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Subject: interpol

Posted by [Earl Thompson](#) on Thu, 30 Jul 1998 07:00:00 GMT

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greetings...

I am calling interpol and getting results that do not make sense.  
The call is of the form

```
x=interpol(xin,yin,y2in)
```

I run two cases -

1. In the first case, xin, yin, and y2in each have 30 elements.
2. In the second case xin, yin, and y2in are each only 20 elements long. They contain a portion of the the first cases's data ( the last 20 points ).

The problem is that the values of x in the 20 element case are different than in the 30 element case even though the xin, yin, and y2in arrays are the same for the 20 input elements common to both cases.

I could be doing something stupid and just not seeing it or the routine has a bug.

Anybody got a few words of wisdom?

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