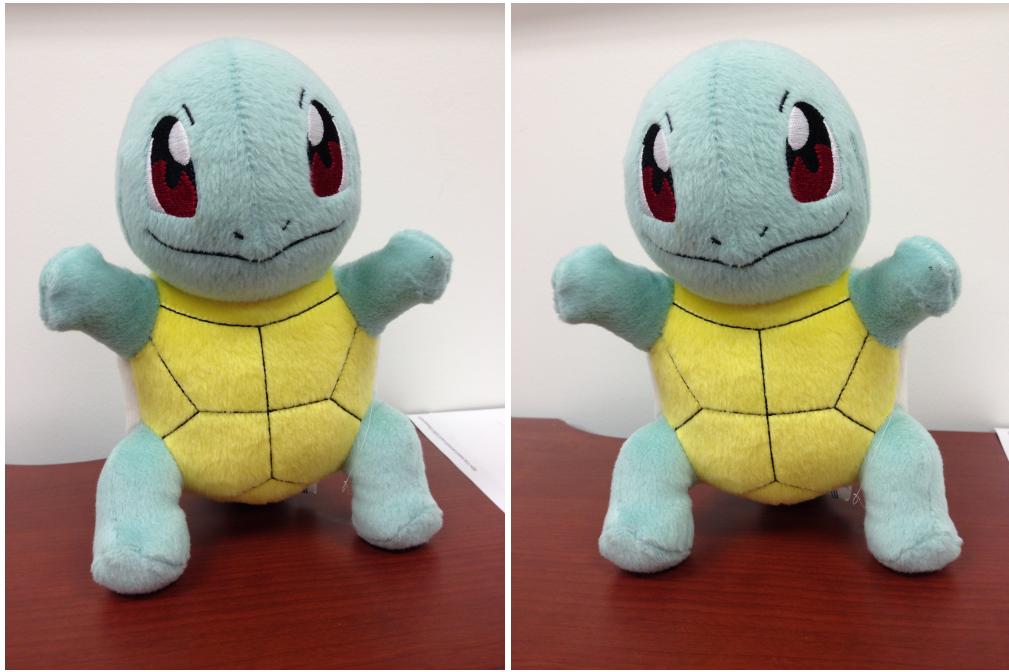


CS 217 Homework 2

Zachary DeStefano, 15247592

Due Date: May 12, 2015



(a) Left Image

(b) Right Image

Figure 1: Original Pictures of Stuffed Squirtle

Problem 1

The following are examples of running the SIFT matching code on my own objects

Squirtle Example

Figure 1sq1 shows the original pictures that I took of a stuffed Pokemon named Squirtle. Figure 2sq2 show 50 random points found by running SIFT. Figure 3sq3 shows some of the matches found using SIFT.

