
Subject: Re: FIT_ELLIPSE

Posted by [Craig Markwardt](#) on Wed, 08 Apr 2015 23:09:43 GMT

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On Tuesday, April 7, 2015 at 3:18:15 PM UTC-4, Sam Murphy wrote:

> Hello,

>

> The FIT_ELLIPSE program has been really useful for me!

>

> I was wondering how to reference the technique used to calculate the major and minor axes?

>

> The use of a 'mass distribution tensor' instead of the covariance of the data points seems novel to me (and computationally more efficient).

"Mass distribution tensor" is basically the same as the moments of the distribution, which is related to the covariance matrix. There's no magic here.

Craig
