
Subject: Re: Regarding the Fit_Ellipse Program
Posted by [David Fanning](#) on Thu, 28 Feb 2008 17:27:00 GMT
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plim.dreaming@gmail.com writes:

> I certainly don't understand why there isn't a fit_ellipse program
> that works with the x,y array of the contour vertices instead of the
> pixel indices of the image of a contour (I wish I knew how to make one
> myself).

The problem with using the contour vertices, is that they are not evenly spaced, so the "weighting" of the ellipse would be wildly off. I do have a program, named ARCSAMPLE, that can resample "reasonable" curves, so that you have approximately equally spaced points along the curve. Depending on what your "blob" looks like, you might prefer to use this for calculating the ellipse.

<http://www.dfanning.com/programs/arcsample.pro>

Cheers,

David

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Coyote's Guide to IDL Programming (www.dfanning.com)
Sepore ma de ni thui. ("Perhaps thou speakest truth.")
