
Subject: Re: Regarding the Fit_Ellipse Program

Posted by [David Fanning](#) on Tue, 26 Feb 2008 14:46:15 GMT

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plim.dreaming@gmail.com writes:

- > The last time I posted here I got awesome help and I have what I
- > believe is a smaller problem this time.
- > I am trying to use the fit_ellipse program (http://www.dfanning.com/ip_tips/fit_ellipse.html) and having some difficulty in that my ROI is
- > a contour defined by a 2-D array and not a 1-D array of pixels.
- > My 2-D array contains the x and y positions of all the points along
- > that contour (or ROI) so I am trying to translate this fit_ellipse
- > program to something I can use.

Use your contour with POLYFILLV to get the indices inside the contour. (Or, put your contour into an IDLarROI object and use the inherit methods there to do the same, with slightly different results.) Then, you can create the "blob" that works with FIT_ELLIPSE. I personally feel a bit more secure with the IDLarROI method, but I've used both. I've convinced myself that both methods are "accurate," whatever that means. :-)

Cheers,

David

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
