
Subject: Re: about contour

Posted by [David Fanning](#) on Wed, 28 Nov 2001 01:27:10 GMT

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tom (tom2959@21cn.com) writes:

> Hi,I will plot a contour for $Z=f(X,Y)$,
> contour,Z,X,Y
> I hope only area in which $Z<0$ to be filled, how to do that?

Try something like this:

```
LoadCT, 5, NColors=12, Bottom=1
levels = 12
step = (0 - Min(z)) / levels
userLevels = IndGen(levels) * step + Min(z)
Contour, z, x, y, /Fill, C_Colors=Indgen(levels)+1, Levels=userLevels
Contour, z, x, y, /Overplot, Levels=userLevels, /Follow
```

There are quite a few articles about filled contour plots on my web page. You really should read them before you go too much further. :-)

<http://www.dfanning.com/documents/tips.html#Graphics2d>

Cheers,

David

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