Subject: mpfitfun and complex data
Posted by Pom on Fri, 13 Feb 2015 12:09:37 GMT
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Hello,

I recall a long while back there is a note from someone (I can not find that comment anymore) mentioned that mpfitfun.pro from Craig Markwardt does not support complex data set? Is this true?

Sorry, if I was wrong but thanks for the comment.

Subject: Re: mpfitfun and complex data
Posted by Helder Marchetto on Fri, 13 Feb 2015 12:31:27 GMT
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On Friday, February 13, 2015 at 1:09:41 PM UTC+1, larry wrote:
> Hello,
>
> I recall a long while back there is a note from someone (I can not find that comment anymore) mentioned that mpfitfun.pro from Craig Markwardt does not support complex data set? Is this true?
>
> Sorry, if I was wrong but thanks for the comment.

Hi,
this is the post you are looking for:
 https://groups.google.com/d/msg/comp.lang.idl-pvwave/Q2TaJS- ByLs/uda-kcyNBYgJ

HTH,
Helder

Subject: Re: mpfitfun and complex data
Posted by   on Fri, 13 Feb 2015 13:01:28 GMT
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Den fredag 13 februari 2015 kl. 13:31:28 UTC+1 skrev Helder:
> On Friday, February 13, 2015 at 1:09:41 PM UTC+1, larry wrote:
>> Hello,
>>
>> I recall a long while back there is a note from someone (I can not find that comment anymore) mentioned that mpfitfun.pro from Craig Markwardt does not support complex data set? Is this true?
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>
> HTH,
> Helder

I didn't exactly bring it up as a problem, more as a mistake I had made and what the symptom was...

And it was mpfit, not mpfitfun.

Subject: Re: mpfitfun and complex data
Posted by Craig Markwardt on Sat, 14 Feb 2015 23:05:09 GMT
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On Friday, February 13, 2015 at 7:09:41 AM UTC-5, larry wrote:
> Hello,
>
> I recall a long while back there is a note from someone (I can not find that comment anymore) mentioned that mpfitfun.pro from Craig Markwardt does not support complex data set? Is this true?
>
> Sorry, if I was wrong but thanks for the comment.

MPFIT does least squares minimization on real numbers, not complex numbers. What do you expect to be minimized in the complex domain? (I think I know the answer, but maybe I don't make the same assumptions as others.)

Craig