In article <MPG.25a57eb349d570149896c4@news.giganews.com>,
 David Fanning <news@dfanning.com> wrote:

> 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

Hi David,

Glad that I could help. :-)

If I ever find time to work on a second edition, I am hoping to
add chapters on other methods such as matrix solutions, EOFs,
numerical solution of ODEs, and numerical integration.

I will have to deal with the difficult problem of how much
mathematical detail to include in an introductory programming book.
But it will be fun!

Cheers, Ken