
Subject: Re: Interpolation

Posted by [stl](#) on Fri, 03 Jun 1994 08:14:33 GMT

[View Forum Message](#) <> [Reply to Message](#)

In article <2sl5qp\$1q@apakabar.cc.columbia.edu> jun@eureka.phys.columbia.edu (Jun Xu) writes:

> I am using IDL to process and display 3D data. At some stage, I have to
> interpolate a volume $p=p(x,y,z)$ or a surface $z=z(x,y)$ defined on an irregular
> grid onto a regular grid. Does any one know any IDL program that has this
> capability?

hi,

Well, it depends on how mathimaticly correct you need this stuff. I believe you could do some very very complicated stuff here, but there is a relatively simple solution.

Use the trigrd and triangulate procedures in IDL. In the Reference manual, there is a good example in the Trigrd section of how this works.

-hope this help (sorry, but I am no mathimatician. Cannot spell fro squate either!)

-stephen

--

Stephen C Strebel

/ SKI TO DIE

stl@maz.sma.ch

/ and

Swiss Meteorological Institute, Zuerich / LIVE TO TELL ABOUT IT

01 256 93 85

/ (and pray for snow)
