
Subject: Shift label positions in contour plots?

Posted by [Charles\[1\]](#) on Wed, 30 Sep 2009 14:51:20 GMT

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Hello All - I hope someone can help...

Using "contour", I've made a contour plot with 3 sets of contours. I've got them with no fills and each has a different line style. I've labeled the contour levels, so the value of each contour appears along the curves in a couple of places:

```
contour, z0, x, y, levels=findgen(10)/10d, c_labels=findgen(10),  
c_charsize=1, ,c_line=0  
contour, z1, x, y, levels=findgen(10)/10d, c_labels=findgen(10),  
c_charsize=1, ,c_line=1, /overplot  
contour, z2, x, y, levels=findgen(10)/10d, c_labels=findgen(10),  
c_charsize=1, ,c_line=2, /overplot
```

A sample of the plot is here: <http://bit.ly/12e1Y7>

My problem is that the labels overlap with each other in several places. If the contour sets were similar enough, I would just label one set and imply that each label applied to all of the nearest curves. But each contour set is different, so I need a label on every contour. I'd prefer not to decrease the font size very much.

My question is - it is possible to shift the positions of the labels along the contours using "contour" or some other routine?

Thanks for any tips,
Charles
