

# Signals and Systems:-

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$$\rightarrow \text{Mag} = \sqrt{Ak^2 + Bk^2} = \sqrt{(6)^2 + (-4)^2} = 4$$

double the Nyquist limit  
Coming Angle is divided by  $N = \text{Samples}$ .

→ Fourier Series.

→ Add up the signals

→ Adding the projections.

→ Fourier Series definition.

→ Fourier series on L periodic function.  
Khowitz will be on F.S.

→ Inner Product in Hilbert Transform.

The Hilbert transform is a specific linear operator that takes a function  $u(t)$  of a real variable & produces another function of a real variable  $H(u)(t)$ .

→ Fourier series using Matlab.

Domain, Function, Compute Fourier series.

→ Fourier series using Gibbs phenomena using the python.

# Python :-

## Topics - Learnt :-

- Creating personal website
- About HTML Template.
- CSS styling.
- Note on browser caching.
- Scheduling the python program on windows, Mac, Linux.
- Replaying the website to a live session.
- Maintaining the live session.