
Subject: Inverse FFT

Posted by [aultc](#) on Mon, 16 Dec 2002 16:33:39 GMT

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Hi,

I hope someone help me with a problem I am having with the FFT function.

I have a signal f_t , which I then take the FFT of to produce its corresponding spectral components. I then want to manually compute its inverse FT, rather than using the IDL FFT(.../inverse) function.

The reason for this is that I want each spectral component to propagate at different velocitys over a time period t . Hence, when the signal is recombined t seconds later, the signal *should* look different.

I am not having much luck at the moment, so any suggestions on this problem will be gratefully received.

Thanks,
Colin
