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Subject: FFT: How to select BW and frequency  
Posted by [hahn](#) on Mon, 21 Jul 1997 07:00:00 GMT  
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Hi,

I shot several photos of objects that were behind a curtain. Now I want to eliminate the vertical and horizontal white streaks from the pictures. The photos are stored as 24 bit tiff images. To get familiar with the problem I read the blue image of one picture into the FFT demo of IDL 3.01 and played with a band pass filter to get the vertical lines of the curtain as good as possible, having the band width as low as possible.

I manage to see the vertical lines in the filtered picture but when I switch to the "band reject" function of the FFT demo, the lines are not removed.

When I look at the first scan line of the photo I find 7 pixels that are o.k. and 2 pixels that represent a part of the curtain. So the following question comes up:

What is the relation of the number of pixels I want to change and the bandwidth and frequency in the FFT program?

I selected the FFT demo as a first iteration because the streaks made by the curtain are highly periodic. But, what other program can be used instead of FFT?

Thanks for any help,

Norbert

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