Subject: Re: Colorbar with fixed level and color
Posted by David Fanning on Tue, 07 May 2013 12:42:06 GMT

Sam writes:

> Sorry,I forgot to mention about contour command I used.
>
> contour,z,levels=level,c_colors=colour,/cell_fill, c_linestyle=(level lt 0),/overplot,/noerase
>
> Here I find around zero lines the colour shift in one colour to that from colourbar.

Well, again, this confuses me. Why are the keywords OVERPLOT and NOERASE
being used together? Why CELL_FILL, since this is normally only used
with map projections, and there is no hint of a map projection here?

You loaded colors starting at color index 2 (Bottom=2), but your
contour plot is looking for colors starting at color index 0, and your
color bar is looking for the same colors at color index 1 (Bottom=1).

I'd say there is a pretty darn good chance your colors might be off a
little bit. :-)

If you match all this up, you should be good to go.

Another place to look for answers is in the Contour Plot chapter of my
book, available here:

   http://www.idlcoyote.com/books/tg/samples/tg_chap5.pdf

Cheers,

David
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Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")