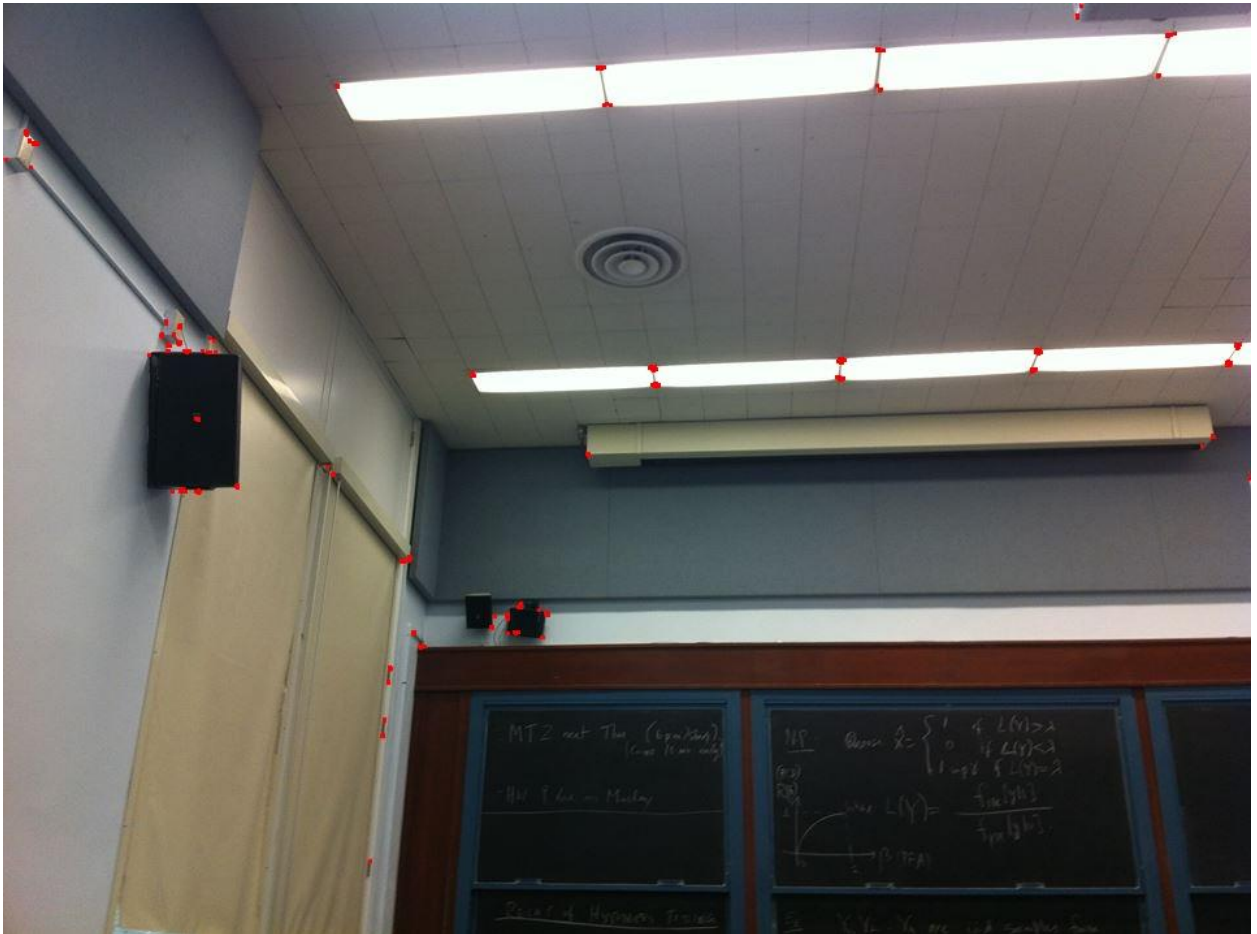**CIS581: Computer Vision and Computational Photography**
Project 3, Part A: Image Stitching
CIS 581, Group 27

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Outputs and Results of various steps of our project on different images are as follows:

