

---

# Image Processing & Vision (55397)

## Homework IV: Optical Flow

---

- **Tasks:**

1. Complete opticalFlow function to estimate the motion vectors in  $u$ - and  $v$ -directions

- **Due: 07 June (Wed) at 11:59 pm**

- **Submission**

- Python code file

(file name & format: ipv23\_hw04-[student number](#).ipynb)

- Report: No template & Page limit: 4 pages in Korean/English

(file name & format: ipv23\_hw04-[student number](#).pdf)

- Upload the zip file including python code and report to “과제 및 평가” on E-class

(file name & format: ipv23\_hw04- [student number](#).zip)

- **References**

- [OpenCV: Optical Flow]

[https://docs.opencv.org/3.4/d4/dec/tutorial\\_optical\\_flow.html](https://docs.opencv.org/3.4/d4/dec/tutorial_optical_flow.html)