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Subject: FFT function

Posted by [Jonas](#) on Thu, 27 Aug 1998 07:00:00 GMT

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Hi!

I use the FFT function in IDL to reconstruct MR Images. My colleague instead uses an FFT module in Delphi when performing the same task.

His resulting images (when rounded to integer) have modulus pixel values well inside the limits for a 16 bit integer, i.e. +-32000 something. The IDL FFT, on the other hand, produces images that look the same but with pixel values of several millions.

The problem is that I want to save the modulus image information to a 16 bit integer file, and using IDL forces me to scale each image. This is not desirable.

Anyone knows of differences in different fft algorithms? How should I perform the scaling? I need a standard scaling value that allways can be used, not depending of the maximum pixel values in each image.

Jonas

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