

Exercise on Two Image Sticking

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In this exercise, you will work on using all algorithms you have developed yet to do the sticking for two images.

1 Key Steps

In order to finish this task, you can follow the following steps:

1. load two images, do feature (Harris or FAST or SIFT) detection and feature description using Brief 256 or SIFT.
2. Do feature matching.
3. Use RANSAC and DLT for homography estimation and outlier removal. You can verify your result by plotting all inlier matches. Correct result should show similar match patterns.
4. Do image warping the homography computed using all inliers.
5. Blend the final image to get smooth result.

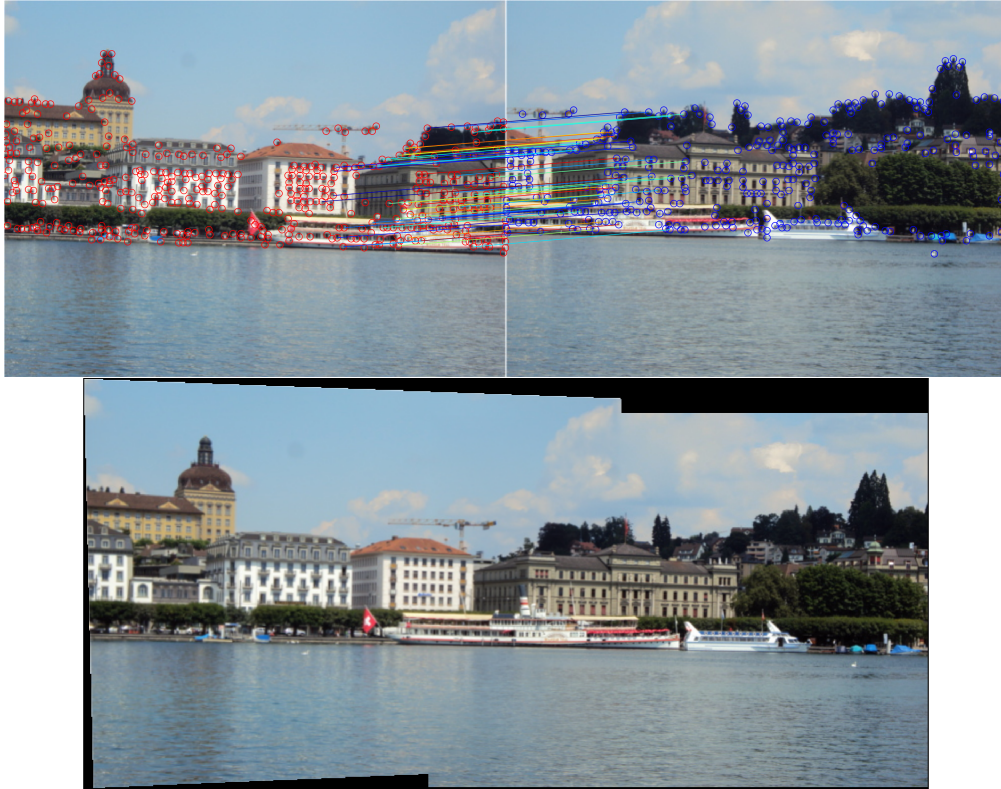


Figure 1: Example of image stick result.