Subject: Re: Interpolation/gridding on a sphere?
Posted by sterner on Wed, 12 Jul 1995 07:00:00 GMT

tmote@unlinfo.unl.edu (thomas mote) writes:

> I have a need to interpolate and grid climate data for the northern
> hemisphere. I wish to know if anyone has IDL code to perform
> interpolation across the surface of a sphere. Can the routines in the
> IDL user's library be modified to accomplish this?

  You might be in luck if you have IDL Version 4. Here is an extract
  from the online help:

SPH_SCAT
The SPH_SCAT function performs spherical gridding. Scattered samples on
the surface of a sphere are interpolated to a regular grid. This routine
is a convenient interface to the spherical gridding and interpolation
provided by TRIANGULATE and TRIGRID. The returned value of the function
is a regularly-interpolated grid.

  I have not tried this yet.

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