

A Polarimetric Scattering Characteristics Guided Adversarial Learning Approach for Unsupervised PolSAR Image Classification

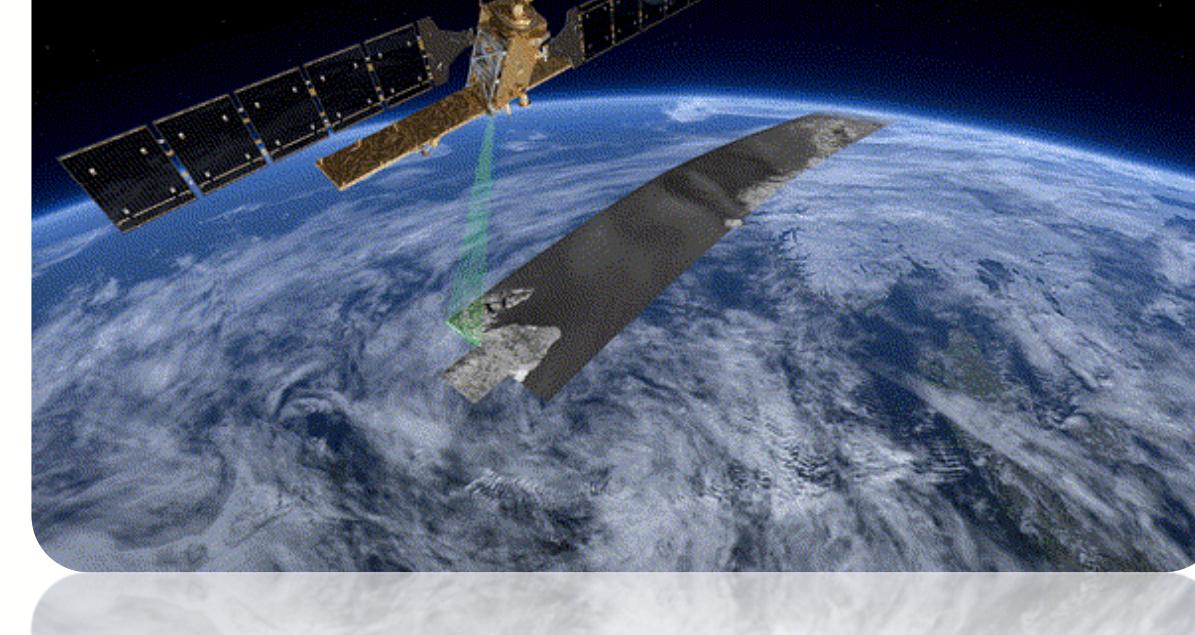
(一种基于极化散射特性和对抗学习的极化SAR图像无监督分类方法)

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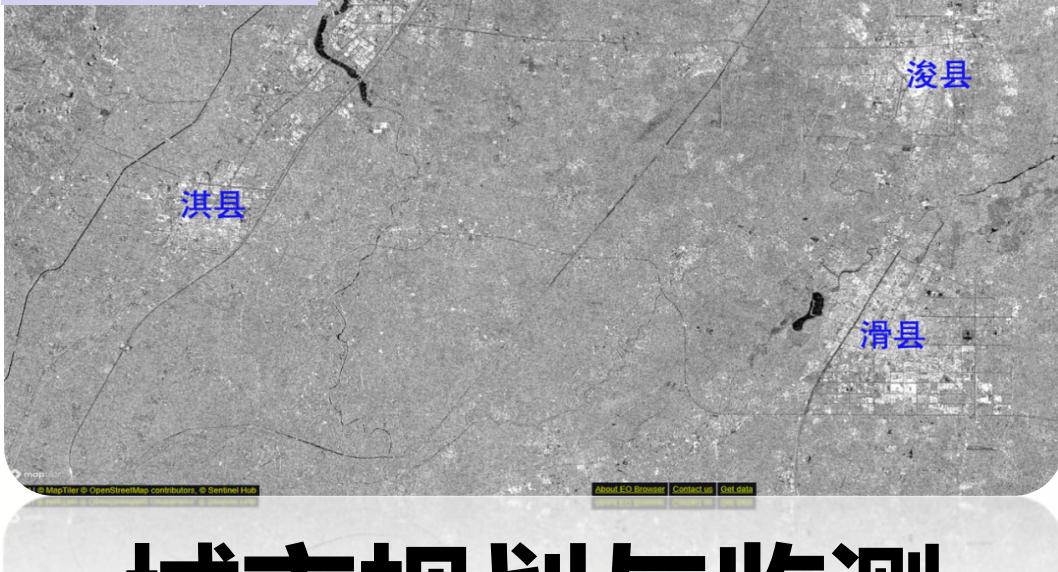
论文研究方向和意义



