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Subject: Re: Curve Fitting to timeseries using a set of 8 sine and cosine functions  
Posted by [siumtesfai](#) on Tue, 04 Nov 2014 23:14:59 GMT

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Thanks both,

You helped me.

Best regards

On Sunday, November 2, 2014 11:49:10 PM UTC-5, Craig Markwardt wrote:

> 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

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