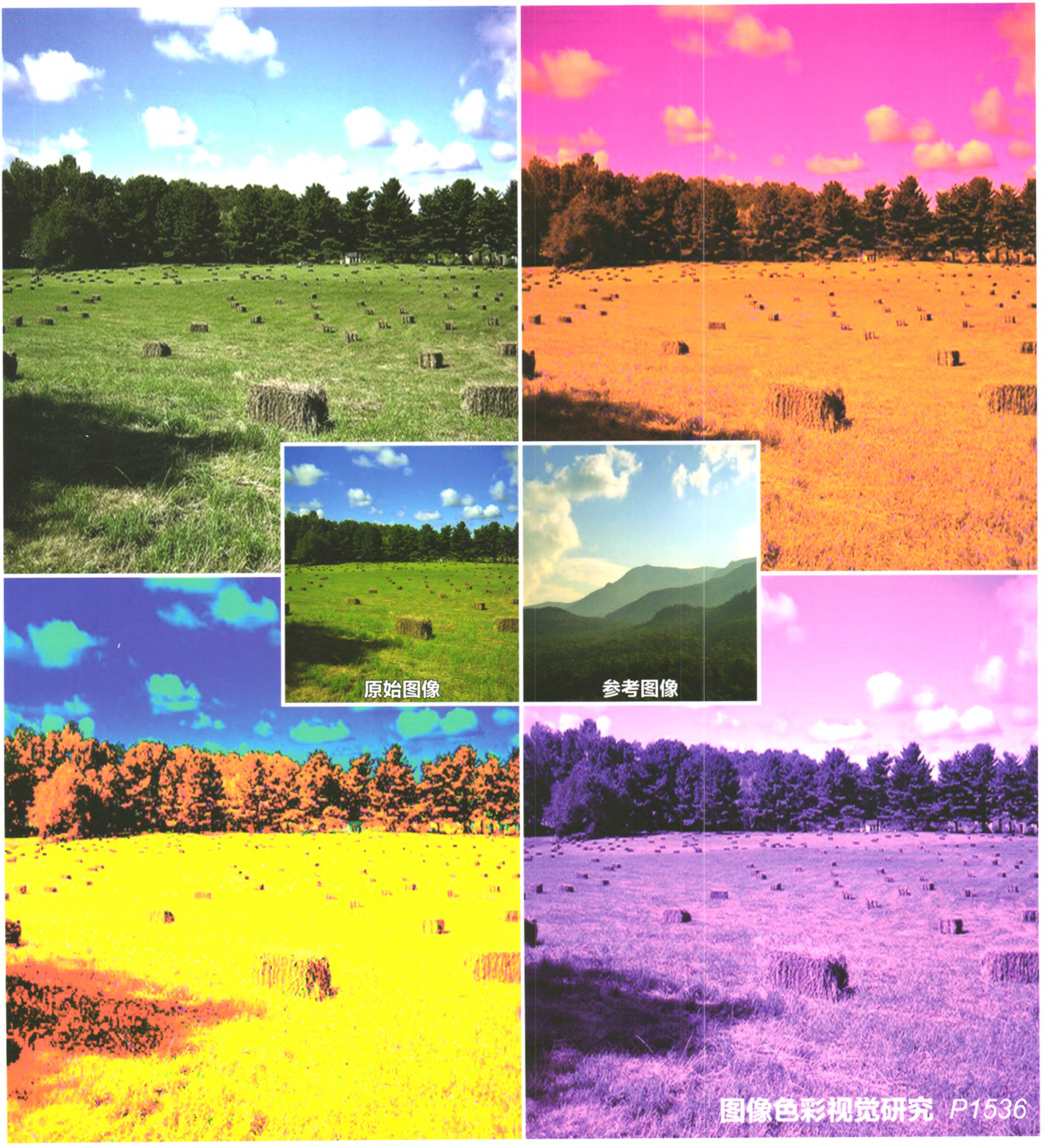
JOURNAL OF IMAGE AND GRAPHICS

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

2013
11
VOL.18

ISSN1006-8961
CN11-3758/TB



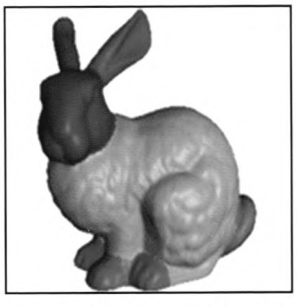
万方数据

2013年11月 第18卷 第11期（总第211期）

中国图象图形学报 目次

Zhongguo Tuxiang Tuxing Xuebao

融合对象性和视觉显著度的单目图像2D转3D(第1478页)



网格分割的3维网格模型非盲水印算法(第1529页)

基于参考图像的色粉画模拟(第1542页)

综述

多媒体技术研究：2012——多媒体数据索引与检索技术研究进展
中国计算机学会多媒体专业委员会 1383

图像处理和编码

热扩散和整体变分模型自适应调整的图像放大模型
王相海，艾新南 1398
椒盐图像的方向加权均值滤波算法
李佐勇，汤可宗，胡锦美，林亚明 1407
3维自适应最小误差阈值分割法
刘金，金炜东 1416
结构约束和样本稀疏表示的图像修复
康佳伦，唐向宏，任澍 1425
结合小波变换和自适应分块的多聚焦图像快速融合
刘羽，汪增福 1435

