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Subject: Spherical Harmonics.

Posted by [sjt](#) on Mon, 10 Apr 1995 07:00:00 GMT

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Does anyone have either of the following:

1) A routine to fit (low order) spherical harmonics to data. That is take data tabulated at selected latitude & longitude values and return spherical harmonic coefficients of the best fit.

or failing that:

2) A routine to return the value of a spherical harmonic function of given order at a given location?

I can't find anything in the major libraries (APL, ASTRO etc.)

If not I'll have a shot at (2) and post the result.

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