
Subject: Re: Contouring zonally-symmetric fields with map_set

Posted by [rlefevre](#) on Mon, 22 May 1995 07:00:00 GMT

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In article <3pq5bt\$smd@kwuz.nerc-keyworth.ac.uk> wmc@unixa.nerc-keyworth.ac.uk (William Connolley) writes:

> From: wmc@unixa.nerc-keyworth.ac.uk (William Connolley)

> Subject: Contouring zonally-symmetric fields with map_set

> Date: 22 May 1995 13:59:25 GMT

> Hi all. I use map_set (specifically with polar stereos around the south pole,
> but I think that's irrelevant) and then contour. All works fine unless the field
> I am contouring is zonally symmetric (or a portion of it is). Then, IDL decides
> "ok, all the contours are at the same latitude, no need to draw circles, I'll draw
> straight lines". On a polar stereo plot, this then produces rubbish. If the field
> is entirely symmetric, all you get are dots at 0 E!!!

> I have a solution: add a small amount of random noise to the field. However, its a
> kluge (and therefore in the best traditions of programming... ;-)

> Any better solutions?

> - William Connolley wmc@bas.ac.uk

I had the same trouble with IDL 3.6.1. Get the new map_set from their server.
It worked for me.

Randy J. Lefevre
Return e-mail to rlefevre@tamu.edu
