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Subject: plotting two sets of contours

Posted by [ahw199](#) on Fri, 27 Jul 2001 09:55:31 GMT

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I am trying to plot two different sets of contours over one image. The contour sets are both centered around different points, So I need to position them separately. I can overplot one set at the right point but when it comes to the second set the position keyword doesn't seem to work and the second set are overplotted over the first set.

Do I need to combine all the data into one file, i.e. work out the two plots in relation to each other or can I use some other keyword to position the second set?

A sample of my programme follows:

```
WINDOW, XSIZE=830, YSIZE=800
```

```
ERASE,255
```

```
READ_JPEG,'S:\Ann webber\drawing3white.jpg',a,image
```

```
TV, a,140,205
```

```
TEK_COLOR
```

```
OPENR,1,'my filename'
```

```
A=FLTARR(9,145000)
```

```
READF,1,A
```

```
close,1
```

```
CONTOUR,A(7,*),A(0,*),A(1,*),/irregular,levels=[6,8,10,15,18,  
,20,25,30,40,50,60,70,80,90,100,150,200],color=2,C_LABELS=[1,1,1,1,1,1,1,1,0,1,0,1,0,1,0,1]  
$
```

```
,position=[515,495,645,625],/device,/noerase,/overplot
```

```
OPENR,2,'my filename'
```

```
B=FLTARR(9,40401)
```

```
READF,2,B
```

```
close, 2
```

```
;CONTOUR,(B(7,*)/1.414),B(1,*),B(0,*),/irregular,levels=[10,  
15,20,25,30,40,50,60,70,80,90,100,150,200],color=4,C_LABELS=  
[1,1,1,1,1,1,1,1,1,0,1,0,1,0,1,0]  
$
```

```
;,position=[400,420,515,535],/overplot
```

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