
Subject: Re: very simple but weird problem with CONTOUR
Posted by [David Fanning](#) on Sat, 01 Sep 2012 18:41:50 GMT
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mxsfong2012@gmail.com writes:

> I ran into a very simple but weird problem with CONTOUR. In the below example, everything was fine if I used "max_value=1". But when I changed it to "max_value=0.5", I had nothing but a black window. What is wrong? Am I missing anything here? I am using IDL Version 7.0.4, Mac OS X (darwin x86_64 m64)

>

> Thanks for any advices!

>

> example codes:

>

> X=findgen(6)/5.*2.-1.

> Y=X

> Z=randomu(1001L, 6,6)

>

> xrange=[-1,1]

> yrange=[-1,1]

> clevels=[1, 50, 100, 150, 200, 254]

> levels=[0, 0.2, 0.4, 0.6, 0.8, 1.0]

> loadct, 39

>

> plot, xrange, yrange, position=[0.1, 0.1, 0.9, 0.9], xstyle=5, ystyle=5, /nodata, /noerase

> contour, Z, X, Y, position=[0.1, 0.9, 0.1, 0.9], levels=levels, c_colors=clevels, /fill,

/overplot, \$

> xrange=xrange, yrange=yrange, xstyle=5, ystyle=5, xtitle="", ytitle="", max_value=0.5

If your maximum level is 0.5, and your first contour is going to be drawn at 1.0, then all you can expect to see is the background (black) of your contour plot. :-)

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
