Subject: Re: negative return values after FFT
Posted by news.qwest.net on Fri, 28 Jul 2006 22:46:03 GMT
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<adisn123@yahoo.com> wrote in message
news:1154029980.397254.232310@h48g2000cwc.googlegroups.com.. .

> How do I interpret the "negative" spacial pixel values after inverse
> FFT?

Did you filter away the DC level? How does the mean of the
original compare with the mean of the filtered image.

What type of filter is it (low pass? high pass?).
I would be suprised to see a low pass filter extend the span of the data.
In fact, I would be surprised to see any filter extend the span of the data
by any appreciable amount.

Cheers,
bob

PS it seems like you solved the problem with "complex" values. I would
have mentioned to be sure your filter is "symmetric" about the origin in 2d
fourier
space, in order to ensure a real valued result.