Computer Vision - Assignment 5

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(a) Dilation

Assign each pixel with the maximum value of surrounding pixels defined by the kernel.

[Output]



[Code]

(b) Erosion

Assign each pixel with the minimum value of surrounding pixels defined by the kernel.

[Output]



[Code]

(c) Opening

Do erosion, then dilation.





[Code]

erosion_img = erosion(img, kernel) out_img = dilation(erosion_img, kernel)

(d) Closing

Do dilation, then erosion.





[Code]

dilation_img = dilation(img, kernel)
out_img = erosion(dilation_img, kernel)