
Subject: Regridding data

Posted by [asb](#) on Tue, 11 Apr 1995 07:00:00 GMT

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Does anyone have a program that takes 2D or 3D irregularly sampled data and regrid it on a cartesian array?

Thanks,
Alan Barnett

Subject: Re: regridding data

Posted by [davidf](#) on Fri, 05 Jan 2001 15:20:17 GMT

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Chris Taylor (swr99cpt@met.rdg.ac.uk) writes:

> I'd like to do SURFACE/SHADE_SURF plots of my data but the data is on a
> irregular grid with unequal x and y dimensions. This means I can't use
> TRIANGULATE and TRIGRID to regrid it. Is there any way around this?

It is not clear to me, from the details you supply, that the SURFACE command is completely ruled out. There is no requirement in the SURFACE command that the data be on a regular grid; irregular grids are fine. It's true that the TRIGRID command will interpolate given data to a regular grid, but even then it's not clear to me that the SURFACE command wouldn't show you a fairly decent representation of your data.

I guess I just need more information to be convinced.

Cheers,

David

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