
Subject: Curvefit on PV-Wave

Posted by [rkj](#) on Thu, 01 Jun 2000 07:00:00 GMT

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Does anyone have a *PV-Wave* routine that will perform a non-linear least squares fit? Apparently I am not the only one unhappy with the standard CURVEFIT function; I have seen a number of IDL routines that would probably give the desired results.

Maybe I should port these to PV-Wave? This appears to be somewhat involved however.

Kyle J.

Subject: Re: Curvefit on PV-Wave

Posted by [davidf](#) on Thu, 01 Jun 2000 07:00:00 GMT

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R. Kyle Justice (rkj@dukebar.crml.uab.edu) writes:

> Does anyone have a *PV-Wave* routine that will perform a non-linear
> least squares fit? Apparently I am not the only one unhappy with
> the standard CURVEFIT function; I have seen a number of IDL routines
> that would probably give the desired results.
>
> Maybe I should port these to PV-Wave? This appears to be somewhat
> involved however.

This is a totally uninformed opinion, of course, but
I should have thought the porting would be a slam-dunk.

Cheers,

David

P.S. Let's just say I doubt if the +, -, *, and / operators
have changed much from when IDL and PV-Wave were the same thing. :-)

--

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: Curvefit on PV-Wave
Posted by [Karl Young](#) on Wed, 07 Jun 2000 07:00:00 GMT
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Gee, when are we going to have IMSL style options in IDL... :-(

> : "R. Kyle Justice" wrote:
> : >
> : > Does anyone have a *PV-Wave* routine that will perform a non-linear
> : > least squares fit? Apparently I am not the only one unhappy with
> : > the standard CURVEFIT function
> :
> : Do have the IMSL Math/Stats option for PV-WAVE? If so,
> : then a good option for non-linear fitting is the
> : NLINSQ function, which solves a nonlinear least-squares
> : problem using a modified Levenberg-Marquardt algorithm.
> :
> : Hope this helps,
> : M. Williams
> : Resource Engineering, Inc.
> :
> My Math toolkit has been lying around dormat for some time so I forgot
> to look there. Thanks! It works perfectly.
> :
> Kyle

--
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