
Subject: Re: Inverse FFT

Posted by [aultc](#) on Tue, 17 Dec 2002 11:10:06 GMT

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I should also add that the piece of code in my follow-up message is strictly just to recreate the original signal. Once I can do that, I can then add in the velocity / propagation terms.

aultc@astro.warwick.ac.uk (Colin Ault) wrote in message
news:<24be9e8e.0212160833.7d214a6a@posting.google.com>...

> 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
