Subject: Contouring zonally-symmetric fields with map_set
Posted by wmc on Mon, 22 May 1995 07:00:00 GMT
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Hi all. I use map_set (specifically with polar stereos around the south pole,
but I think that's irrelevent) 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