
Subject: Least Square

Posted by [rjh55](#) on Thu, 07 Aug 1997 07:00:00 GMT

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Dear all,

I was wondering if the following can be solved using IDL (V4)

Data:- Change in voltage against time

Result:- Sinusoidal wave

Is it possible to find the line of best fit, and thus derive its equation using IDL?

The form of the equation is as follows:-

$$y = a * \sin(b*x + c)$$

Many thanks in advance

Richard

Subject: Re: Least Square

Posted by [David Foster](#) on Tue, 12 Aug 1997 07:00:00 GMT

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R.J. Hall wrote:

>

> Dear all,

>

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>

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>

Richard -

Check out the CURVEFIT procedure, or maybe one of the "See Also" routines at the end of the on-line help for this function.

Dave

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