
Subject: CONTOUR plot

Posted by [Steven Thiel](#) on Fri, 19 Jul 1996 07:00:00 GMT

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I have somewhat of a complicated problem involving trying to generate a certain kind of contour plot. We have data that has been taken over the past five years and would like to display all of the data in a contour plot format with a time scale of only one year. In other words, we would like to display the data from, say, Jan. 22 of all five years at the same location on the time axis of the contour plot. We assumed that if we gave IDL more than one z value for any given (x,y) point, it would do some kind of averaging, smoothing or some other kind of trickery to arrive at a single value for the contour(or SHADE_SURF, or any other kind of 3D displaying method). If we try just giving the CONTOUR procedure more than one z value for each (x, y) point, however, it simply displays two contour plots superimposed on top of one another.

The alternative, of course, is for us to do some kind of external averaging or smoothing before we pass the data off to CONTOUR, but we don't want to have to do this if it is not needed. Any assistance on this subject would be greatly appreciated.

-S. Thiel

Subject: Re: contour plot

Posted by [penteado](#) on Mon, 04 Jun 2012 19:18:06 GMT

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On Jun 4, 6:10 am, m_ali <m_ali_201...@yahoo.com> wrote:

> Hi

> some body advise me to put my IDL question in comp.lang.idl-pvwave. I am a beginner in IDL and I need a help to solve my problem.

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

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> I have a measured surface air temperature at different meteorological stations.

> The data organized as follows

> Lon Lat temp

> _____

> lon_1 lat_1 T_1

> lon_2 lat_2 T_2

> ---- -

> ---- -

> Lon_n Lat_n T_n

> _____

>
> I would like to plot a contour of isothermal on a map
> could u tell me, what will i do?
> Ali
> --http://compgroup.net/comp.lang.idl-pvwave/
