Subject: What is "grid" doing?
Posted by mark on Sat, 23 Apr 1994 00:16:14 GMT

I have some non-uniformly sampled data that I would like to re-grid,
and I would like to use the "grid" function. The only problem is, I
want to know what it is doing before I blindly use it. I looked in
the source for the grid function, and it calls another function, this
time a binary executable (called "gridder"), that does that actual
regridding. Does anyone have an algorithm description for this
function?

Thanks
mark

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Subject: Re: What is "grid" doing?
Posted by landers on Mon, 25 Apr 1994 13:21:01 GMT

PV-WAVE? If so, look into fast_grid3.pro and grid_3d.pro. They're in the std
library (if you're at version 4.20 - otherwise they're with the ARL stuff).
these are pretty straight-forward gridders, with no derivative smoothing or
anything like that, but they are faster than grid (at least in my experience), and
you can see/modify what they're doing.