
Subject: Re: interpolation question

Posted by peter.albert@gmx.de on Thu, 20 Apr 2006 15:47:39 GMT

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Hi Chen,

if your input array is 2D, things are a bit more tricky. By brute force, you have to calculate all differences between all grid points and all "nearest neighbour" points, which, given sufficiently large arrays, is either very slow or very memory consuming, or both. But luckily, astronomers seem to have a need for this, therefore it's all done, after a discussion in this group, David has provided two routines and the way how to get there at

http://www.dfanning.com/code_tips/slowloops.html

Regards,

Peter