- Corner Detection using Corner Harris

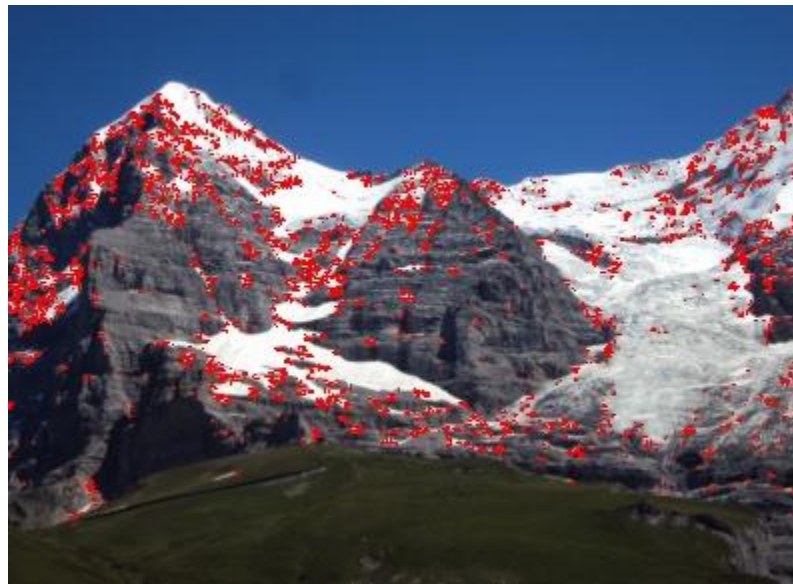Classroom_1

Classroom_2

CollegeGreenLeft

CollegeGreenMiddle

CollegeGreenRight

Hill_Left
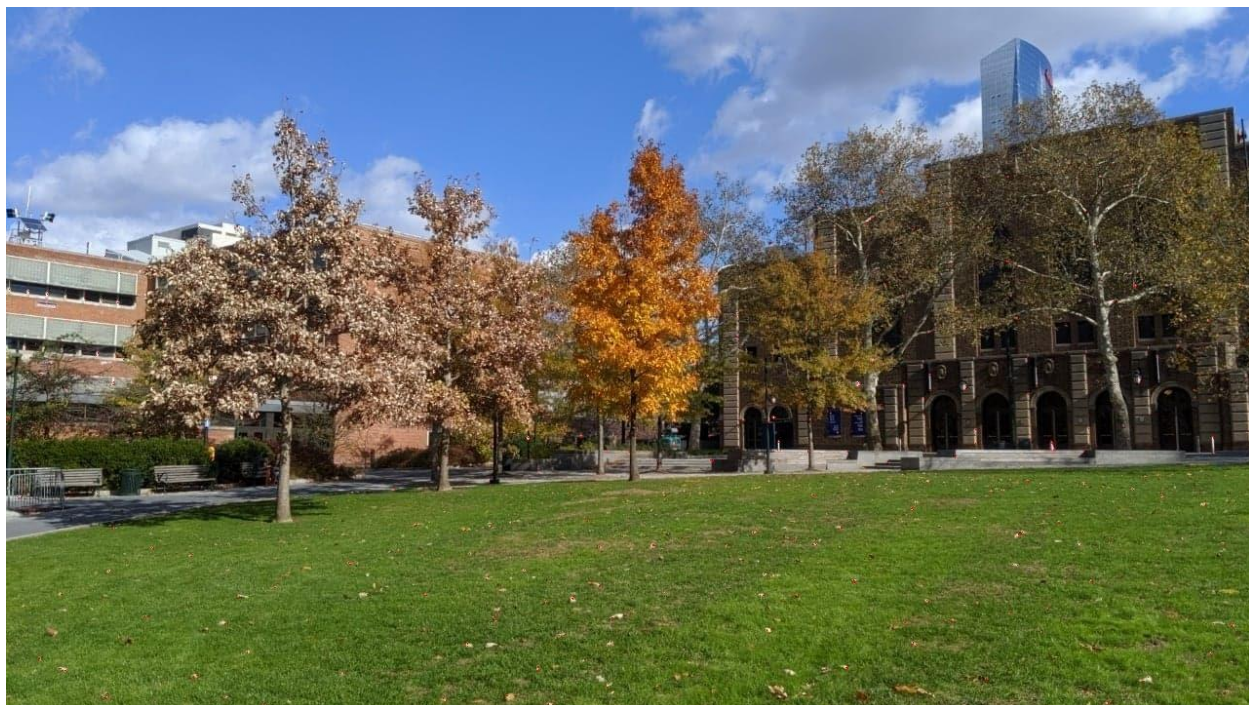
Hill_Middle

Hill_Right

- Adaptive Non-Maximal Suppression
