Subject: Re: How can one improve the derivative?
Posted by David Fanning on Thu, 28 Nov 2013 13:35:17 GMT
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g.nacarts@gmail.com writes:

> This is what I did, I was playing with different values for nL and nR. But I was wondering if there
is any specific rule. Also, when I used order=1 to give me the first order derivative filter the answer
was not converges at all.
> At order 0, the Savitzky-Golay filter seems to make the things better but not much.

There is a good example of high frequency filtering with the FFT
function in the Image Processing chapter of Coyote's Guide to
Traditional IDL Graphics.

I found three of these books in the back of the closet, in case you are
interested. These are the last three. I'm providing free shipping in the
US while they last.

   http://www.idlcoyote.com/coyotestore/

Cheers,

David

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David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")