
Subject: Re: how to draw contour with continue color?
Posted by [xqinshan](#) on Sun, 16 Nov 2008 15:12:20 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?
>
> Take the DEVICE and ERASE commands out. Should work fine then.
>
> 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.")

This is the program:

```
set_plot,'ps'  
device,filename='f:\image.ps',bits=8,/color  
  
data = Dist(300)  
step = (Max(data) - Min(data)) / 16.  
levels = Indgen(16) * step + Min(data)  
;Device, Decomposed=1  
CTLoad, 14, /Brewer  
pos = [0.15, 0.15, 0.9, 0.75]  
;Erase, Color=FSC_Color('ivory')  
TVImage, BytScl(data), POSITION=pos  
Contour, data, /NOERASE, POSITION=pos, XSTYLE=1, YSTYLE=1, $  
    LEVELS=levels, COLOR=FSC_Color('black'), $  
    C_LABEL=Replicate(1, 16)  
Colorbar, NCOLORS=256, RANGE=[Min(data), Max(data)], DIVISIONS=4,  
$  
    POSITION=[0.15, 0.8, 0.9, 0.85], /TOP, COLOR=FSC_Color  
('black')  
  
device,/close  
end
```

The result is there is a black line between 106 to 159 on the colorbar. I donot know why.

Best
Xqinshan
