
Subject: FFT OF A NON RECTANGULAR IMAGE

Posted by [legall_alice](#) on Tue, 28 Oct 2008 16:23:38 GMT

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Hi all:

How can we do a FFT on a 2D-function that defines a non-rectangular image?

Here is an example: the region of interest is an inclined ellipse. To be able to apply `FFT(array,1)`, I created an array where all the pixels around the ellipse are set to the value zero. I would like to exclude from the FFT process the black area (zero value pixels) surrounding the ellipse.

Thank you a lot in advance for your help,

Alice Le Gall
