
Subject: matchup of Map_set & contour

Posted by [shson](#) on Wed, 03 Sep 2003 13:46:25 GMT

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Hi

I want to overlap contour lines on a map.

However, it doesn't match exactly (I can see the gridlines).

Could someone know how to fix it?

Here is an example..

```
;-----
```

```
lon = FINDGEN(91)
```

```
lat = FINDGEN(115)
```

```
x = 17.0 + lon*(1/6.0)
```

```
y = 23.0 + lat*(1/6.0)
```

```
seed=1L
```

```
temp = sin(x)^2 * cos(x)
```

```
z = DIST(91,115)
```

```
LOADCT, 39
```

```
WINDOW,1,TITLE='WORLD MAP',xsize=800,ysize=900
```

```
CONTOUR, z, x, y, /Follow, position=[0.1,0.1,0.9,0.9] $
```

```
, NLevels=20, XStyle=1, YStyle=1, /NoErase, /FILL
```

```
MAP_SET, /CYLINDRICAL, LIMIT=[23.0,17.0,42.0,32.0], /CONTINENTS $
```

```
, /HIRES, Mlinethick=1., position=[0.1,0.1,0.9,0.9] $
```

```
, /Noerase ;, /ISOTROPIC
```

```
MAP_CONTINENTS, /HIRES,color=255, /FILL_CONTINENTS, /CYLINDRICAL ; /mercator
```

```
MAP_CONTINENTS, /COAST, color=0, /HIRES, /CYLINDRICAL ; /mercator
```

```
MAP_GRID, charsize=1.25, color=100 ,latdel=2, londel=2 $
```

```
, /BOX_axes, GLineStyle=2
```

```
;-----
```

Thanks.

Sincerely.

Son
