David Fanning writes:

> Every couple of weeks I get an e-mail from someone whose
> data is "missing" and they want to replace it with the
> "correct" value. These e-mails bug me because if the
> data is "missing" how the hell would I know what the
> "correct" value is suppose to be?
>
> But, generally speaking, they want some method to
> guess at the "correct" values by looking around the
> neighborhood, shuffling their feet, etc. I guess we
> have all been tempted to fudge data, if only for
> aesthetic reasons, so maybe it is a legitimate request.
>
> What would you tell them to do?

I've written a small article on the subject of using
thin plate splines to correct missing data in a 2D
surface and I placed it here:

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

I have grave misgivings about doing this, but I figure
what happens in this newsgroup stays in this newsgroup.
At least I hope so. Please, please, use good judgment
if you chose to read the article. :-(

Any many thanks to all of you who offered good ideas. This
is probably not my last word on the subject. I'm learning
a lot. :-)

Cheers,

David

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Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")