



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

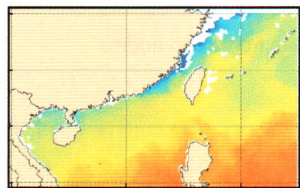
中国图象图形学报

2017
06
VOL.22

ISSN1006-8961
CN11-3758/TB



汉字骨架提取 P833



遥感图像中尺度海洋锋及涡旋提取方法研究进展
(第709页)



利用高斯调变函数视觉编码QR码(第741页)



最大边缘方向模式直方图
(第852页)

综述

遥感图像中尺度海洋锋及涡旋提取方法研究进展

黎安舟, 周为峰, 范秀梅 709

图像处理和编码

图像块的不可见性与鲁棒性均衡水印算法

齐向明, 高婷 719

非负局部Laplacian稀疏编码和上下文信息的图像分类

万源, 史莹, 陈晓丽 731

利用高斯调变函数视觉编码QR码

郭兴华, 朱小刚 741

融合方向特性与不确定性的脉冲噪声滤波

齐现英, 刘伯强, 徐建伟, 宋莉 754

自适应分数阶变分去泊松噪声新模型

谢斌, 刘壮, 丁成军 767

改进权值非局部均值超声图像去噪

郑渊悦, 徐铭恩, 王玲 778

修正大气耗散函数的单幅图像去雾

陈丹丹, 陈莉, 张永新, 严寒 787

图像分析和识别

Log-Gabor梯度方向下的角点检测

高华 797

梯度分层重构的彩色图像分水岭分割

王娅, 周海林, 叶建兵, 谭沈阳 807

判别稀疏表示鲁棒快速视觉跟踪

刘文琢, 袁广林, 薛模根 815

灰度序模式的局部特征描述算法

胡敬双, 聂洪玉 824

局部关联度最优的手写汉字骨架提取

周正扬, 詹恩奇, 郑建彬, 胡华成 833

图像理解和计算机视觉

结合最佳缝合线和多分辨率融合的图像拼接

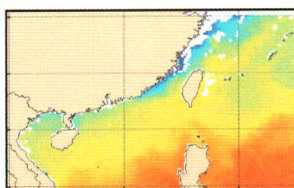
谷雨, 周阳, 任刚, 冯秋晨, 鲁国智 842

最大边缘方向模式直方图

许允喜, 陈方 852

CONTENTS

JOURNAL OF IMAGE AND GRAPHICS



Research progress of methods
for the extraction of mesoscale
ocean fronts and eddies based
on remote sensing data
(P709)



Visual encoding of a QR code
using a Gaussian modulating
function(P741)



Max edge orientation pattern
histogram(P852)

Review

Research progress of methods for the extraction of mesoscale ocean fronts and eddies
based on remote sensing data

Li Anzhou, Zhou Weifeng, Fan Xiumei 709

Image Processing and Coding

Invisible and robust watermarking algorithm based on an image block

Qi Xiangming, Gao Ting 719

Image classification with non-negative and local Laplacian sparse coding and
context information

Wan Yuan, Shi Ying, Chen Xiaoli 731

Visual encoding of a QR code using a Gaussian modulating function

Guo Xinghua, Zhu Xiaogang 741

Novel impulse noise removal algorithm based on the fusion of directional characteristic
and indeterminacy information

Qi Xianying, Liu Boqiang, Xu Jianwei, Song Li 754

Adaptive fractional-order variation model and algorithm for Poisson noise removal

Xie Bin, Liu Zhuang, Ding Chengjun 767

Improved weighted non-local means ultrasonic image denoising algorithm

Zheng Yuanyue, Xu Mingen, Wang Ling 778

Single-image dehazing algorithm to correct atmosphere veil

Chen Dandan, Chen Li, Zhang Yongxin, Yan Han 787

Image Analysis and Recognition

Corner detection using the log-Gabor gradient direction

Gao Hua 797

Watershed algorithm based on gradient hierarchical reconstructions of color images

Wang Ya, Zhou Hailin, Ye Jianbing, Tan Shenyang 807

Robust and fast visual tracking using discriminative sparse representation

Liu Wenzhuo, Yuan Guanglin, Xue Mogen 815

Feature description algorithm based on the local intensity order pattern

Hu Jingshuang, Nie Hongyu 824

Skeleton extraction algorithm based on optimum local correlation degree for handwritten
Chinese characters

Zhou Zhengyang, Zhan Enqi, Zheng Jianbin, Hu Huacheng 833

Image Understanding and Computer Vision

Image stitching by combining optimal seam and multi-resolution fusion

Gu Yu, Zhou Yang, Ren Gang, Feng Qiuchen, Lu Guozhi 842

Max edge orientation pattern histogram

Xu Yunxi, Chen Fang 852



JOURNAL OF IMAGE AND GRAPHICS

中国图象图形学报

www.cjig.cn



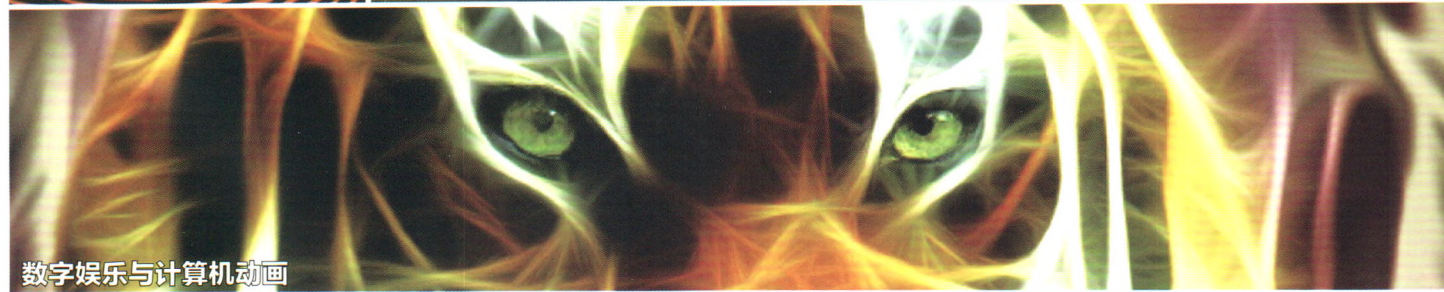
图像识别



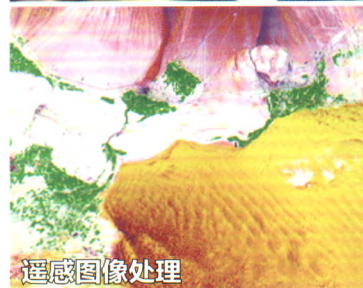
计算机辅助设计



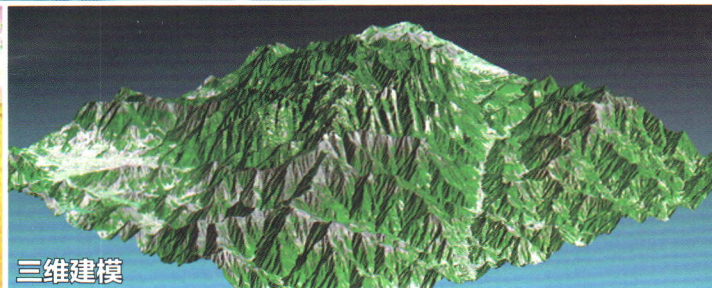
医学图像处理



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