

python

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Build a personal website with python & flask.

- * create a website
- * About HTML template
- * Navigate menu
- * ~~css~~ css styling
- * creating a python
- * install it
- * maintain the live in our website.

signal & system

① Fourier Series:

- * It can represent the ~~func~~ by the sum of cosines & sines by increasing the frequency.
- * The coefficients can be computed using the integrals.
- * It also represent the inner product ~~func~~

② Fourier transform.

- * Here we discussed about the Fourier transform & their history.
- * It is another coordinate transform to represent the data, ~~img~~ etc...
- * ~~Func~~ approximation to understand Hilbert space.
- * calculating coefficient at each particular frequency in Fourier transform
- * discrete Fourier transform.

⑤ Fourier transform using MATLAB:

→ define a domain

→ define a function

→ compute Fourier series

→ plotting of amplitudes

⑥ Fourier series using python

⑦ Fourier series & Gibbs phenomena using MATLAB