Subject: FFT on a huge array Posted by Luca Bertello on Wed, 16 Jan 2002 20:52:41 GMT View Forum Message <> Reply to Message

Dear all,

I have a huge file containing a 3-D array (series of images) and I have to perform a

FFT on this array. Unfortunately, due to the limited resources of my system,

I cannot simply allocate the full array (say a=fltarr(npt_x,npt_y,npt_t)) in memory and then calculate FFT(a). Does anyone know an efficient way to solve this problem on

IDL? A 3-D FFT can of course be computed either as three 1-D FFTs or a 2-D FFT and 1-D FFT, but I'm having some trouble with the I/O. Please forward

you answers to my email address as well, since I don't have to many opportunities to read this newsgroup.

Thanks in advance,

Luca

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