
Subject: Re: learning how to use mpfit,. need help
Posted by [David Fanning](#) on Tue, 25 Feb 2014 21:44:24 GMT
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alkyl47@gmail.com writes:

```
> I am new to idl and learning how to use mpfit but run into error, please help if you have time.  
>  
>  
> IDL version 6.3  
>  
> ///////////////////////////////////  
> IDL> x = findgen(101)  
> IDL> y = 25.*exp(-(x-32.)^2/(2*5.^2))+2.*randomn(0,101)  
> % Program caused arithmetic error: Floating underflow  
> ///////////////////////////////////  
>  
> these are the tutorial from the daedalus.as.arizona.edu group.
```

Can't help you with MPFIT because I can't even see where you are using it. I can help with underflow errors, the nemesis of many an IDL programmer:

http://www.idlcoyote.com/math_tips/underflow.html
http://www.idlcoyote.com/code_tips/underflow.html

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thue. ("Perhaps thou speakest truth.")