图像解译



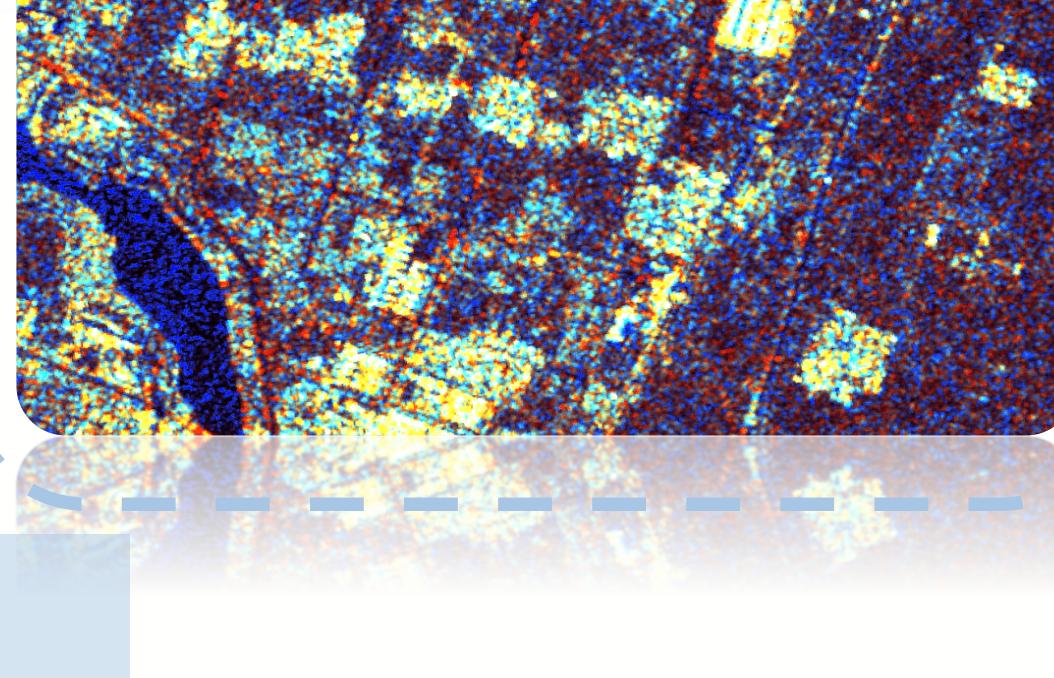
森林类型获取



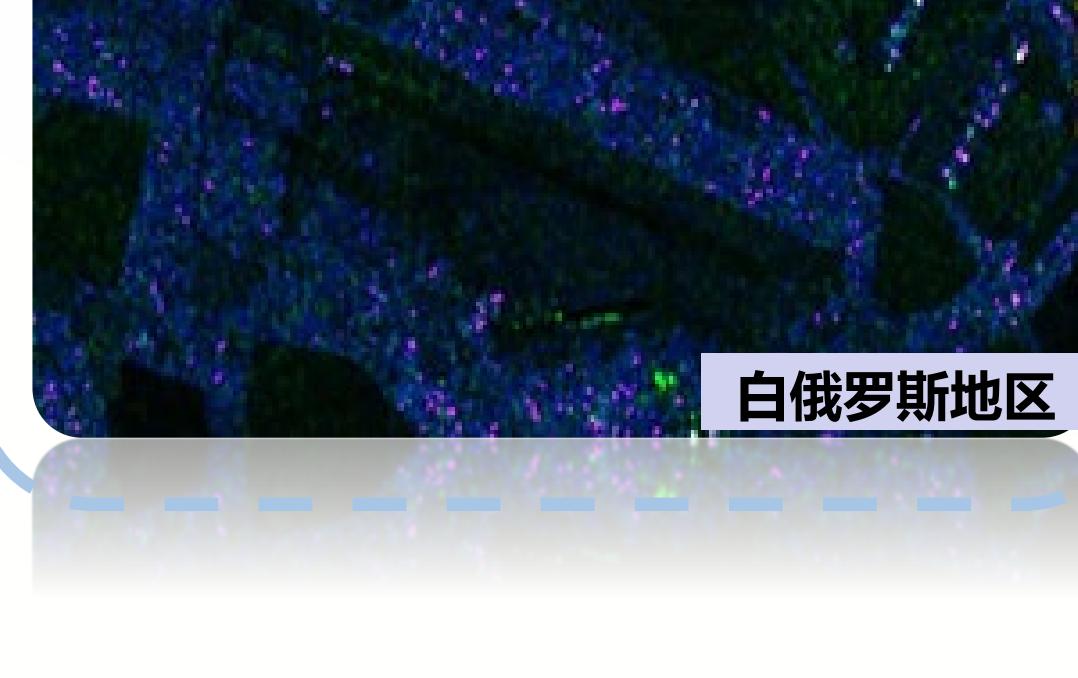
农作物监管



城市规划与监测

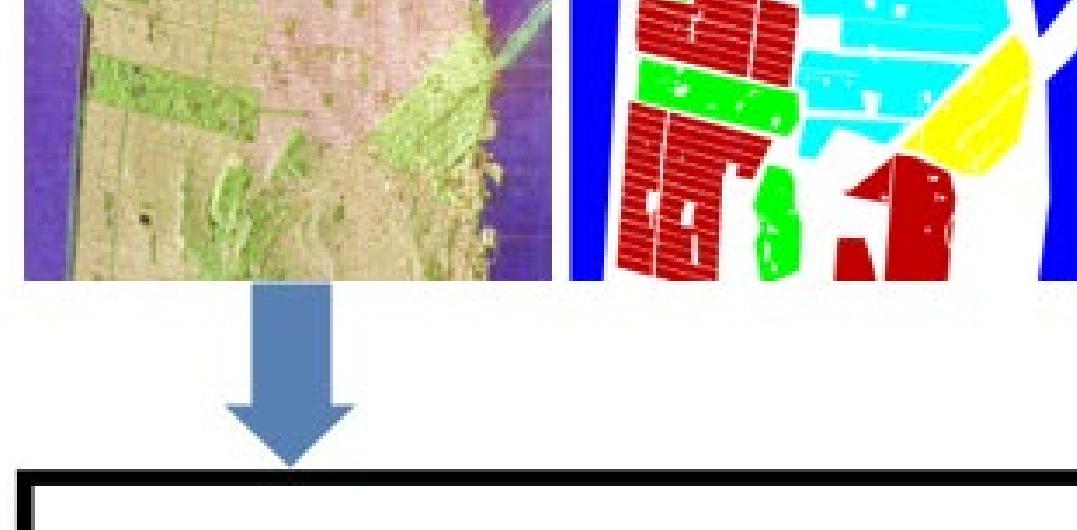


战场态势分析

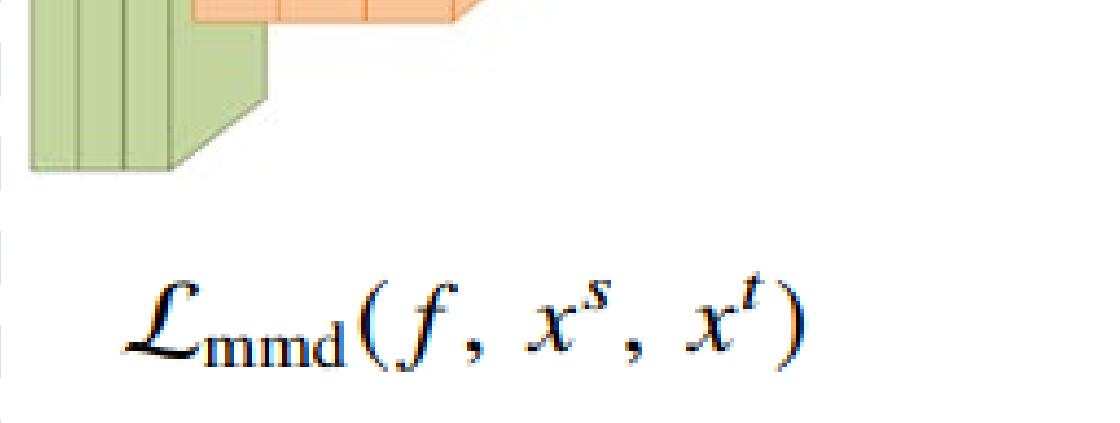


跨场景的无样本分类问题

源域



$f(\cdot)$



