
Subject: Re: Fourier Transform

Posted by [Ammar Yusuf](#) on Tue, 21 Dec 2010 22:27:40 GMT

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On Dec 21, 2:55 pm, Paolo <pgri...@gmail.com> wrote:

> Given two random arrays A1 and A2, you almost surely cannot find a
> passband filter that converts one into the other.

>

> Ciao,

> Paolo

>

> On Dec 21, 12:41 pm, Ammar Yusuf <amyus...@gmail.com> wrote:

>

>> Hi, let's say I have 2 graphs (2 arrays with numbers). They both look

>> different but are similar. I'm doing a FFT on one of the arrays and

>> then zero out some of the coefficients and then do an inverse FFT on

>> that array to try to get the 2nd array. When I plot the 2nd array and

>> the inverse one I get something similar to it but not close enough.

>> I've tried zeroing many coefficients but can't get anywhere. What

>> would be the best way to do this? Thanks.

>

>

They are not random. They come from some type of a model. One has
something called waves and the other doesn't. Thanks.
