Subject: Re: closed surface
Posted by Chunlei Liu on Thu, 19 Sep 2002 20:44:38 GMT
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James,
Thank you very much for the infomation. Following your suggestions, I got the triangulate work, however the sphere still does not look right.

Maybe my method does not work anyway. Does anybody has any suggetions about constructing a closed surface from some points sampled on the surface?

Chunlei

On Thu, 19 Sep 2002, James Kuyper wrote:

> Chunlei Liu wrote:
> ...
>> Triangulate, vertexlist[0, *], vertexlist[1, *], $
>> tri,CONNECTIVITY=connect,/degrees
>
> The online help says that the DEGREES keyword is only effective if the
> SPHERE keyword is also used.
>
> ...
>> --> Triangulate, vertexlist[0, *], vertexlist[1, *], $
>> tri,CONNECTIVITY=connect,/degrees,FVALUE=myF,SPHERE=myS
>> ^^^^^^^^^^
>
> I think that what you want for myF is a copy of vertexlist[2,*]. It's an
> input, as well as an output.
>
> The online help doesn't mention the fact that when you use the FVALUE
> keyword, TRIANGLULATE rearranges not only the FVALUE, but also the
> corresponding 'x' and 'y' arguments. Therefore, 'x', 'y', and 'myF' must
> be passed by reference; which means that they have to be the names of
> variables, not subcript expressions.
>