
Subject: Fourier transform,
Posted by [dinhnq](#) on Wed, 30 Jan 2002 11:41:12 GMT
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Dear all,

I have an array (200,200,12). The variable change during 12 months. I want to smooth this variable by creating new array with the same dimensions that contain the results from Fourier transform. FTT function return fourier coefficients for each pixel but not all. Any helps would be very appreciate,

Dinh Huong

Subject: Re: fourier transform
Posted by [mperrin+news](#) on Mon, 01 Aug 2005 21:12:43 GMT
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Pravs <praveshsubramanian@yahoo.com> wrote:

> Hi ,
>
> I am trying to convolute a huge gaussian kernel ([192,192]) with an
> image array ([512,512]). of course, if i had all the time on earth, i
> could use the convol routine.
> can someone tell me how do i get it done faster by using fourier
> transform?
> more specifically,
>
> smoothimage = raw convol image
>
> = something in terms of fourier transform

The easiest way may be to use the CONVOLVE routine from the Goddard IDL astronomy library. You can download it from <http://idlastro.gsfc.nasa.gov>.

- Marshall
