
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: 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?

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
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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
