Subject: Least Square

Posted by rjh55 on Thu, 07 Aug 1997 07:00:00 GMT

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Dear all,

I was windering if the following can be solced 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:
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> Dear all,

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> y = a * sin (b*x + c)

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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