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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 runing ,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

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