
Subject: Re: ??% TRIGRID: X, Y, or Z array dimensions are incompatible?? what the....

Posted by [Med Bennett](#) on Mon, 18 Oct 1999 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

This gives an error because a,b, and c have to have the same number of elements - you have to have one and only one value of c for each [a,b] coordinate pair. Try

```
gridData = trigrid(a, b, c[:,0], ang)
```

Todd Bowers wrote:

```
> Why does this give me an error? I'm just trying to
> test the gridding routines to get a feel for them
> before I dive in with real data.
>
> IDL> a = [0.0,1.0,2.2]
> IDL> b = [1.1,2.8,3.6]
> IDL> c = [ [0.0,1.1,2.2], [1.0,2.1,3.2], [2.0,3.1,4.2] ]
> IDL> triangulate, a, b, ang
> IDL> gridData = trigrid(a, b, c, ang)
> % TRIGRID: X, Y, or Z array dimensions are incompatible
> % Execution halted at: $MAIN$
>
> huh?
```
