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Subject: Problem with CONTOUR-Fill

Posted by [jkelley](#) on Thu, 28 Jul 1994 02:00:49 GMT

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I have a problem with CONTOUR when I use the /FILL option.  
I am trying to color fill contours of temperature and then contour  
the isotherms.

Here is my IDL code:

```
CONTOUR,Txz,X,ZM,LEVELS=[5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22],$  
  c_colors=[1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18], $  
  /FOLLOW,NLEVELS=18,/FILL,/OVERPLOT &
```

```
CONTOUR,Txz,X,ZM,LEVELS=[5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22],$  
  C_LABELS=[0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0],col=19, $  
  /FOLLOW,NLEVELS=18,/OVERPLOT &
```

The above code works in some instances to create color filled contours  
with black contours. However, in other situations it will fill  
the area between contours with the same color (ex. green between 6 and 7 and  
also between 7 and 8 when it should had been yellow between 7 and 8).

What am I doing wrong?

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