jin 1558

Medical Image Processing

- Retinal blood vessel extraction by combining U-net and Dense-net
Xu Guangzhu, Hu Song, Chen Sha, Chen Peng, Zhou Jun, Lei Bangjun 1569
- Prostate MRI segmentation by using conditional generative adversarial networks with multi-scale discriminators
He Jun, Wu Congzhong, Ding Zhenglong, Xu Liangfeng, Zhan Shu 1581
- Medical image fusion using double dictionary learning and adaptive PCNN
Wang Lifang, Dou Jieliang, Qin Pinle, Lin Suzhen, Gao Yuan, Zhang Chengcheng 1588

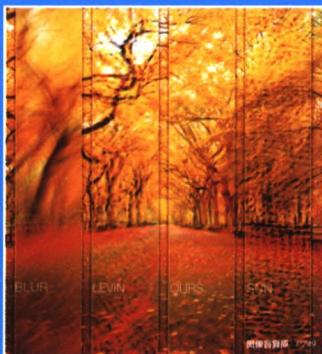
Remote Sensing Image Processing

- Dimensionality-varied convolutional neural network for improving the classification performance of hyperspectral images with small-sized labeled samples
Liu Wanjun, Yin Xiu, Qu Haicheng, Liu Lamei 1604

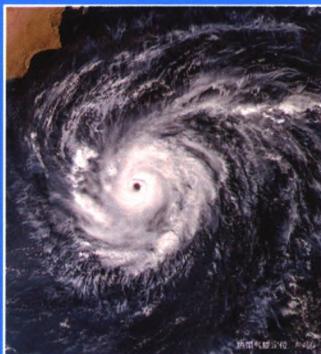
一尺窗 一世界
2018年封面图片



第1期 虹膜人种分类



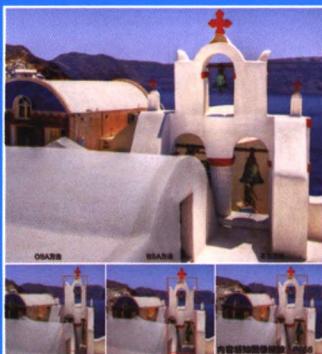
第2期 图像盲复原



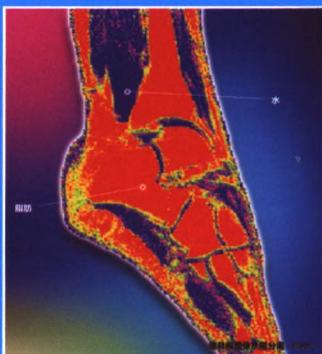
第3期 热带气旋定位



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



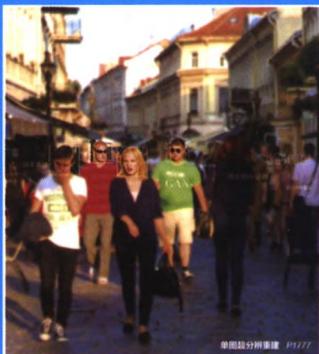
第9期 靠岸舰船检测



第10期 肺部CT图像分割



第11期 图像纹理滤波



第12期 单图超分辨重建