图像分析和识别

飞行时间3维相机的多视角散乱点云优化配准
张旭东，吴国松，胡良梅，王竹萌，邸维巍 1445
采用独立色素浓度分布分割皮损图像
徐舒畅 1452
基于CUDA的并行加速渲染算法
刘镇，郝冬宁，梅向东 1457
连续最大流图像分割模型及算法
杨晓艺，王小欢，宋锦萍 1462
词袋特征压缩算法比较研究
杨赛，赵春霞 1468

图像理解和计算机视觉

融合对象性和视觉显著度的单目图像2D转3D
袁红星，吴少群，朱仁祥，安鹏 1478

计算机图形学

多风格融合的复杂森林场景自适应可视化
董天阳，夏佳佳，范菁 1486

遥感图像处理

保留结构细节的遥感海表温度图像的采样与重构
崔雪森，杨胜龙，伍玉梅，戴阳，范秀梅 1497
组合四相机拼接影像的颜色平衡
任超锋，姚娜，林宗坚 1504
复杂背景下多样水体遥感自动解译
夏列钢，沈占锋，李均力，骆剑承 1513

“第十届全国智能CAD与数字娱乐会议”专栏

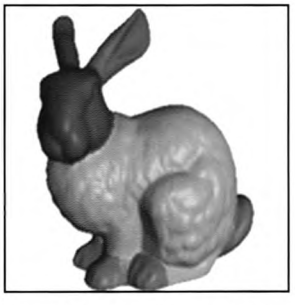
3D树木建模技术研究进展
谭云兰，贾金原，张晨，李光耀 1520
网格分割的3维网格模型非盲水印算法
杜顺，詹永照，王新宇 1529
基于放缩系数和均值的多参数颜色迁移
王世亮，徐岗，储清林，胡维华，汪国昭 1536
基于参考图像的色粉画模拟
郑智斌，张岩，孙正兴，杨克微 1542

万方数据

Volume 18, Number 11
Published November 16, 2013

CONTENTS
JOURNAL OF IMAGE AND GRAPHICS

Single-view image 2D-to-3D conversion based on objectness and visual saliency(P1478)



Non-blind watermarking algorithm for 3D mesh models based on mesh segmentation(P1529)

Color transfer with multiple parameters by combining the scaling and mean values(P1542)

Review

Researches on multimedia technology, 2012
Multimedia data indexing and retrieval technology: a review
CCF Multimedia Technology Committee **1383**

Image Processing and Coding

Image magnification model based on adaptive adjustment of thermal diffusion and TV model
Wang Xianghai, Ai Xinnan **1398**
Directional weighted mean filter for image with salt & pepper noise
Li Zuoyong, Tang Kezong, Hu Jinmei, Lin Yaming **1407**
Three-dimensional adaptive minimum error thresholding segmentation algorithm
Liu Jin, Jin Weidong **1416**
Image inpainting by structural constraints and sample sparse representation
Kang Jialun, Tang Xianghong, Ren Shu **1425**
Multi-focus images based on wavelet transform and adaptive block
Liu Yu, Wang Zengfu **1435**

Image Analysis and Recognition

Multi-view scattered point cloud optimization registration using a TOF camera
Zhang Xudong, Wu Guosong, Hu Liangmei, Wang Zhumeng, DI Weiwei **1445**
Skin lesion segmentation by using independent pigment concentration distribution
Xu Shuchang **1452**
Based on the parallel rendering algorithm in CUDA
Liu Zhen, Hao Dongning, Mei Xiangdong **1457**
Image segmentation model and algorithm based on continuous max-flow approach
Yang Xiaoyi, Wang Xiaohuan, Song Jinping **1462**
Comparative research on compression algorithms of bag-of-features
Yang Sai, Zhao Chunxia **1468**

Image Understanding and Computer Vision

Single-view image 2D-to-3D conversion based on objectness and visual saliency
Yuan Hongxing, Wu Shaoqun, Zhu Renxiang, An Peng **1478**

Computer Graphics

Adaptive visualization of multi-style composition for complex forest scene
Dong Tianyang, Xia Jiajia, Fan Jing **1486**

Remote Sensing Image Processing

Structural detail-reserving method of sampling and reconstruction of remote sensing SST image
Cui Xuesen,Yang Shenglong,Wu Yumei,Dai Yang,Fan Xiumei **1497**
Color balancing of the stitched images of a combined four-head camera
Ren Chaofeng, Yao Na, Lin Zongjian **1504**
Automatic interpretation of diverse water bodies from remotely sensed images in complex background
Xia Liegang, Shen Zhanfeng, Li Junli, Luo Jiancheng **1513**

Issum of CIDE' 2013

Survey on Virtual 3D Tree Modeling Technologies
Tan Yunlan, Jia Jinyuan, Zhang Chen, Li Guangyao **1520**
Non-blind watermarking algorithm for 3D mesh models based on mesh segmentation
Du Shun, Zhan Yongzhao, Wang Xinyu **1529**
Color transfer with multiple parameters by combining the scaling and mean values
Wang Shiliang, Xu Gang, Chu Qinglin, Hu Weihua, Wang Guozhao **1536**
Image-based pastel simulation
Zheng Zhibin, Zhang Yan, Sun Zhengxing, Yang Kewei **1542**

万方数据