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**What is Furrier Transform?**

**Ans:** The Scientist Joseph Fourier Invent a mathematical transform theory Product of Two signals Which is called mathematical junction of Fourier transform. Fourier Transforms is highly capable to decomposing a complicated waveform into a sequence of simpler elemental waves or its inverse (IDFT)

**Definition:** The function F(W) is called a Fourier Transform of function f(x) As if the mathematical Eq.1

Mathematical Eq.2

n=0,…. N-1

Eq.2 is the discrete Fourier transform. This transform has the high peaks frequency.

**Conclusion:** I learn from the highest peak of info about the Fourier transform.