
Subject: Re: mpfit

Posted by [Craig Markwardt](#) on Thu, 02 Nov 2017 15:54:24 GMT

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

On Thursday, October 26, 2017 at 2:34:38 AM UTC-4, Bhuvi wrote:

```
> Hi,  
> I am using mpfit to fit the voigt profile to the given data. But I am getting an error like this  
> GDL> res=mpfit('voigt',p0,functargs=fa,STATUS=staus,ERRMSG=errmsg )  
> GDL> print,res  
>          nan  
> GDL> print,errmsg  
> ERROR: recursion detected; you cannot run MPFIT recursively  
>  
> How do we know where is the recursion happening and how to avoid the recursion?
```

I'm guessing you had one MPFIT session crash in the middle of a fit, then you tried to run it again. As documented in `mpfit.pro`, you can run `MPFIT_RESET_RECURSION` to reset the recursion detection.

Craig
