# Subject: Re: Filled contours + labels of different color Posted by Jean H. on Tue, 25 Nov 2008 15:57:27 GMT

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#### MichaelT wrote:

> Dear all,

>

- > today I tried to do something very simple (I am using IDL 7.0): I have
- > filled contours of different colors (c colors=...). I also added
- > labels. Those labels, however, are now also in the colors of the
- > filled contours so you cant see them. Changing "color=" did not
- > help.

>

- > So how can I plot labels of a certain color + filled contours? If
- > there is a two step process, I do not mind: Eg. first plot the filled
- > contours without labels and then the labels with a different color
- > (white) but without additional contours! I was unable to come up
- > with a solution... Is it too obvious for me to see?

# hi,

what about doing the opposite? ... first contour + label in white, then overlay the contour in color (no label)? Use the same settings in both call to contour, except for the color obviously!

# Jean

- > Thanks.
- > Michael

Subject: Re: Filled contours + labels of different color Posted by David Fanning on Tue, 25 Nov 2008 16:59:57 GMT

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## MichaelT writes:

- > So how can I plot labels of a certain color + filled contours? If
- > there is a two step process, I do not mind: Eq. first plot the filled
- > contours without labels and then the labels with a different color
- > (white) but without additional contours! I was unable to come up
- > with a solution... Is it too obvious for me to see?

Typically, you draw the filled contours, and then overplot the contour lines:

data = dist(200)loadct, 5, ncolors=12, bottom=1 device, decomposed=0, get\_decomposed=theState contour, data, nlevels=12, /fill, c\_colors = indgen(12) + 1 contour, data, nlevels=12, /overplot, c\_label=replicate(1,12) device, decomposed=thestate

Of course, colors are wrong, etc. All the usual caveats. :-)

Cheers,

David

--

David Fanning, Ph.D. Coyote's Guide to IDL Programming (www.dfanning.com) Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Filled contours + labels of different color Posted by MichaelT on Wed, 26 Nov 2008 18:11:16 GMT View Forum Message <> Reply to Message

### Hi David!

- > Typically, you draw the filled contours, and then overplot
- > the contour lines:

Yes that is what I did. Only I do not want the additional white lines of the second contour plot, just the white labels. Is that possible in any way?

Background is that I want to overlay contour lines of another data set on the filled contours. So if you have the lines from the first data set + those of the second, the plot gets pretty crowded.

Thanks, Michael