Subject: Polar_contour question
Posted by thtran296 on Tue, 25 Jul 2017 19:39:18 GMT

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Hi all,

So I am tasked with using the "polar_contour" procedure in IDL to plot things.
I am given 2 arrays of data, 1 is the radius, and the other is Angle.

radius = [.....]   ---> this is an array of 900 elements, randomly from value of 0 to 2000 km.
Angle = [.....] ----> this is an array of 900 elements too, randomly from value of 0 to 6 rad.

Reading from the IDL help page for the polar_contour procedure, it looks something like this:

polar_contour, z, theta, r.

I know that "z" will be a 2-D array (n x n matrix) , and theta and r are 1-D array each. But I'm having problem with what values actually go into each of these arguments? And where in the argument should my 2 arrays (given above) go?

IDL help page only defines "Z" as "the data values to be contoured." What does that even mean?
Theta and r are defined by IDL as vectors of angles and radius, respectively. But what actually goes into these 2 vectors?

Could somebody please help clarify things for me?
Thank you so much.