
Subject: Re: Voigt

Posted by [Amara Graps](#) on Tue, 10 Sep 1996 07:00:00 GMT

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Sorry, my previous explanation wasn't complete. You would need to know what the Voigt function parameters are.

`v = dblarr(6) ;holds estimates of Voigt function parameters`

`v(0)` Line strength

`v(1)` Line position in terms of wavenumber array

`v(2)` Lorentz width

`v(3)` Doppler width

`v(4)` Line intercept

`v(5)` Line slope

`x0(i)` = array of wavenumbers

Then

`yfit = (v(4) + v(5)* x0) * expu`

Where "expu" is the rational function approximation to the Voigt function described in the previous code.

Amara

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