
Subject: Re: mpfit: meaning of status flag

Posted by [Craig Markwardt](#) on Fri, 27 Apr 2007 18:32:47 GMT

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Maarten <maarten.sneep@knmi.nl> writes:

> Hi,

>

> I'm using mpfit (actually mpfitfun) to do some fitting. Even though

> the fit seems to converge properly, for all fits I get the message:

> improper input parameters. Is this a problem? I must admit that I

> thoughtfully abuse the X variable, to pass some extra information around,

> but as far as I know, mpfit does not touch this variable. On the other

> hand, looking at the list of possible status values, I wouldn't know

> exactly what's good, and what isn't.

As you suspect, neither MPFIT nor MPFITFUN touches the "X" values. As I note on my FAQ, check the ERRMSG keyword for a text description of the problem. Usually you have specified a model parameter outside of its limits or something like that.

Craig

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Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
