
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
