

The objective of this assignment is for you to explore an image-processing related topic of your choice beyond what is covered in the lectures. It can also be an extension or more recent development of a topic in the lectures.

Task descriptions:

- Read and provide an overview of 3+ research papers on your selected topic. You can include illustrations and text from the papers, but you should provide citations when doing so.
- Demo and/or experiments are optional but encouraged. If you do so, you are allowed to utilize available library/toolbox functions and existing implementations that you can find on the web. However, you should clearly indicate the source.

About the submission:

- Submit your report (as a single PDF file) through New E3.
- Regarding the content of the report:
 1. The main text (max. 10 pages, not counting the code listing) should include the following sections:
 - Introduction / Objectives
 - A review of the methods you have used (be concise)
 - A explanation of the experiments you have done, and the results.
 - Discussions: Your observations, interpretations of results, and remaining questions.
 2. The report should be typed single-spaced, with 12-point font size.
 3. Include the program code listing at the end of your report (your own code), starting from a new page as a separate section. The code listing part does not count toward the page limit.
 4. You can write your report in either English or Chinese.
- Do not submit compressed files. Do not submit program codes in separate files.
- Late submission: 10% deduction per day, up to until the submission is closed.

To avoid delaying the decision on your final grades, this assignment will carry only a 3-day grace period (i.e., up to 1/15).