传感器 / 拍摄模式变化

目标域

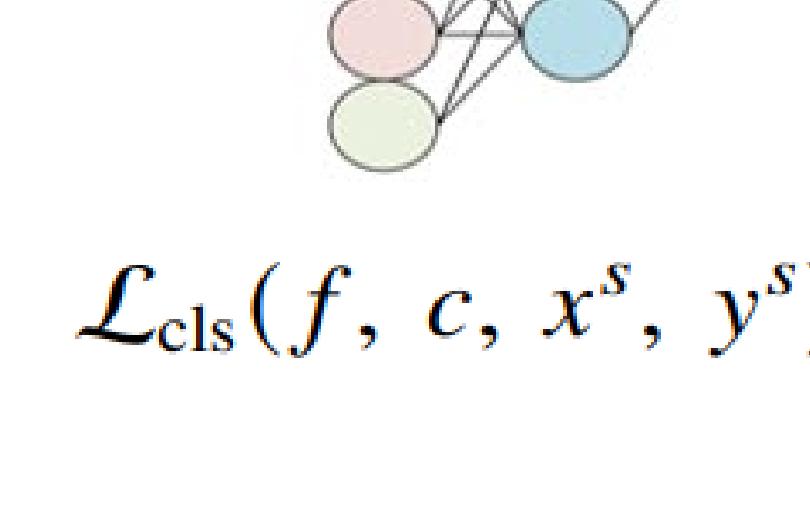


$f(\cdot)$

$$\mathcal{L}_{mmd}(f, x^s, x^t)$$

$$\mathcal{L}_{adv}(f, d_r, x^s, x^t)$$

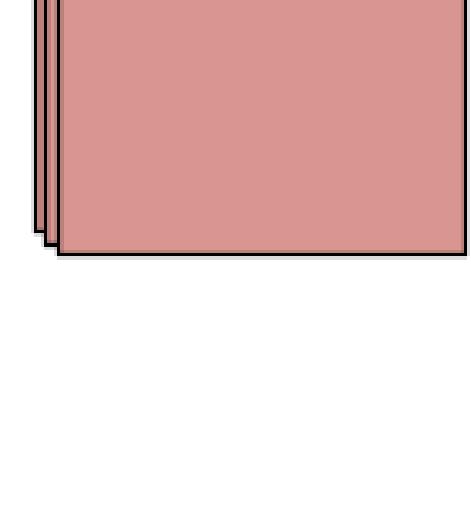
$$\mathcal{L}_{coral}(f, x^s, x^t)$$



