
Subject: Re: Compute area between curves

Posted by [ben.bighair](#) on Sun, 12 Oct 2008 22:59:28 GMT

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On Oct 12, 5:35 pm, frankosuna <frankos...@gmail.com> wrote:

> I am trying to calculate how much of an error there is between two
> rings. I have two images each with a ring pictured in these two
> images.
>
> This is from a wireframe generated from a 3d model. The edge is
> selected by the user and region growing is used to extract that ring.
>
> <http://frankosuna.googlepages.com/wireframe2.jpg>
>
> This other one is from an edge detected image of Saturn. All the
> rings are edge detected and the same ring clicked on the first image
> is clicked on this one. Region growing is done to extract just that
> one ring.
>
> <http://frankosuna.googlepages.com/edgeDetect2.jpg>
>
> I have the x and y values for each pixel that make up the ring

Hi,

Given that you have the [x,y] coordinates for the rings, why don't you try using IDL's built-in `INT_TABULATED` which should be fine for your task.

As James points out, you'll need to know how the two curves are registered in the images. If you can't "line up" comparable x locations then you have a serious problem.

Cheers,
Ben
