
Subject: Re: Triangulation invalid

Posted by [David Fanning](#) on Wed, 25 Sep 2002 13:59:07 GMT

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Daniel Luebbert (Daniel.Luebbert@desy.de) writes:

> I am trying to do a "contour" plot with the "triangulation=" keyword set
> to some [3,N]-array.
> Now, whatever I do, I always get the error message
> % Internal error: Triangulation is invalid.
> This is pretty independent of whether I construct my triangles "by hand"
> or via the "triangulate,..." procedure.
>
> Any ideas on what this means, how I can get more explicit error
> messages, or a workaround?

Try scaling your data (multiply it by 100 or something). I think
this error most often appears when triangle vertices are coincidental
(probably because of round-off error).

Cheers,

David

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