

---

Subject: Re: interpolation of data

Posted by [David Fanning](#) on Wed, 06 Apr 2011 12:58:21 GMT

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

---

abc writes:

```
> I have used the function named INTERPOL and INTERPOLATE but it is
> showing me the following error.
>
> "Result = INTERPOL(flux of 2nd data set,wavelength of 2nd data
> set,wavelength of first data set ,/spline)"
>
> error = X must have the same number of elements as V, and the values
>
> i don't know how i can make the wavelength of 2nd data = wavelength of
> first data set
```

I think it is likely you just made a (typing?) mistake when you extracted your data for "flux of 2nd data set" and "wavelength of 2nd data set". Your pseudo code looks correct to me.

But, of course, it is easy enough to test those two values to be SURE they are the same length. I presume they are just the two columns of your data set.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

---