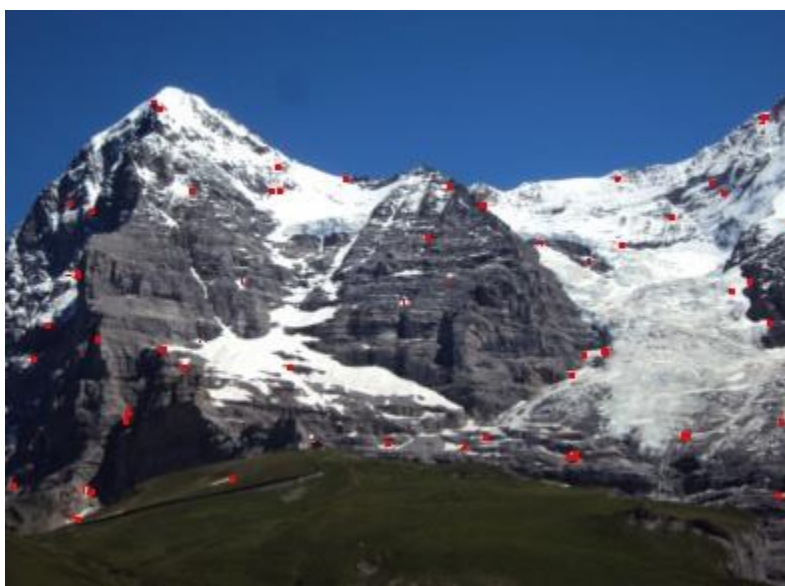

Classroom_1

Classroom_2

CollegeGreenLeft (without Dilation)

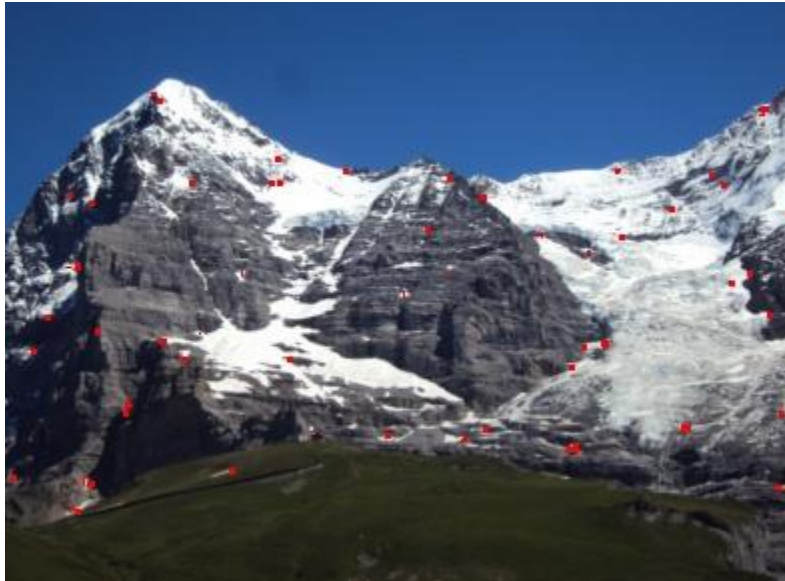CollegeGreenMiddle (without Dilation)

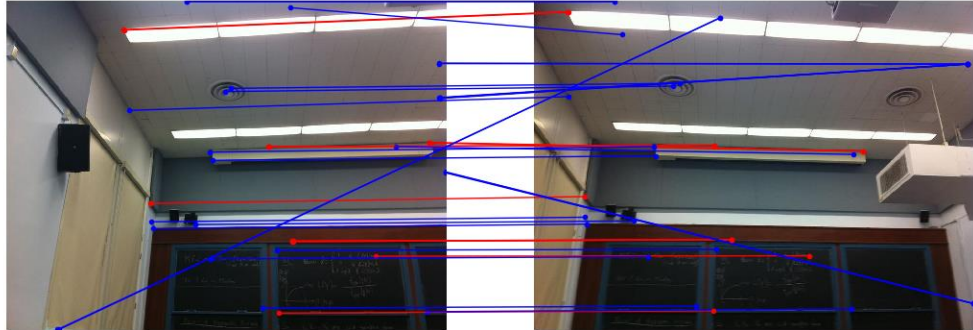CollegeGreenRight (without Dilation)
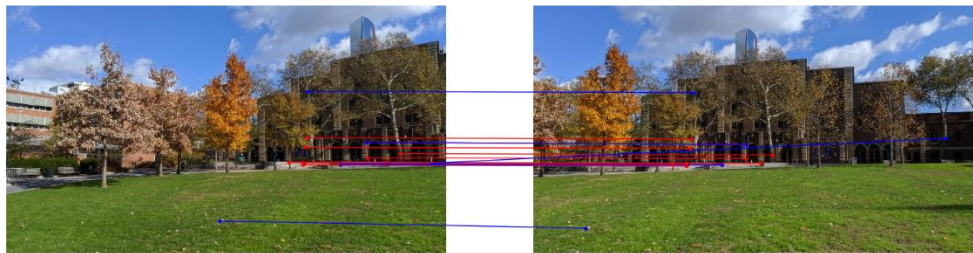

