# 基于均值调整梯度高精度分割多聚焦图像微小特征

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摘　要：提出均值调整梯度的多聚焦图像微小特征高精度分割法，通过均值调整法对图像进行均值分析，在给出均值分析后的调整过程的基础上，采用 Log Gabor 小波法进行二维信号相位一致的处理，方向幅度与其相位进行计算，实现多聚焦图像微小特征的高精度分割.实验表明，采用此方法识别精度高，分割速度快，具有一定的优势.

关键词：　多聚焦图像；微小特征；高精度；均值调整梯度分割法

# High Resolution Segmentation of Multi Focus Images Based on Mean Shift Gradient

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Abstract：The mean adjustment gradient of multi focus image features of high precision micro segmentation method, the mean adjusted by mean of image analysis, on the basis of the adjustment process is given after the analysis of the mean, for processing two-dimensional signal phase congruency using Log Gabor wavelet method, amplitude and phase direction calculation, high precision multi segmentation the characteristics of micro focus image. The experimental results show that the proposed method has the advantages of high precision and fast segmentation speed.

Key words：multi focus image; small feature; high precision; mean shift gradient segmentation

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