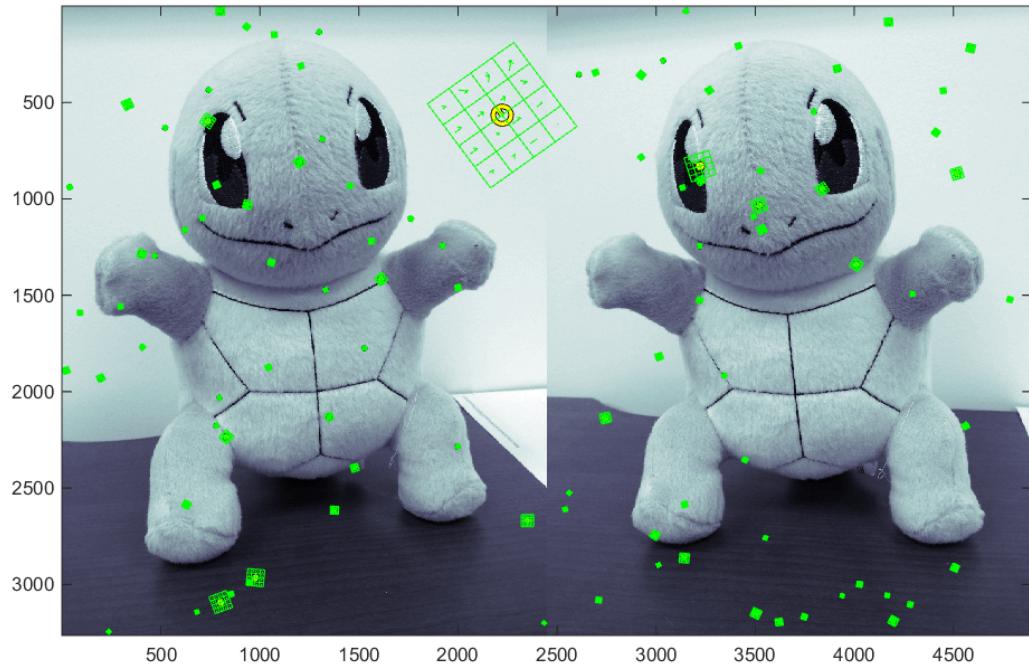


Figure 2: Squirtle Images With Points Marked

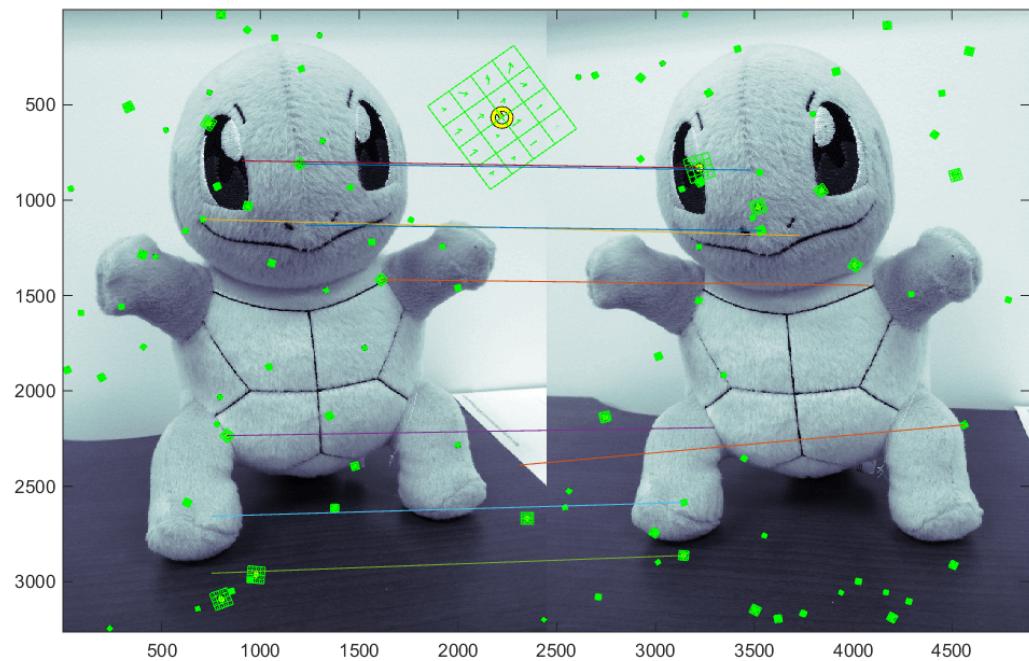
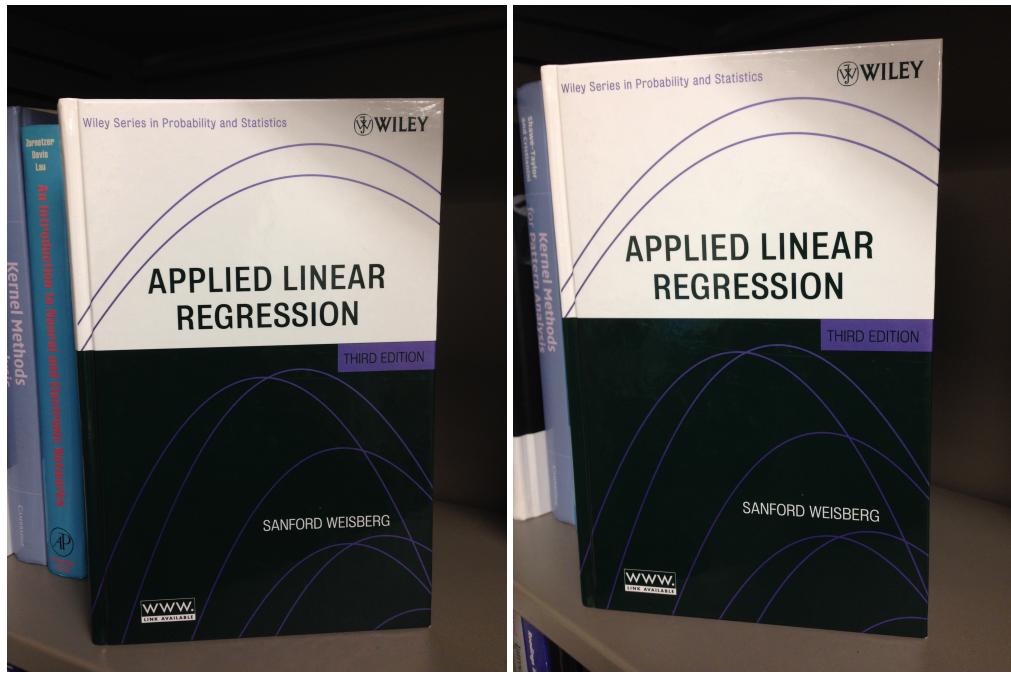


Figure 3: Squirtle Images With Points Marked and Some Matches Shown



(a) Left Image

(b) Right Image

Figure 4: Original Pictures of Textbook

Book Example

Figure 4bk1 shows the original pictures that I took of a textbook. Figure 5bk2 show 50 random points found by running SIFT. Figure 6bk3 shows some of the matches found using SIFT.

