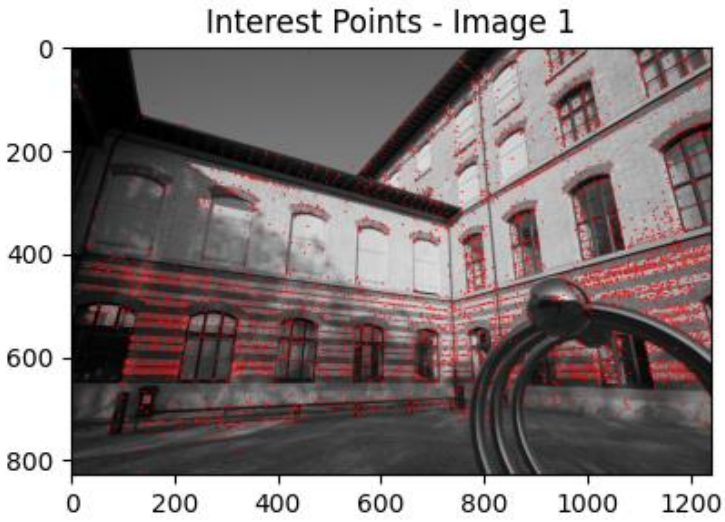
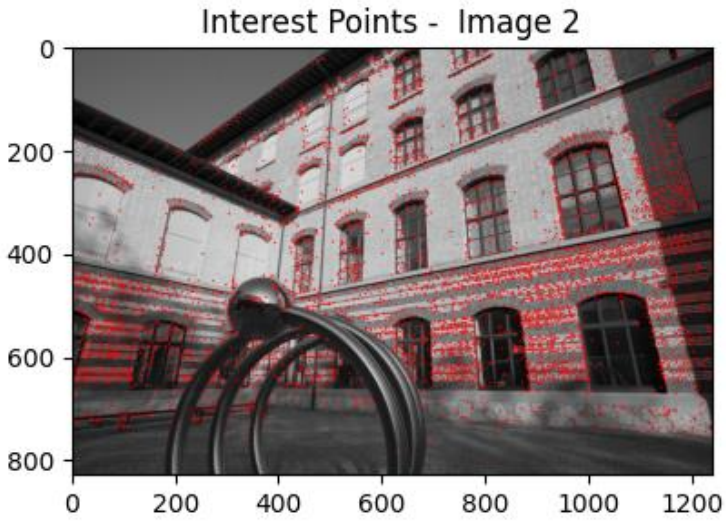
Daniel Glazman – 318172848
Gal Alpert - 316228998

