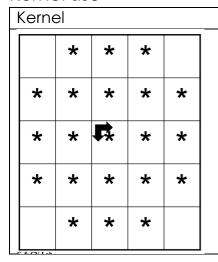
電腦視覺作業五

Computer Vision HW5 R04525092 工科碩二 鄭力文 https://github.com/Mike-Zheng/NTU-Computer-Vision-I-

使用語言 C++ with openCV

Write programs which do gray scale morphological dilation, erosion, opening, and closing on a gray scale image

Kernel use:



Please use the octonal 3-5-5-3 kernel with value = 0

 0
 0
 0

 0
 0
 0
 0

 0
 0
 0
 0

 0
 0
 0
 0

 0
 0
 0
 0

(which is actually taking the local

 $\frac{6}{0}$ maxima or local minima respectively).

1. Dilation

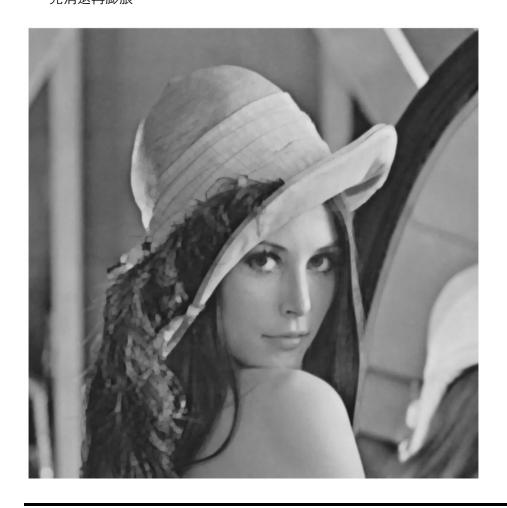
膨脹將每一點透過 kernel 進行運算,該點中心吻合 kernel 的周邊為 255。



2. Erosion



3. Opening 先消退再膨脹



4. Closing

先膨脹再消退

