
Subject: Re: Voigt function in mpfit

Posted by [wlandsman](#) on Wed, 25 Oct 2017 15:01:12 GMT

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It looks the program is using the intrinsic IDL Voigt function which has 2 parameters:

<http://www.harrisgeospatial.com/docs/VOIGT.html>

--Wayne

On Wednesday, October 25, 2017 at 7:15:59 AM UTC-4, abc wrote:

```
> HI, I have set of data of an absorption spectra and I want to fit the voigt profile using mpfit. The
function I am using is http://www.heliiodocs.com/php/xdoc\_print.php?file=\$SSW/yohkoh
/ucon/idl/metcal/vs/voigt.pro
> But I am getting error as
> GDL> res=mpfit('voigt',p0,functargs=fa)
> % VOIGT: function VOIGT takes 2 params: 'Result = VOIGT(A,U)'
> % Execution halted at: MPFIT_CALL_FUNC_EXTRA 1396
/home/abc/Documents/gdl/pro/pro/mpfit.pro
> %          MPFIT_CALL      1439 /home/abc/Documents/gdl/pro/pro/mpfit.pro
> %          MPFIT          3185 /home/abc/Documents/gdl/pro/pro/mpfit.pro
> %          $MAIN$
> Kindly help
```
