

Homework 4

Mathematical Morphology - Binary Morphology

- Please use the octagonal 3-5-5-5-3 kernel.
- Please use the "L" shaped kernel (same as the text book) to detect the upper-right corner for hit-and-miss transform.
- Please process the white pixels (operating on white pixels).
- Due date: **2018/10/23 2:20pm**
- 5 images should be included in your report: Dilation, Erosion, Opening, Closing, and Hit-and-Miss
- As a reminder, **please do not copy homework, and use any library calls except for basic image IO.!** You are expected to do it yourself!!



Homework

- Write programs which do binary morphological dilation, erosion, opening, closing, and hit-and-miss transform on a binary image (**Due Oct. 23**)
- Write programs which do gray-scale morphological dilation, erosion, opening, and closing on a gray-scale image (Due Nov. 6)