Project 5 Writeup

Instructions

- Provide an overview about how your project functions.
- Describe any interesting decisions you made to write your algorithm.
- Show and discuss the results of your algorithm.
- Feel free to include code snippets, images, and equations.
- List any extra credit implementation and result (optional).
- Use as many pages as you need, but err on the short side.
- **Please make this document anonymous.**

Project Overview

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$$a = b + c \tag{1}$$

Implementation Detail

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1. Result 1 (Figure 1) is cards;
2. Result 2 (Figure 2) is dollar. We can see that with more iterations, we have more valid 3d points;
3. Result 3 (Figure 3) is mikeandikes;

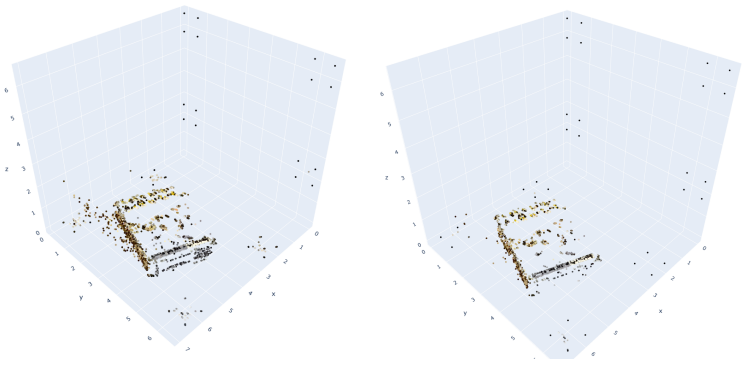

Figure 1: cards. Left is 0.1 threshold. Right is 0.01 threshold

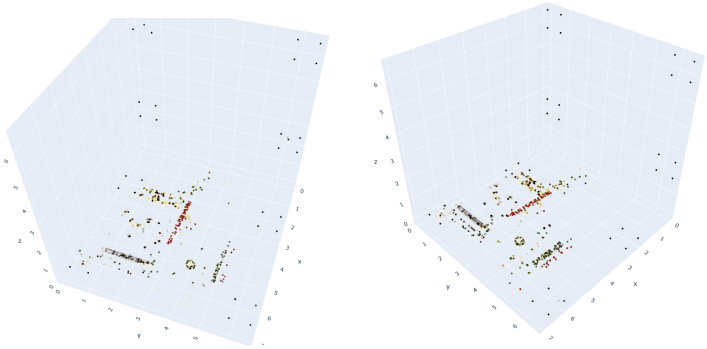

Figure 2: dollar. Left is dollar with ransac-iters=100. Right is dollar with ransac-iters=1000

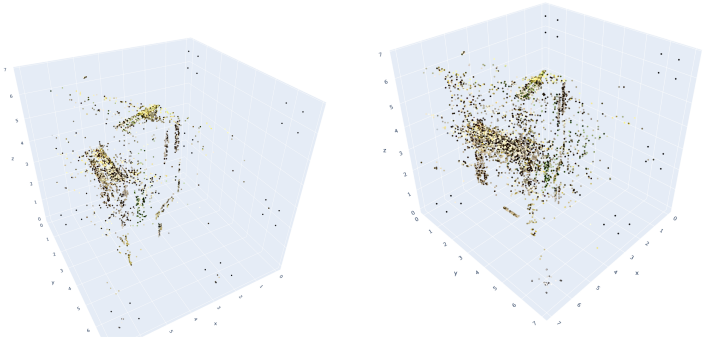

Figure 3: mikeandikes. Left uses $estimate_fundamental_matrix()$. Right uses $cv2.findFundamentalMat()$