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Subject: contour overplotting

Posted by [abc](#) on Mon, 14 Mar 2011 10:57:30 GMT

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Dear All,

I am having a small trouble in making contour overplotting . Here I am reading two different data set with different values. I want to make a contour plot of the first data set and then want to over plot the contour of the second data set with different colors.

My question is that is it possible in IDL to overplot a contour plot on another contour plot with different colors. if yes then how. And if No then how I can overplot a contour plot on another contour plot with the same colors.

Thanks in advance

```
readcol, 'A.txt',skipline=3,x,y,z,f='f,f,f'
readcol, 'B.txt',skipline=3,x1,y1,z1,f='f,f,f'
DEVICE,DECOMPOSED =0
window,xs=600,ys=700
loadct,27
tvlct,0,0,0,255
!p.charsize=1.5
!p.multi=[0,1,2]
;=====
=====
contour,x<0.005,y,z,/irregular,c_label=[1,1,1,1,1],nlevels=572,/xst,/
yst,/fill,Position=[0.1, 0.1, 0.9, 0.80]
contour,x<0.005,y,z,/
irregular,c_label=[1,1,1,1,1],level=[0.0009,0.0012,0.0017],$
c_charsize=1.0,c_color=[0,0,255,255],/over
;=====
=====
contour,x1<0.005,y1,z1,/irregular,c_label=[1,1,1,1],nlevels=100,/xst,/
yst,/fill
contour,x1<0.005,y1,z1,/
irregular,c_label=[1,1,1,1],level=[0.0012,0.0015,0.0018],$
c_charsize=1.0,c_color=[0,0,255,255],/over
colorbar, BOTTOM=4,DIVISIONS=5,FORMAT='(f6.4)', POSITION=[0.18, 0.9,
0.9, 0.95], $
MAX=0.005, MIN=MIN(chi2)
;=====
=====
end
```

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