

## Re: Usage of Fourier transforms...

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- *From:* "gethostbyname@xxxxxxxx" <gethostbyname@xxxxxxxx>
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There are: Discrete Fourier Transform and Continuous Fourier Transform.  
And there a lot of algorithms to calculate Fast Fourier Transform (the Discrete Fourier Transform). I think it is what he would like to mean.

There are also the Fourier Series, but that is not a integral transform.

gethostbyname

Jon Slaughter wrote:

"PeteS" <PeterSmith1954@xxxxxxxxxxxxxxxx> wrote in message  
<news:1157803817.944693.108120@xx>

Srinu wrote:

Hi all, this topic is of electronics-communication interest.  
Here my  
query is, what is the usage of Fourier transform ? Why it is  
so widely  
used in image processing and communication equipments ?  
Please suggest.

A lot of different transforms share the generic name 'Fourier Transform'. A common use is to separate the various components in some signal for analysis and processing. That's a very broad statement, and I suggest you look at some resources for yourself to understand what use that can be.

huh? Theres only one fourier transform!