Subject: FSC_color and loadct clashing
Posted by russell.grew on Sun, 17 Jun 2007 05:35:54 GMT

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Hi,

I've spent some time today making contour plots.

Huge thanks for David Fanning for his routines.

I have struck a problem! I really want my contour plot to have the Hue
Sat Lightness (loadCT, 20) colours, but I want a black set of axes
inclusive of colorbar. Currently running windows and plotting to
screen, but need to plot to 'x' and 'ps' also.

Thus, my code has:

```
; getting contours sorted
levels = 25
step = (maxz - minz) / levels
userLevels = IndGen(levels) * step + minz

loadct, 20

black = FSC_Colors('black')

device, decomposed = 0

Window, 0, Title='Display Output', XSize=800, YSize=600

Contour, powerspec, x, y, /Fill, Position=[0.07, 0.1, 0.9, 0.90], $
   Levels=userLevels, yrange = [0, 1], zrange = [minz, maxz], xrange =
[0, max(x)], $
 xstyle = 1, ytitle = 'Frequency (Hz)', xtitle = 'Time', color = black

colorbar,  Title='Power (dB)', Range=[minz,maxz], vertical = 1, $
 Position = [0.92, 0.1, 0.94, 0.9], right = 1, divisions = 4, color =
black
```

The problem is, there's a black line through my colorbar at the
equivalent of black (in this case green) for color table 20. If I
reverse the loadct and FSC_color commands, everything gets wrapped in
a green box.

Any idea how I can make my axes & labels black without getting a black
line through my colorbar?

Thanks.

Russell.