
Subject: Re: Image w/contours in PostScript?
Posted by [scolliek](#) on Tue, 09 Nov 1993 17:42:26 GMT
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> I'm having trouble printing color PostScript files created in
> IDL on our Tektronix Phaser IIidx printer. The files contain
> images upon which I would like to overlay contours. I have been
> doing the following to create my PostScript files:

[stuff deleted]

I handle this a little differently. I use device coordinates to set everything up.

In the following example, plot the contour of IMAGE(INX,INY).

```
----- start
set_plot,'PS'

; set the orientation dependent on x and y box sizes
if iny ge inx then begin ; use portrait mode
  x = inx/float(iny) * 8.0
  device,/inch,xsize=x,ysize=8.0,bits_per_pixel=8,xoffset=(8.5 -x)/2., $
    yoffset=1.5,/color,filename = file
endif else begin ; use landscape mode
  y = iny/float(inx) * 8.0
  device,/inch,xsize=8.0,ysize=y,bits_per_pixel=8,yoffset=9.5, $
    xoffset=(8.5-y)/2.,/color,filename = file,/landscape
endelse

!p.thick=2
!p.position=[0,0,1,1]

; now plot the contour
contour,image,/noerase,xstyle=5,ystyle=5,position=[0,0,1,1], /normal

device, /close
----- end
```

This works with our Tektronics Phaser color printer.

Good Luck,
--Keith Scollick
