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Subject: Contour labels not aligned with contours

Posted by [Sir Loin Steak](#) on Thu, 08 May 2014 18:58:46 GMT

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Hi all,

Has anyone encountered a problem before where the contour labels are not aligned with the spaces left in the actual contours? It has been happening to me for the past few weeks, but I can't think that anything has changed with my system.

The problem only occurs when outputting to a postscript file which has different x and y lengths. I've put a couple of examples here: [http://physics.open.ac.uk/~lsteele/contour\\_label.png](http://physics.open.ac.uk/~lsteele/contour_label.png)

As can be seen in the top plot, the labels on the vertical line sections aren't centered on the contour as they are in the bottom plot. Does anyone know if this can be amended?

The test code I used for each plot is:

```
x = sin(findgen(50)/49!*pi)*5
y = cos(findgen(50)/49!*pi/2)*5
array = x#y

set_plot, 'ps'
!p.font=0
device, /encap, xsize=10, ysize=4, /inches, filename='test.eps'
pos = cglayout([1,1])

clevels = findgen(13)*2
contour, array, findgen(50), findgen(50), levels=clevels, $
    c_label=intarr(26)+1, c_charsize=0.5, color=cgcolor('black')
device, /close
```

with the xsize being changed from 10 to 4 for the bottom plot.

Cheers,

Liam

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