
Subject: Re: how to draw contour with continue color?
Posted by [xqinshan](#) on Mon, 17 Nov 2008 12:46:28 GMT
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> xqinshan writes:
>> Thanks David. That work well for screen (set_plot,'win'), but for ps
>> (set_plot,'ps'),
>> device,decomposed=3D1
>> dosnot work. There is a white line in the image and colorbar. I hope
>> pictures of ps form can be the same as on screen. How to do that?
>
> Here is a version of the program that works on the display
> and in PostScript. In the future, if you want something
> in PostScript just say so, or write an e-mail to ITTVIS
> asking them to PLEASE get to work on updating the PostScript
> device. That way, I can jump through the necessary hoops
> from the beginning.
>
> data = Dist(300)
> step = (Max(data) - Min(data)) / 16.
> levels = Indgen(16) * step + Min(data)
> IF (!D.Flags AND 256) NE 0 THEN BEGIN
> Device, Decomposed=1, Get_Decomposed=theState
> Erase, Color=FSC_Color('ivory')
> ENDIF
> CTLoad, 4, /Brewer, NCOLORS=255
> black = FSC_Color('black', 255)
> pos = [0.15, 0.15, 0.9, 0.75]
> TVImage, BytScl(data, TOP=254), POSITION=pos
> Contour, data, /NOERASE, POSITION=pos, XSTYLE=1, YSTYLE=1, \$
> LEVELS=levels, COLOR=black, C_LABEL=Replicate(1, 16)
> Colorbar, NCOLORS=255, RANGE=[Min(data), Max(data)], DIVISIONS=4, \$
> POSITION=[0.15, 0.8, 0.9, 0.85], /TOP, COLOR=black
> IF (!D.Flags AND 256) NE 0 THEN Device, Decomposed=theState
> END
>
> Cheers,
>
> David
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Great! Many thanks!
