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