Digital Image Processing (2017)

Final Project

[Image Segmentation and Counting]

Deadline:
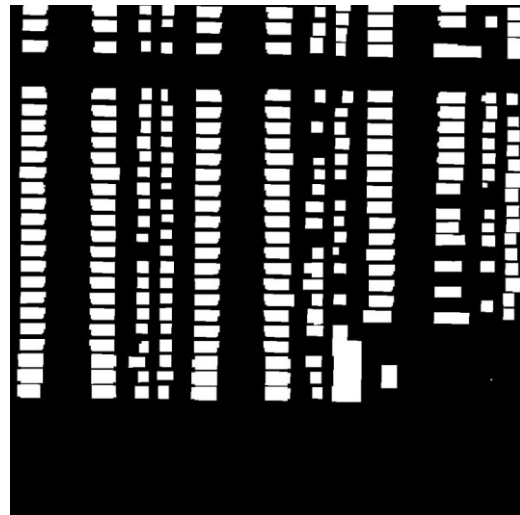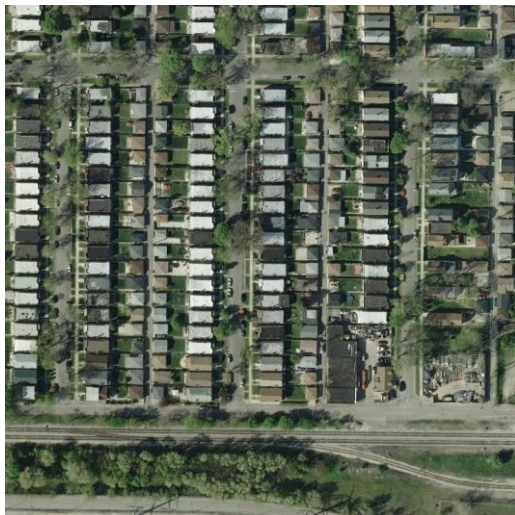
Check Point Report   2017.12.29

Check Point Presentation   2017.12.26 - 2017.12.28

Demo & Presentation   2018.01.15 - 2018.01.17

Group (1~ 2 people)

Image Segmentation and Counting

We will provide an aerial image dataset with reference data.

https://project.inria.fr/aerialimagelabeling/

The performance will be evaluated by:

1. Pixel wise segmentation accuracy
2. House counting accuracy

Two outputs are requirement:

1. Semantic segmentation (Please refer to ground truth)
   Pixel value:
   i.   house: 255
   ii. else: 0
2. The number of house you predict

Presentation Requirement

1. Motivation
2. Structure
3. Schedule
4. Cooperation

Reminders

1. A slide (pdf, ppt) is needed for your presentation.
2. Two members a group.
3. No reasons for delay and absence!