Name :- Puojary Sushart 26 May 2020 Date: USN: 4ALIBEC400 course! Digital signal processing sem: 6th sem B'sec Topic: -Fourier series, Laplace frankrin & Stranshin 1((+ B) (0) 1 ( ) P Fourier series & Gibbs Phenomana using Python import no numpy as np import matplotlib. Pyplot as plt PILO reparams ['figure . figsize'] = [8,8] PIt. rc params. update ({ font.size : 18}) ( No 12 " P. F. 1 - 2 " P. F. 1 - 3 ) ( P.C. F 9x=0.01 L=2×np.Pi x = np. arange (o, L+dx,dx) Jollan & W mickens n=len(x) nquart = int (np. floor (n/4)) f = np.zeros\_like(x) f[nq.vart:3\*nq.vart]=1 AD= npsum (ftnp.ones\_like(N) \* dx \* 2/L FFs = Aol2 top. ones\_like ( for k in range (1,1801): AL= NP. sum (f x np. cos(2\*np. Pi\* k\* X/L)) +dn +2/L BL=np. sum (++np.sin (2+np. pi+ k+x/L)+dx+1/L FFS=FFS +AK+ np.cos(x+K\*np.pi\*X/L)+BIC\*np.sin (X/c+np-pi+x/C) Plto plot (x, f, color = le1, Line width=1) PIt-plot (x, FFS, -', coolor = r', Linewidth-=10) pitishama)

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Date - 26 Max 2020 Name: Poojary sushant course: Python on udemy USN: 4ALIPECHOO Topic: - Personal website with sem! - 4th sem B'sec Python & Flask script . py Imhal Fracid from flask import Flask, render-template Clard 1788001 opp = Flask (- name -) @ opp. route ('/') det home W; return render-template ("home html") @ opp. route ('Tabo ut/') def about (); return render-templote ("about .html") if \_ name \_ == "\_ main\_": < | main\_": b opp. run (debug = True) Crorles Storks & " mood home. html 2-16 extends "layout.html"-61 3 -1. block content 1/5 grade Vig vaction L div class = "home"> Lhis This is my home page 2/his LPS This is my test be website 1/2/W I./ endblock 1.4 chout . html 7.1. extends "layout - html" / { 3 - f block content 1. {

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