Subject: Re: Grid Transformation to a new grid
Posted by david[4] on Tue, 12 Feb 2008 11:23:49 GMT
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Hi,
I use this one to interpol with nearest_neighbour:
z_Data_limits=GRIDDATA(xutm_i(0:num_gates_max-1,*),yutm_i(0: num_gates_max-1,*),
$

z_data(0:num_gates_max-1,*,k,i),METHOD='NearestNeighbour'),T RIANGLES=tri....)

Is this what you want?

Cheers!

capmail79-google@yahoo.de wrote:
> Hello Everybody!
>
> I want to transpose 3D Radar values from an irregular grid to a
> definable 3D grid. Since I could not find any function for the 3D
> problem I tried the function trigrid for 2D grids, which works very
> well for the middle area of my domain, but does only poorly replicate
> the radar echoes on the edges. I assume, this is due to the
> interpolation of the values, which happens within the function.
>
> If I could have the source code of the function trigrid, i could
> possibly adapt it to my problem, but i could not find that.
>
> So I tried to find a function which just takes the value of the
> nearest neighbour and writes it on the new grid, without any
> interpolation. I did not succeed here, too.
>
> Does anybody know a program for my problem or where I can get the
> source code of the function trigrid? Or even better, it would be
> great, if there is a program which could handle the grid
> transformation problem quickly and efficiently on a 3D grid!
>
> Thanks, very much!
>
> Vera
>