

## 電腦視覺 HW9 report

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報告需知:

1. 參數與作業推薦之參數一致。
2. Padding 方式為上課所授的方式, 即邊緣往外擴充。

You are to implement following edge detectors with thresholds:

(a) Robert's Operator: 12



(b) Prewitt's Edge Detector: 24



(c) Sobel's Edge Detector: 38



(d) Frei and Chen's Gradient Operator: 30



(e) Kirsch's Compass Operator: 135



(f) Robinson's Compass Operator: 43



(g) Nevatia-Babu 5x5 Operator: 12500

