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Course outline

How does an NPTEL online course work?

Week 1

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

Week 9

Week 10

Week 11

Week 12

- Conditional Mean as an Estimator (unit?unit=28&lesson=106)
- Linear Estimator (unit?unit=28&lesson=107)
- Wiener Filter (unit?unit=28&lesson=108)
- Fourier Wiener Filter (unit?unit=28&lesson=109)
- 1D Superresolution (unit?unit=28&lesson=110)
- Superresolution Examples (unit?unit=28&lesson=111)
- **Programming assignment: Wiener filter (/noc20_ee83/progassignment?name=128)**
- Image Signal Processing : Week 12 Feedback Form (unit?unit=28&lesson=155)
- Lecture Materials (unit?unit=28&lesson=186)
- Week 12 solutions (unit?unit=28&lesson=197)

Tutorials

Download Videos

Live Session

Programming assignment: Wiener filter

Due on 2020-12-10, 23:59 IST

Click here (https://drive.google.com/file/d/1eVPI8btYOy4BJ1nfqEbN3ahH7GBa_MSk/view?usp=sharing) for View the Question .

It is recommended to initially work on this assignment using Google Colaboratory ("Colab" for short is a free Jupyter notebook environment provided by Google that allows you to run Python in your browser). The introduction videos for Colab will be shared in discussion forum. Being said that, this is a recommended way to do the assignments. You can always directly work on NPTEL website.
Follow these instructions to work on the assignment in google-colab.

- Click on this Assignment-12 (https://drive.google.com/file/d/1usHmlbWp6_K8tBz7mI-by7W-PI_rwMB7/view?usp=sharing) file.
- Make a copy of it in your drive.
- Right click and open the file using Google Colaboratory(You first need to log in to your google account).

When you're ready to verify/submit your assignment, paste the missing code snippets below.

Sample Test Cases

	Input	Output
Test Case 1	`wiener filter`	`ok`
Test Case 2	`wiener filter`	`ok`

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

December 8 Programming test - Session 1(10AM-11AM)

December 8 programming test - Session 2 (8PM to 9PM)