## Subject: Re: How to measure the length of a contour?
Posted by mirko_vukovic on Wed, 08 Jul 1998 07:00:00 GMT

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In article <35A0E32C.4223@midway.uchicago.edu>,
  plin21@midway.uchicago.edu wrote:
>
> Yes, my great boss come up this idea that lengthes of the islands I
> just
>   filled in and measured of their areas are what really important.
>
>   So can anyone tell me how to measure a length of some contour?
>
>   Thank you in advance ;)
>
The way I do it is to extract the path information from the contour
command (check keywords path_xy and path_info).  Be careful, sometimes
you will get more then one contour, and you have to pick one out.

Then you can calculate
(approximately) the length of the contours.  The initial guess is to assume
that the points are connected by straight lines.  In my particular
application I connect them with fourth order Bezier, and then calculate
the lengths.

But in your case the contour is probably a fractal, and there I am have
no idea.  But if you do, let us know!

good luck

mirko

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