
Subject: Re: Curve Fitting to timeseries using a set of 8 sine and cosine functions
Posted by [Craig Markwardt](#) on Mon, 03 Nov 2014 04:49:08 GMT

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On Friday, October 31, 2014 11:12:03 PM UTC-4, siumt...@gmail.com wrote:

> My question is not resolved yet.

>

> Craig: Why you did not suggest me to use your MPFIT code for fitting my model.

You can use MPFIT if you want. As you mentioned in the original post, you knew about MPFIT already, so why did I need to suggest it again?

In any case, since an FFT does produce a least squares set of fourier coefficients, using MPFIT is kind of overkill.

You said this,

> I have attempted to used multiple linear regression to solve the problem .

> However, when I plot the original data with fitted line, I did not find good

> result.

So - given your model - how do you know there is a better result?

Craig
