Date: 20/5/2020

Afternoon Session

Mame: Shana. G USN: UNLISECOLD dem, sec ? . W, Po

course: Python.

Topic . graphical wer interfaces with

· Interacting with databases

Github Repulling. Sneha-919

Report:

- 3 Graphical uses interfaces with Thinker
 - Entroduction to Thinke
- · Petting up a GUI with widgets
- · connecting qui wedgets with call back functions
- · exeating a mult-widget GUI
- -> Interacting with Databases.
- · Introduction to "python with databases"
- · Connecting & Inscriting data to squere wear Python
- · Selecting, Inserting, Deleting & Updating saltre Records
- Introduction to Postgrasal psycopgs
- Selecting, Inserting, Deleting & Updating Pastgre Squ, Records
- · anerging data from a Myser databases

Date: 20/5/2020

Forekoon 8 exton Details

Wame: Sneha. G USN: YACISECOSO

Sem & Sec: IV, A

course: Signals & System

Pople: Fourier series & Gibbs phenomenal

- · Fourier series -> fourier transform
- · Application & calculation ztransform
- · Intuition of fourier transform

Github Repository - Sneha-G19

Report:

from lower order from a very coarse approximation to a very high approximate se short off just being kind of one cosine function that a poor as we add to would look like it for away & its prefect approximation

2) Fourier series > Fourier transform: we generalize from periodic function on done in 2-1 the fourier transform which is defined on infersite domain

. It is extensively used to solve PDE

· it is unctary operator.

· used to desire function or to transform partial differential into ODE

3) Application

The convolution of two function $f \in G$ is defined as $f \notin g = \int_{\infty}^{\infty} f(x - \xi) g(\xi) d$.

Founder transforming for g, we get

t (8,8) = t (Q) + c3) = \$ 9

The transform of fle) & y (E) are F(S) & Y (S)

E (3) = 800 f(-re-st de

The purpose of Laplace transform is to convert a DE into algebraic $I(t) = e^{at} \Rightarrow F(s) = \int_{0}^{\infty} e^{at} e^{-st} dt$

· Laplace transform à Inverse laplace transform using matlab.

· Application of z-transform

- . How to calculate z transform in Matlan.
- . Intuition of touries transform & Laplace transform