Description:

Implement following edge detectors with thresholds :

- (a) Robert's Operator: 12
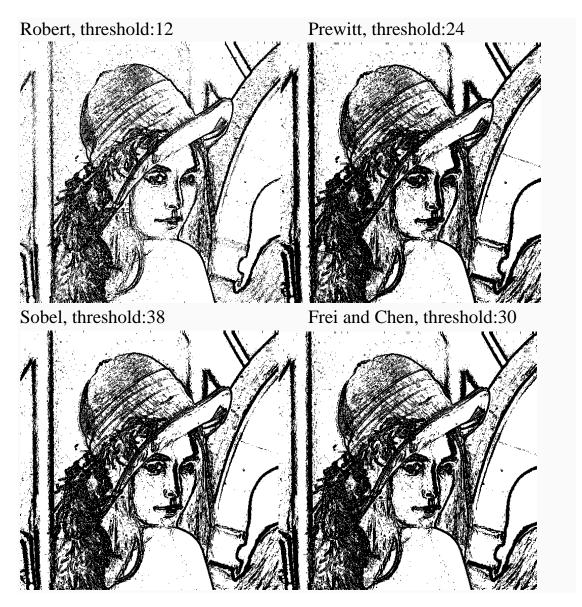- (b) Prewitt's Edge Detector: 24
- (c) Sobel's Edge Detector: 38
- (d) Frei and Chen's Gradient Operator: 30
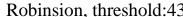- (e) Kirsch's Compass Operator: 135
- (f) Robinson's Compass Operator: 43
- (g) Nevatia-Babu 5x5 Operator: 12500

Result:

Robert, threshold:12

Prewitt, threshold:24

Sobel, threshold:38

Frei and Chen, threshold:30

Kirsch, threshold:135

Robinsion, threshold:43

Nevatia-Babu, threshold:12500