
Subject: Help with co-ordinate conversions...

Posted by [ratnakar amaravadi](#) on Fri, 04 Nov 1994 15:48:38 GMT

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I have 3 1-D arrays of equal length, Z,X,Y. Z(i) is the value of Z at X(i),Y(i). X,Y are very irregularly gridded. How do I convert this data, for use with the SURFACE command. To tell you something about X,Y:

```
xmin=min(X)
xmax=max(X)
ymin=min(Y)
ymax=max(Y)
n_elements(X)=n_elements(Y)=N
```

```
X(0:n1) is between xmin and xmax
X(n1+1,n2) is also between xmin and xmax.
X(n2+1,n3) is also .....
```

```
..
```

```
..
```

```
X(n+1,N-1) is also between xmin and xmax
```

It is exactly the same way for Y.

can any one tell me how I can transform this data for use with SURFACE.

I could be making the problem more complicated than it really is. Sorry, if that is the case.

ratnakar amaraavadi
