
Subject: Re: Contour `wrapping' problem
Posted by [amit99](#) on Mon, 19 Jul 1999 07:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

In article <7mvqru\$41q\$1@nnrp1.deja.com>,
amit99@my-deja.com wrote:

- > This problem has been aggravating me for the last few days:
- >
- > I am plotting contours over maps using `map_set' to establish a
- > cylindrical grid of the globe and 'contour' to plot the data, which
- > covers the entire globe. For some reason some of the contours which
- are
- > open at the edge of the domain continue across the plot to the other
- > side give me horizontal lines on my plot. This doesn't happen on all
- > the open contours, just some of them. Any Ideas ?
- >
- > Amit amit@physics.utoronto.ca

I managed to figure out my problem and have corrected it. For those who are interested I was having problems because I was specifying the longitude coordinates from (0,360) instead of (-180,180), thus it was easy to fix.

Sent via Deja.com <http://www.deja.com/>
Share what you know. Learn what you don't.

Subject: Re: Contour `wrapping' problem
Posted by [Grady Daub](#) on Tue, 20 Jul 1999 07:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

I, too, have had this problem. Some have said that you must order your data monotonically. I've not tested this theory.

amit99@my-deja.com wrote:

- > This problem has been aggravating me for the last few days:
- >
- > I am plotting contours over maps using `map_set' to establish a
- > cylindrical grid of the globe and 'contour' to plot the data, which
- > covers the entire globe. For some reason some of the contours which are
- > open at the edge of the domain continue across the plot to the other
- > side give me horizontal lines on my plot. This doesn't happen on all
- > the open contours, just some of them. Any Ideas ?
- >
- > Amit amit@physics.utoronto.ca
- >

- > Sent via Deja.com <http://www.deja.com/>
 - > Share what you know. Learn what you don't.
-