

雷 达 学 报

LEIDA XUEBAO

第 6 卷 第 2 期

2017 年 4 月

目 次

高分辨率SAR图像目标认知(1)

专刊主编: 付 琨 徐 丰 仇晓兰

综 述

- 基于三维电磁散射参数化模型的SAR目标识别方法.....
..... 文贡坚, 朱国强, 殷红成, 邢孟道, 杨 虎, 马聪慧, 闫 华, 丁柏圆, 钟金荣 (115)

论 文

- 深度学习在SAR目标识别与地物分类中的应用..... 徐 丰, 王海鹏, 金亚秋 (136)
- 基于栈式降噪稀疏自动编码器的雷达目标识别方法..... 赵飞翔, 刘永祥, 霍 凯 (149)
- 属性散射中心匹配及其在SAR目标识别中的应用..... 丁柏圆, 文贡坚, 余连生, 马聪慧 (157)
- 基于栈式自编码器特征融合的SAR图像车辆目标识别.....
..... 康 妙, 计科峰, 冷祥光, 邢相薇, 邹焕新 (167)
- 基于无训练单样本有效特征的SAR目标检测..... 曾丽娜, 周德云, 李泉扬, 张 堃 (177)
- 一种基于似然比统计量的SAR相干变化检测..... 赵军香, 梁兴东, 李焱磊 (186)
- 基于卷积神经网络的高分辨率SAR图像飞机目标检测方法.....
..... 王思雨, 高 鑫, 孙 皓, 郑歆慰, 孙 显 (195)
- 一种改进的变化检测方法及其在洪水监测中的应用..... 冷 英, 李 宁 (204)
- 高分辨率星载SAR起伏运动目标精细聚焦与参数估计方法..... 温雪娇, 仇晓兰, 尤红建, 卢晓军 (213)
- 极化串扰对基于Cloude分解的地物散射机制特征量影响分析..... 胡丁晟, 仇晓兰, 雷 斌, 徐 丰 (221)

学术信息

- 《雷达学报》2017 年专题征文通知..... (封三)

JOURNAL OF RADARS

Vol.6 No.2 Apr. 2017

CONTENTS

High Resolution SAR Image Target Recognition (1)

Guest Editor: Fu Kun Xu Feng Qiu Xiaolan

Reviews

- SAR ATR Based on 3D Parametric Electromagnetic Scattering Model. *Wen Gongjian, Zhu Guoqiang, Yin Hongcheng, Xing Mengdao, Yang Hu, Ma Conghui, Yan Hua, Ding Baiyuan, Zhong Jinrong* (115)

Papers

- Deep Learning as Applied in SAR Target Recognition and Terrain Classification. *Xu Feng, Wang Haipeng, Jin Yaqiu* (136)
- Radar Target Recognition Based on Stacked Denoising Sparse Autoencoder. *Zhao Feixiang, Liu Yongxiang, Huo Kai* (149)
- Matching of Attributed Scattering Center and Its Application to Synthetic Aperture Radar Automatic Target Recognition. *Ding Baiyuan, Wen Gongjian, Yu Liansheng, Ma Conghui* (157)
- SAR Target Recognition with Feature Fusion Based on Stacked Autoencoder. *Kang Miao, Ji Kefeng, Leng Xiangguang, Xing Xiangwei, Zou Huanxin* (167)
- Novel SAR Target Detection Algorithm Using Free Training. *Zeng Lina, Zhou Deyun, Li Xiaoyang, Zhang Kun* (177)
- Change Detection in SAR CCD Based on the Likelihood Change Statistics. *Zhao Junxiang, Liang Xingdong, Li Yanlei* (186)
- An Aircraft Detection Method Based on Convolutional Neural Networks in High-Resolution SAR Images. *Wang Siyu, Gao Xin, Sun Hao, Zheng Xinwei, Sun Xian* (195)
- Improved Change Detection Method for Flood Monitoring. *Leng Ying, Li Ning* (204)
- Focusing and Parameter Estimation of Fluctuating Targets in High Resolution Spaceborne SAR. *Wen Xuejiao, Qiu Xiaolan, You Hongjian, Lu Xiaojun* (213)
- Analysis of Crosstalk Impact on the Cloude-decomposition-based Scattering Characteristic. *Hu Dingsheng, Qiu Xiaolan, Lei Bin, Xu Feng* (221)

Academic Information

- Call for Papers of Special Issues of Journal of Radars in 2017. (Inside Back Cover)