
Subject: Re: What is 'iadj' and 'iend' in TRIANGULATION?

Posted by [Spon](#) on Fri, 03 Oct 2008 13:33:57 GMT

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On Oct 1, 3:14 pm, "Karlo Janos" <idl.20.beam...@spamgourmet.com> wrote:

> Hello all!

>

> I'd like to use IDL's function TRIANGULATION for determining the
> nearest neighbor on the surface of a sphere. Unfortunately the keyword
> 'CONNECTIVITY' doesn't work together with 'SPHERE'. But I found in the
> struct of SPHERE the fields 'iadj' and 'iend'. What do they mean? I did
> not find any explanation about this struct.

> Best regards

>

> Karlo

Hi Karlo,

The output of the SPHERE keyword is designed to be passed to the TRIGRID function. The TRIANGULATE helpfile states that 'The structure contains the 3D Cartesian locations sample points and the adjacency list that describes the triangulation.', so I'm guessing .iadj and .iend are fields that contain information about the adjacency list. Have a look at Example 2 in the TRIGRID helpfile.

If you want to find out what the arrays in these structure fields actually _mean_, then I'm afraid I'm no use to you! :-/

Regards,
Chris
