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Subject: Re: scattering data with MPFITFUN

Posted by [Craig Markwardt](#) on Thu, 20 Jun 2013 03:51:16 GMT

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On Wednesday, June 19, 2013 6:49:43 PM UTC-4, Nafiseh Masoumzadeh wrote:

> Hello,

>

> I have some data which I simply want to fit  $p[0]*x^P[1]$  on them, But

> I don't know I am receiving very far results!

> I am using mpfitfun like this:

>

> start=[0.001, 0.1]

> results=MPFITFUN('MYFUNCTION', x, y, err, start)

>

> I applied this function and points in MATLAB (fitting toolbox) , and I had reasonable coefficients

.

MPFITFUN can solve problems like this.

What happens when you say,

YMODEL = MYFUNCTION(X, START)

Do you get sensible values for YMODEL?

You should also be checking the STATUS and ERRMSG keywords to see if there is a more informative error message.

Craig Markwardt

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