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Subject: Re: weighted average for label\_region

Posted by [David Fanning](#) on Wed, 24 Oct 2007 15:49:59 GMT

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rpertaub@gmail.com writes:

- > This leaves me with my spotscoord array with x,y coordinates. However,
- > I need to find the center of each spot with some weighted
- > average...i.e. if the cluster of pixels (for one spot) is more bright
- > on one side, then the center will be skewed there...is there a way for
- > me to do that?

Ah, this takes me back to my own blob processing days! :-)

You might find this article of interest:

[http://www.dfanning.com/ip\\_tips/fit\\_ellipse.html](http://www.dfanning.com/ip_tips/fit_ellipse.html)

Also, if you don't add an extra pixel border to your image before you do your LABEL\_REGION thing, you will likely run into considerable trouble with blobs or spots touching the edge of your image.

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

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