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