$$\mathcal{L}_{cls}(f, c, x^s, y^s)$$

提出方法

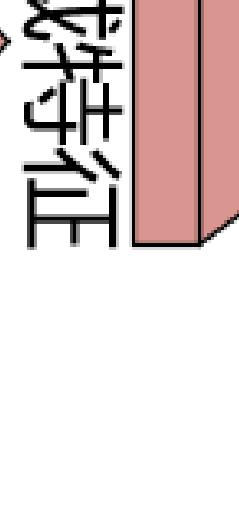
源域数据



特征提取器



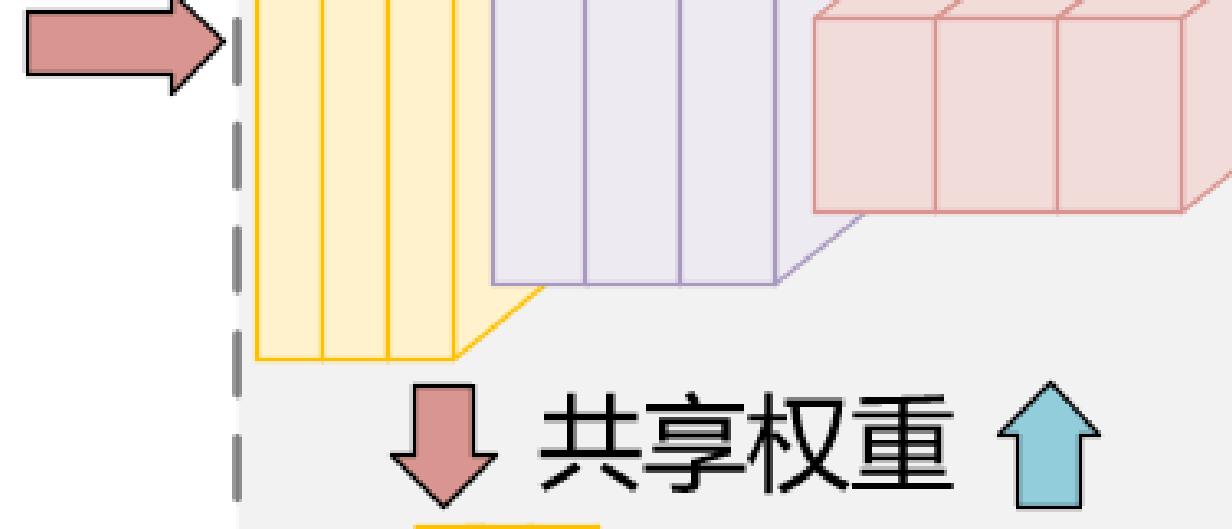
源域特征



分类器



$$\mathcal{L}_{cls}$$



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实验结果

