Subject: Re: Incorrect fit of elliptic to data
Posted by active-news on Mon, 04 Aug 2003 21:06:54 GMT
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I was thinking that supplying the data and the code in this way would be the best but I now believe that I made a mistake in doing that, I apologize for that.

Thank you for recommending your MPFITELLIPSE program, I think that will be better suited for what I want to do and I will have a look at it.

Johan

"Craig Markwardt" <craigmnet@cow.physics.wisc.edu> wrote in message news:onznipgr1h.fsf@cow.physics.wisc.edu...
>
> "active-news" <johan_marais@absamail.co.za> writes:
>
>
>> I am using the program from David Fanning's site (FIT_ELLIPS) to fit an
>> ellips to edge points detected from profiles but the fitted ellips seems
to
>> be bigger than the supplied data. Anyone that can help?
>
> (a) you just dumped a big uuencoded file into the newgroup. Why?
>
> (b) you uuencoded the text edges.pro file too. Why?
>
> (c) It was difficult to get your script to work. There was no
> documentation. Depending on where I clicked, I got different results,
> I suppose I am supposed to click the center? The logic of the program
> is complex enough that it is difficult to decide what *should* be
> happening.
>
> (c) you assumed that Fanning's fit_ellipse function is for fitting
> elliptical shells, when clearly the examples show solid elliptical
> disks. That script computes the size of the ellipse based on the
> moment of inertial of the "blob." Is that what you want?
>
> (d) Have you considered other programs, which actually fit an
> elliptical contour to XY scatter data? (such as MPFITELLIPSE)
>
> Craig