IE 590 - Homework III

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Code: link is available here

Q1. Stitching two images

Attributes:

Features: SURF

Filename: hw3_q1.py

Results:





Figure 1. Original Images to stitch

```
| Comparison | Com
```

Figure 2. Code and results

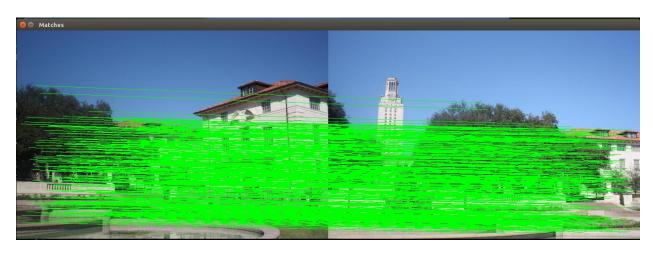


Figure 3. Drawing the key points using SURF feature descriptor



Figure 4. Rotating the Image using the estimated homography

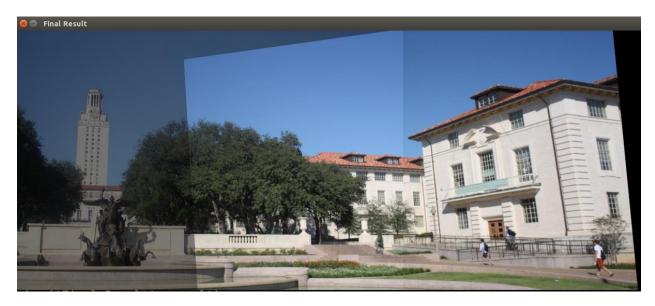


Figure 5. Final result of stitching of images

Q2. Comparing old and new images

Attributes:

Features: SURF

Old Image: Link

Results in the form of <u>Video</u>

Results:



Figure 6. Old image of PMU





Figure 7. New images of PMU

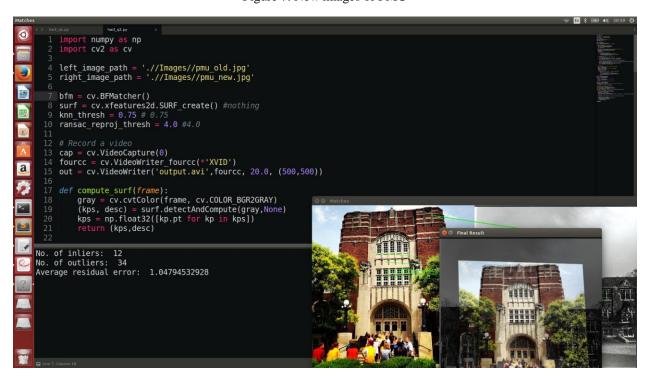


Figure 8. Code and Result

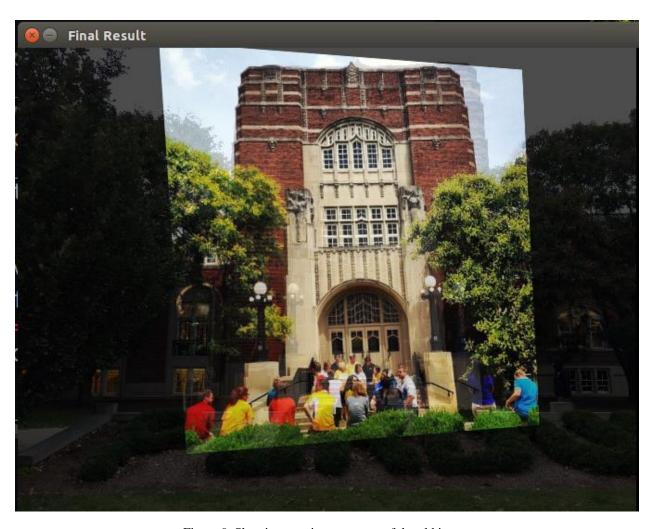


Figure 9. Showing new image on top of the old image