
Subject: Re: 8-bit Postscript problem (Will IDL and color Postscript *ever* get along?)

Posted by [M-K](#) on Fri, 07 Jul 2006 18:06:35 GMT

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M-K wrote:

> The program works correctly on my X11 display, so I had actually
> been writing it to a png file and using ImageMagick ('convert') to
> make Postscript files. {Not bad, except for publications (and
> dissertation), the fonts are kinda marginal (no pun intended). }

>
> Thanks so much for your response (as well as the great progs
> you've made); here is a code example I used to generate a plot
> which can be converted to white-on-black Postscript:

oops- I meant black (print) on white (background), thus the
color=0 and BACKGROUND=-1 statements...

> TVImage, BYTSCL(wavgy[*,0:nz/06],MIN=-w_amp,MAX=w_amp), \$
> /ERASE, POSITION=[.12,.12,.8,.9], /MINUS_ONE, BACKGROUND=-1
> contour, wavgy[*,0:nz/06], x, z[0:nz/06], xtitle="x (m)", ytitle="z (m)", \$
> title=textoidl('vertical velocity field (ms⁻¹), \alpha_{fall}=0.5'), \$
> chars=1.5, /NODATA, /NOERASE, POS=[.12,.12,.8,.9], color=0
> colorbar, /vertical, /right, NCOLORS=256, POSITION=[0.83,0.15,0.85,0.85], \$
> RANGE=[-w_amp,w_amp],DIVISIONS=4, charsize=1.5, FORMAT='(F6.2)',
> color=0
>
> (the PNG file is then saved using your SAVEIMAGE prog, and converted
> using the -white-threshold and other options with the ImageMagick/convert
> linux goodie).
