
Subject: Re: Least Square

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

[View Forum Message](#) <> [Reply to Message](#)

R.J. Hall wrote:

>
> Dear all,
>
> I was wondering 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:-
>
> $y = a * \sin(b * x + c)$
>

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

--

~~~~~  
David S. Foster      Univ. of California, San Diego  
Programmer/Analyst   Brain Image Analysis Laboratory  
foster@bial1.ucsd.edu   Department of Psychiatry  
(619) 622-5892      8950 Via La Jolla Drive, Suite 2200  
                    La Jolla, CA 92037  
~~~~~