
Subject: Re: IDL Average Value Graphs
Posted by [Jean H.](#) on Tue, 15 Jul 2008 21:11:55 GMT
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andybohn@gmail.com wrote:

- > Hello, I was wondering if IDL has any built-in methods for two similar
- > things.
- > 1. Basically cut the image like a pizza (for a variable number of
- > slices) and average the values in each slice to create a plot of
- > average pixel value as a function of angle
- > 2. Do the same thing, but plot the average pixel value as a function
- > of radius, (concentric circles).
- >
- > I was going to write my own method, but it would be complicated
- > converting angled lines or circles into pixels.
- >
- > Thanks a lot, Andy

have a look at POLYFILLV it will tell you which pixels are within a polygon.

Then, download a function to create "pies" ... I have my own
<http://www.ucalgary.ca/~jghasban/pie.pro> ... but there is such function
in most downloadable libraries.

So, basically, you would create the pies, get the coordinates of the
pixels within and then do your maths!

Jean
