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Subject: Non-uniform FFT?

Posted by [Eric Hudson](#) on Tue, 05 Apr 2011 16:54:12 GMT

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Hi,

I was wondering if anyone has implemented a non-uniform FFT algorithm in IDL. We have non-regularly spaced real space data that we need to Fourier transform, and it is painfully slow to do the discrete transform. I have found several c algorithms online (e.g. <http://www-user.tu-chemnitz.de/~potts/nfft/download.php>) but before launching into either converting them or figuring out how to run C code from within IDL thought maybe someone else had already gone to the trouble.

Thanks,  
Eric

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