

---

Subject: Re: Incorrect fit of elliptic to data

Posted by [Craig Markwardt](#) on Mon, 04 Aug 2003 19:29:30 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

"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

---