
Subject: Gaussian Fit to background of image for subtraction
Posted by rpertaub@gmail.com on Tue, 06 Feb 2007 17:25:24 GMT
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Hello,

I am doing some image analysis, and my image consists of several bright spots that I need to detect. I was able to write a program that would do just that...find the pixels that are larger than a threshold, group close pixels together and label different blobs as different spots by marking a 'plus sign' on the spot. Except, it does not 'see' all the spots, and lowering the threshold results in 'seeing' spots that are not there. Therefore, I am considering some filtering that I need to do to my background as it is not uniform and was suggested to perform a gauss 1d or 2d to the background to subtract it (and exclude the spots as I do that), and then see if i can 'see' all the spots....

I am not sure how to do a gauss fit to background though...any suggestions?

Thanks!

rp
