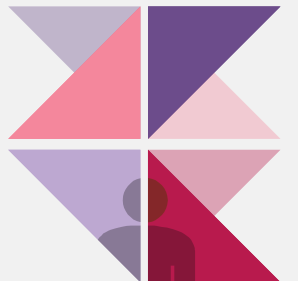




HW2

Edge Detection and Morphology



Task Description

Edge detection

- Dataset: [Data](#)
- Sobel and Prewitt
- Canny

Morphology

- Dataset: [Binary Image](#)
- Four methods (erosion, dilation, opening, and closing)

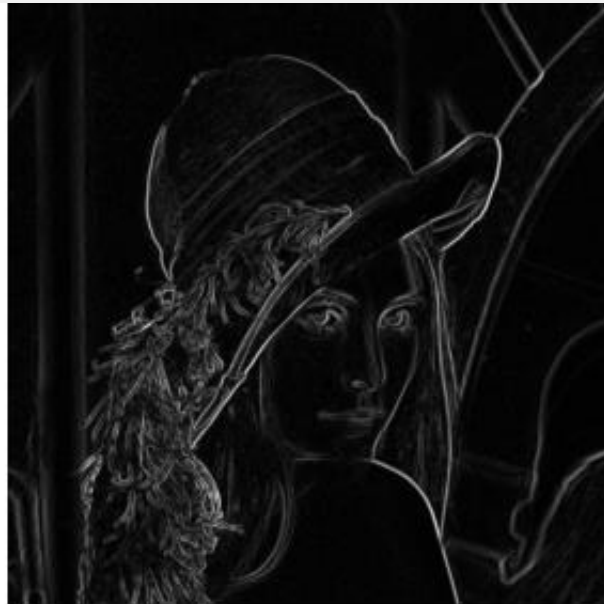
Task Description

Edge detection

Original Image



Sobel



Prewitt



Canny



Task Description

Morphology

Original Image

Erosion

Dilation

Opening

Closing



Report Format and Regulations

Report

- Method description
- Core code
- Result
- 2024/11/06 23:59 (UTC+8) Upload to NCUE Cloud Server
- 遲交分數會打折，每隔一天打8折，遲交3天以0分計算

Regulations

- 關鍵程式碼不能直接呼叫opencv完成，如cv2.dilate、cv2.erode、cv2.Sobel等
- 請自己完成作業，勿分享code與參數
- 抄襲同學(含被抄襲者)皆為0分