
Subject: Re: "Correct" Data Philosophy

Posted by [David Fanning](#) on Wed, 30 Dec 2009 22:14:32 GMT

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Kenneth P. Bowman writes:

> You can download the interpolation chapter from my book here
>
> http://csrp.tamu.edu/pdf/idl/sample_chapter.pdf
>
> I also made a sample program that shows how to fit sines and
> cosines using least-squares (REGRESS in this case).
>
> http://csrp.tamu.edu/downloads/fft_vs_least_squares.pro.zip
>
> Most of the program is concerned with printing and plotting. The
> actual calculations don't take much space.

Ken, I have been studying this example and the last two chapters in your book much of the day. I have to say, this is probably the first time in my life that I have a practical understanding of what the FFT actually does! And from your examples, it even seems obvious to me what FFT filtering is all about.

Thanks very much for providing this information. :-)

Have a Happy New Year!

David

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
