

Computer Vision 2019 Fall

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Description

This homework focuses on several edge detectors.

Results

(If padding is needed, I use 'reflect' in this homework)

(a) Robert's Operator (Threshold = 25)



(b) Prewitt's Edge Detector (Threshold = 64)



(c) Sobel's Edge Detector (Threshold = 80)



(d) Frei and Chen's Gradient Operator (Threshold = 45)



(e) Kirsch's Compass Operator (Threshold = 150)



(f) Robinson's Compass Operator (Threshold = 50)



(g) Nevatia-Babu 5x5 Operator (Threshold = 15000)

