
Subject: Re: 2D Plot in IDL with shading?
Posted by [Ally](#) on Fri, 18 Jun 2010 20:30:08 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Jun 18, 4:16 pm, pp <pp.pente...@gmail.com> wrote:

> On Jun 18, 5:11 pm, Ally <ally.desh...@gmail.com> wrote:

>

>> Not exactly. The whole plot will be filled in because there's a diode
>> response for each elevation and azimuth pair. The diode response
>> doesn't change linearly so I can't use the vector idea. I want the
>> colors to match the data in highest to lowest value order (or vice
>> versa) but the data isn't written this way (it should end up looking
>> like a ring or ellipse pattern with greatest response/darkest color on
>> the outside and lowest response/lightest color on the inside). I have
>> a picture of something similar in Python but I can't attach it to a
>> post. Is there any way I can make a surface plot of the data, give it
>> elevation shading, and then just view it top down so I only see the x
>> and y axes and colored rings?

>

> I think what you want is just an image, something like:

>

> iimage,response,elevation,azimuth

>

> Though you could have made a surface, with

>

> isurface,response,elevation,azimuth

>

> Or a contour plot with

>

> icontour,response,elevation,azimuth

Thanks. I'll try those and see if it works.

-Allison