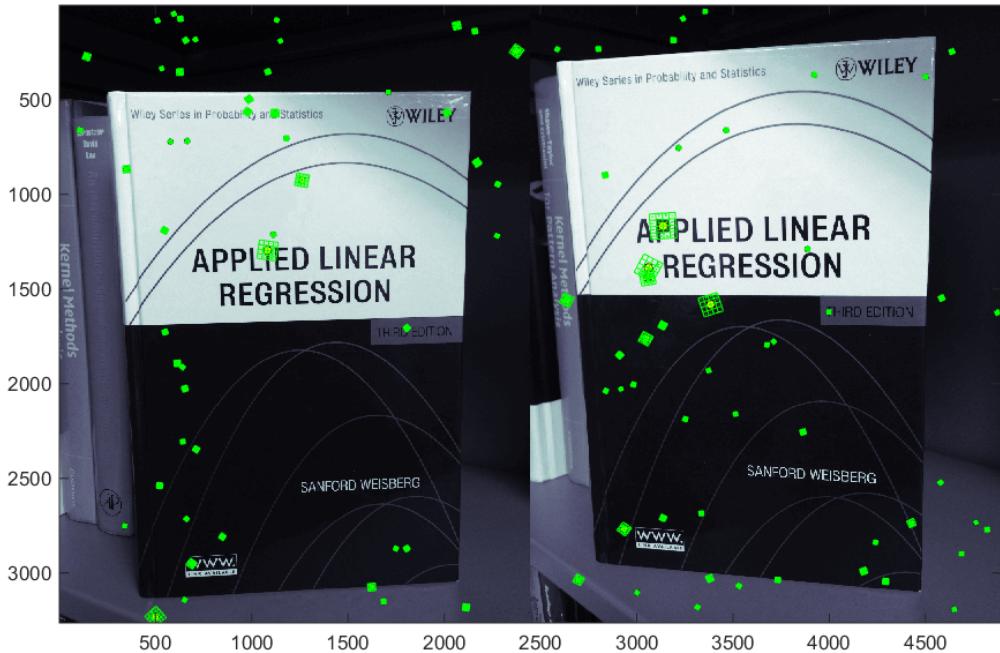


Figure 5: Textbook Images With Points Marked

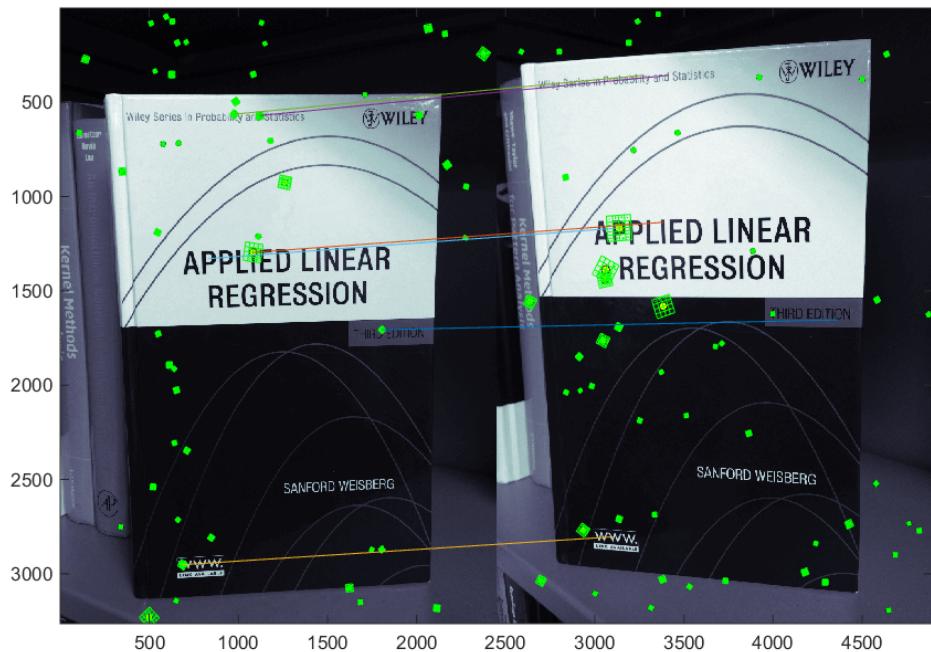


Figure 6: Textbook Images With Points Marked and Some Matches Shown



(a) Left Image

(b) Right Image

Figure 7: Original Pictures of Coffee Can

Coffee Can Example

Figure 7cc1 shows the original pictures that I took of a coffee can. Figure 8cc2 show 50 random points found by running SIFT. Figure 9cc3 shows some of the matches found using SIFT.



Figure 8: Coffee Can Images With Points Marked



Figure 9: Coffee Can Images With Points Marked and Some Matches Shown