
Subject: Voigt function in mpfit

Posted by [abc](#) on Wed, 25 Oct 2017 11:15:57 GMT

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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.heliodocs.com/php/xdoc_print.php?file=\\$SSW/yohkoh/ucon/idl/metcalfe/voigt.pro](http://www.heliodocs.com/php/xdoc_print.php?file=$SSW/yohkoh/ucon/idl/metcalfe/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
