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Subject: floating type input to FFT

Posted by [Meghan Canning](#) on Tue, 29 Feb 2000 08:00:00 GMT

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Hi there,

I have been using the FFT function, and have just realized that the output spectra generated is wrong. More specifically, I read in an image, and depending on whether I pass it straight through the function, or scale it/convert to float (using FLOAT), the output changes. As far as I can tell, it's fine when I just pass in image data (integer gray values). When I convert to floating type first, the magnitude and PSD result in a very unusual symmetry.

Any ideas?

Meghan

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