
Subject: Re: Regarding the Fit_Ellipse Program
Posted by [pgrigis](#) on Tue, 26 Feb 2008 22:28:49 GMT
[View Forum Message](#) <> [Reply to Message](#)

plim.dream...@gmail.com wrote:

> On Feb 26, 4:51 pm, pgri...@gmail.com wrote:
>> plim.dream...@gmail.com wrote:
>>> So, I used contour to obtain the x and y positions of a certain
>>> contour level and labeled those arrays as posx and posy.
>>> then obtained the positions in terms of the device, because that is
>>> what polyfillv uses:
>>> D = convert_coord(posx, posy, /to_device)
>>
>>> I did a print,!D.x_size to get the device sizes (it gave me the famous
>>> 17780) so I did:
>>
>> This happens most likely because you are using the postscript device.
>> If you do set_plot,'X' or 'WIN', you should get more resonable values
>> for !D.x_size.
>>
>> Ciao,
>> Paolo> result = polyfillv(D(0,*),D(1,*),17780,17780)
>>> plots,fit_ellipse(result)
>
> Hi Paolo, Thanks for the reply,
> you are right, and yet I do want to put the ellipse onto the
> postscript output.
Yes, so what you need to do is to compute the ellipse
in a way that does not depend on the graphic device used and
then plot it. Can I just quickly ask what is your starting data
again (that is, how exactly you define your points in the first
place)?

Paolo

> B
