
Subject: how to use MIN_CURVE_SURF when CONTOUR

Posted by [qunjie0111](#) on Sat, 15 Sep 2007 02:01:47 GMT

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hello!

my data is data(144,73).

longitude: lon = indgen(144)*2.5

latitude: lat = indgen(73)*2.5-90.

Before I CONTOUR it, I want to smooth the data, using the function

MIN_CURVE_SURF. MY code is:

```
smoothdata=MIN_CURVE_SURF(data,xvalues=lon,yvalues=lat,gs=,$
[1.0,1.0],bounds=[0,-90,359,90],/sphere,/TPS)
```

But, after running, there are some errors:

Attempt to subscript P3 with J is out of range.

Error occurred at: MIN_CURVE_SURF 310 D:\RS\IDL63\lib

\min_curve_surf.pro

ZONAL_MEAN_DATA 45 E:\DATA\ECMWF\zonal_mean_data.pro

\$MAIN\$

Execution halted at: ZONAL_MEAN_DATA 45 E:\DATA\ECMWF

\zonal_mean_data.pro

Program caused arithmetic error: Floating illegal operand

I don't know how to correct them, please help me! thanks!

zuoqunjie