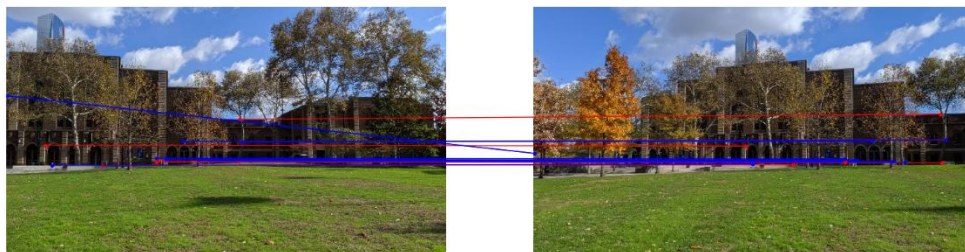Hill_Left

Hill_Middle

Hill_Right

- Post RANSAC Matching
    - Red lines and points indicate the inliers after RANSAC
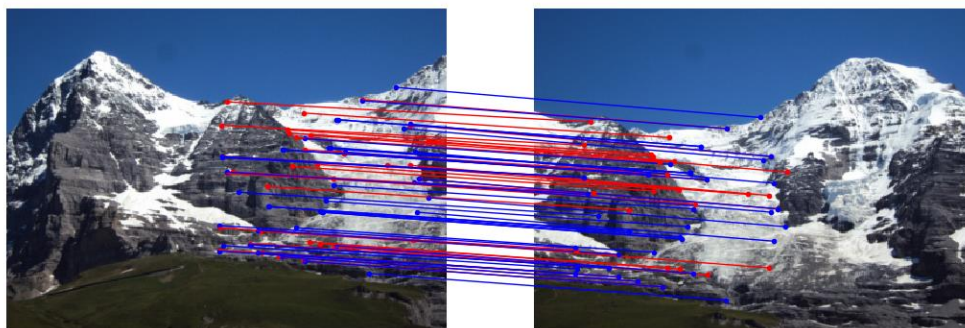   - Blue Line Segments denote the discarded outliers.

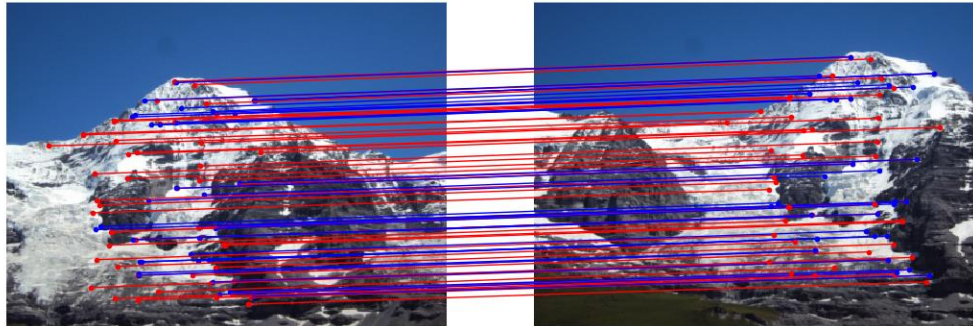Classroom_1 to Classroom_2

CollegeGreenLeft to CollegeGreenMiddle

CollegeGreenRight to CollegeGreenMiddle
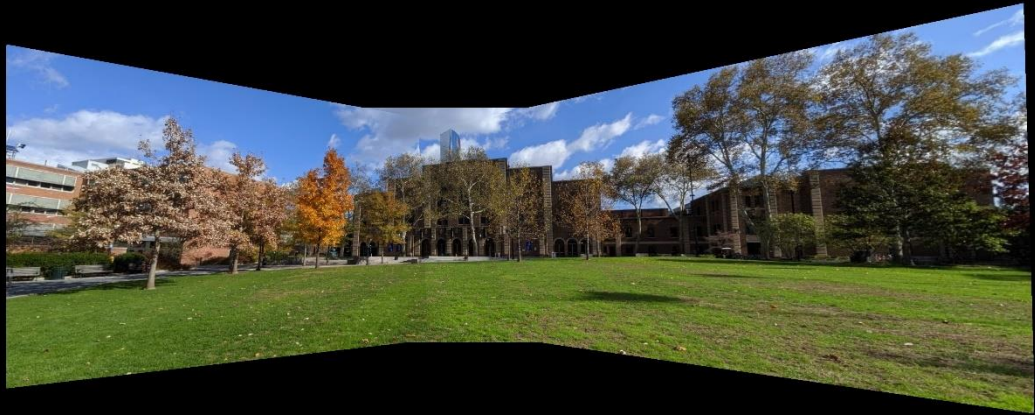

Hill_Left to Hill_Middle

Hill_Right to Hill_Middle

- Output on direct stitching (without seam carving)

ClassRoom

CollegeGreen

Hill

- Output after performing Seam Carving to stitch images smoothly

ClassRoom

CollegeGreen

Hill