
Subject: Re: Two dimensional fast fourier transforms

Posted by [Ewan A. Macpherson](#) on Sun, 08 Dec 1996 08:00:00 GMT

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W.K. Wells wrote:

> I am looking for routines for two dimensional fft's written for the
> IDL environment. Any help along these line would be greatly > appreciated.

I don't know whether this method will be too slow for your purposes, but
a 2D FFT can be performed on an array in the following way:

- replace the data in each of the N rows with their M-point, 1D FFT
- then replace the resulting columns with N-point, 1D FFTs
- that's it

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