Subject: Re: Can it be done?
Posted by john on Sat, 05 Jan 2002 13:33:58 GMT
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Hi

I want to do this:
 Open and read a BMP file
 And then carry out a 2D-FFT
 Save the result as BMP file, but with data shifted such that DC
 component is in the middle of the image.

I tried the followings:

MYIMAGE=READ_TIFF('c:\image2c.tif')
TV, MYIMAGE
R=FFT(MYIMAGE)
TV, R

It seems the displayed result is the FFT result, but is it really a
2D-FFT ?
And could anyone show me how to shift the dc point at the center of the
display ?

Many Thanks in advance

John

john ï¿½gï¿½Jï¿½G
>
> Hi
>
> I am new on IDL and actually have just installed the trial yesterday.
> I am wondering could anyone help and provide me some sample on the
> following task:
>
> Open and read a BMP file
> And then carry out a 2D-FFT
> Save the result as BMP file, but with data shifted such that DC
> component is in the middle of the image.
>
> Can it be done easily with only a few command ?
> Would youshow me how ?
> Many Thanks in advance

>
> Best Regards
>
> John