
Image Processing & Vision (55397)

Homework V: Convolutional Neural Networks (CNNs)

- **Tasks:**

1. Follow and understand the examples in the code (Homework V-0 ~ V-3)
2. Design your own CNNs (e.g., more conv or fc layers, various kernel sizes, *etc.*)
3. Train and test your CNNs model on CIFAR-10 dataset
(Try to achieve your best performance!)

- **Due: 21 June (Wed) at 11:59 pm**

- **Submission**

- Python code file
(file name & format: ipv23_hw05-**student number**.ipynb)
- Report: No template & Page limit: 4 pages in Korean/English
(file name & format: ipv23_hw05-**student number**.pdf)
- Upload the zip file including python code and report to “과제 및 평가” on E-class
(file name & format: ipv23_hw05- **student number**.zip)

- **References**

- **[PyTorch: Tutorials for Image Classification]**
https://pytorch.org/tutorials/beginner/blitz/cifar10_tutorial.html