

Assignment 2

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Desember 2022

1 Main text

The straight-line detector works relatively well on the sheet of paper but a cluster of points from complex objects in the background make it lose the line sometimes. This can be adjusted with Canny threshold and RANSAC threshold.

Straight lines with no object around them are detected well.

The frame rate for RANSAC is 0.5 FPS which means that each frame takes 2 seconds to process.