
Subject: Re: Problem about TRIANGULATE

Posted by [qunjie0111](#) on Sat, 09 Feb 2008 13:29:00 GMT

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> On Feb 8, 8:49 am, qunjie0...@163.com wrote:

>
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>
>> HALLO:
>> I wanted to interpolate the irregularly data (satellite data) to
>> regularly_gridded data, and used TRIANGULATE and TRIGRID function ,but
>> after run the .pro ,there was a problem:
>
>> Attempt to store into an expression: <FLOAT Array[912]>.
>> Execution halted at: HALOE_TRIGRID 176 E:\haloe\haloe_trigrid.pro
>> \$MAIN\$
>> MY CODE:
>> fidr=ncdf_open('h:\haloe\HALOE_Version19_sr_2004_03.nc')
>> varid=ncdf_varid(fidr,'latitude')
>> ncdf_varget,fidr,varid,lat
>
>> varid=ncdf_varid(fidr,'longitude')
>> ncdf_varget,fidr,varid,lon
>
>> varid= ncdf_varid(fidr,'theta')
>> ncdf_varget,fidr,varid,theta
>> ncdf_close,fidr
>
>> index_theta=where(theta[0,*] ne 1.00000e+024)
>> TRIANGULATE, lon[0,index_theta], lat[0,index_theta],
>> Tri,sphere=s,fvalue=f,/degrees
>> grid_data = trigrid(f,[2.5,2.5],[0,-80,357.5,80],sphere=s,/degrees)
>> .
>> .
>> .
>> What's the problem? Please help me!
>> thanks!
>
> Have a look at:http://groups.google.com/group/comp.lang.idl-pvwave/browse_thread/thr...
>
> It boils down to having to define the x, y and fvalue variables before
> passing them to triangulate so they can be sorted properly.
>
> Take care,

>

Thank Spon for your guidance, I am tring.
