
Subject: interpolation/gridding

Posted by [kishore1818](#) on Wed, 19 Mar 2008 20:36:52 GMT

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Hi,

I need some help about the IDL interpolation or gridding function.
I have two data sets, both data sets are longitude x latitude wise in
this one is regular and another is irregular wise. I will give example
then you will get clear idea about my problem.

Data1: irregular data1 set

longitude1=[10.5,21.4,0.51,170.45,.....]= 600 points

latitude1=[12.5,0.2,12.2,-10.2,-5.5,.....]= 600 points

date1 = [21.32.12.45.13.45.2.34.1.23.] = 600 points

Data2: regular grid model data sets (97 x 48)

longitude2=[0.0,3.75,7.5,11.25.....] = 97

latitude2= [-87.15,-83.47,-79.77...] = 48

data2= [97 x 48]

I want to interpolate/grid the model(Data2) values to the nearest
longitude1 x latitude1 (data1) sets.

How to interpolate the model (data2) values to the data1 values.

I am awaiting for your reply,

Thanking you,

Kishore
