
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:

> David, I thought tennis was your forte ;-) As an avid hoopster myself,
> all I can say is that the apparent "slam-dunk" hit back-iron and
> rebounded all the way back to mid-court. You should be familiar with
> this since you are presumably a Nuggets fan :-P

Indeed, tennis is my game. And now that the subject of the Nuggets
has been brought up I'm giving up basketball entirely. :-(

Cheers,

David

P.S. Let's just say I'm the only non-seeded player left in the
quarter finals of 4.0 draw of the big Memorial Day tournament. We're
about to find out if I'm playing as good as I think I am playing
in about two hours when I play the No. 2 seed. :-(

I did knock of some hot-shot youngster from the University
in a three-setter when I used smarts instead of power. Maybe
there *is* something to be said for getting older. :-)

--

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

Subject: Re: Curvefit on PV-Wave
Posted by [rkj](#) on Thu, 01 Jun 2000 07:00:00 GMT
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David Fanning (davidf@dfanning.com) wrote:
: 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.

David, I thought tennis was your forte ;-)
As an avid hoopster myself, all I can say is that the apparent "slam-dunk" hit back-iron and rebounded all the way back to mid-court. You should be familiar with this since you are presumably a Nuggets fan :-P

: Cheers,
: David

Kyle

Subject: Re: Curvefit on PV-Wave
Posted by [Mark D. Williams](#) on Thu, 01 Jun 2000 07:00:00 GMT
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Hi Kyle,

"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.

Subject: Re: Curvefit on PV-Wave
Posted by [rkj](#) on Fri, 02 Jun 2000 07:00:00 GMT
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: "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 dormant for some time so I forgot to look there. Thanks! It works perfectly.

Kyle
