
Subject: Re: problem with TRIANGULATION option in CONTOUR

Posted by [David Fanning](#) on Tue, 26 Oct 2010 00:54:12 GMT

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Ben Tupper writes:

> When I load the data you have posted and generate the triangulation I
> get a different number of triangles than you. You can see this in the
> output of help - note that tri2 has 19160 vertices. Also, you clip the
> maximum Z value when you use TRIGRID but you don't specify it for
> CONTOUR. I don't know if these are important issues, but perhaps you
> are unwittingly comparing apples to oranges?

Yes, now that I look at my code again, I didn't recompute the triangles, just used the ones provided. When I did the triangulation independently, I got the same number of triangles Ben got.

I noticed right away the discrepancy between the two images provided. And I wonder if the first figure (the one that used the TV command) and for which the triangles were presumably provided was actually created with a different data set than the second figure, which was created with the contour command.

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.")
