Subject: Re: spherical harmonics
Posted by parama mukherjee on Thu, 16 Jun 2011 20:50:38 GMT
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Thanks for the word of advice.
I am trying to work it out with Spherepack, alongside, I also want to work with this code so maybe I can even go on and compare both results at some point.
I cannot apply the concept of collocation points in wikipedia to this case. I have a data set with data at every longitude and latitude grid point, thats my input array. Now the output array will be of order lmax,lmax with coefficients for various l's and m's. So where does collocation point come into picture? and what does cosine(theta) have to do with it? I tried using cp as an array with cos(theta(values for theta : 90 : -90 but getting NaN answers.
-Parama