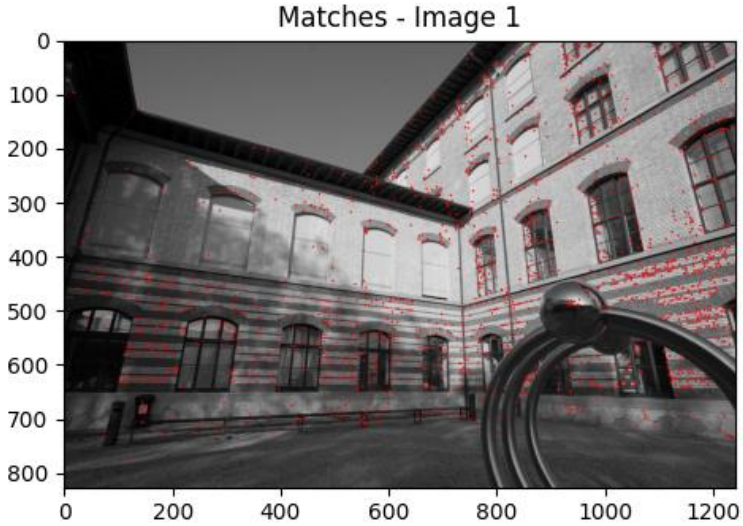
Computer Vision Ex.2 – Results

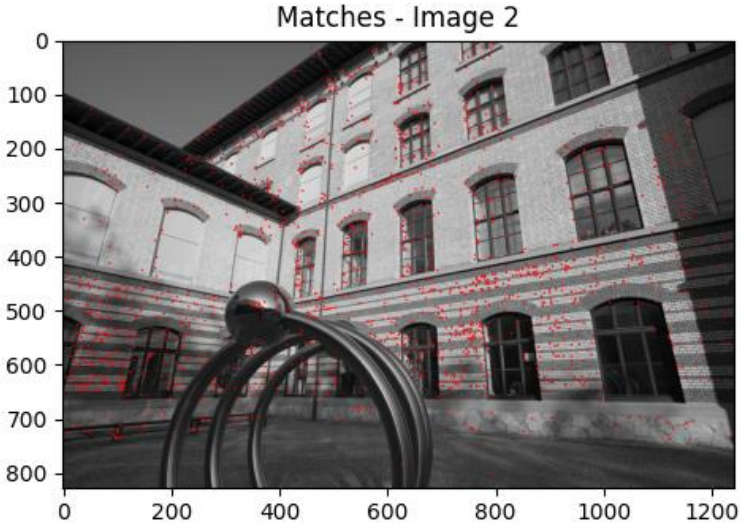
1. Finding Interest Points:





2. Finding Matching Interest Points:





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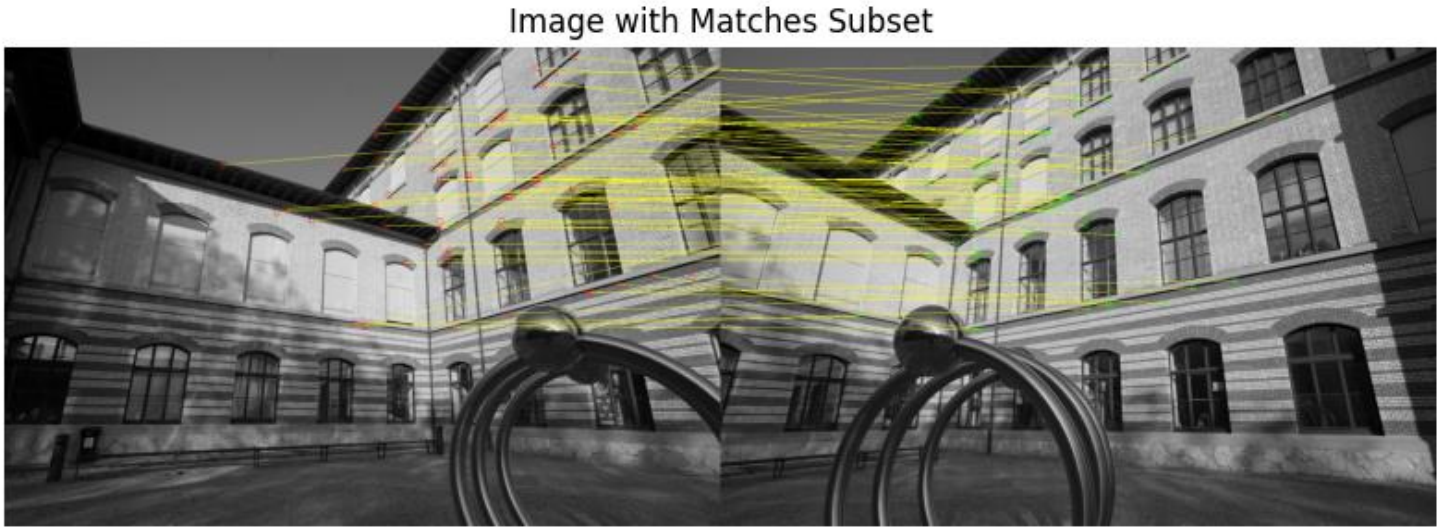

3. a. Essential and Fundamental Matrices:

```
Essential Matrix:
[[0.001867651636587 0.262120965375416 -0.073149908697821]
 [0.030475763405628 0.008554197693450 0.702383536342618]
 [-0.013423092158607 -0.656533409024104 -0.019424909243505]]
```

```
Fundamental Matrix:
[[0.000000004001924 0.000000561964278 -0.000341172958617]
 [0.000000065337354 0.000000018349331 0.000980438033623]
 [-0.000049070032102 -0.001319304489155 0.197636878990257]]
```

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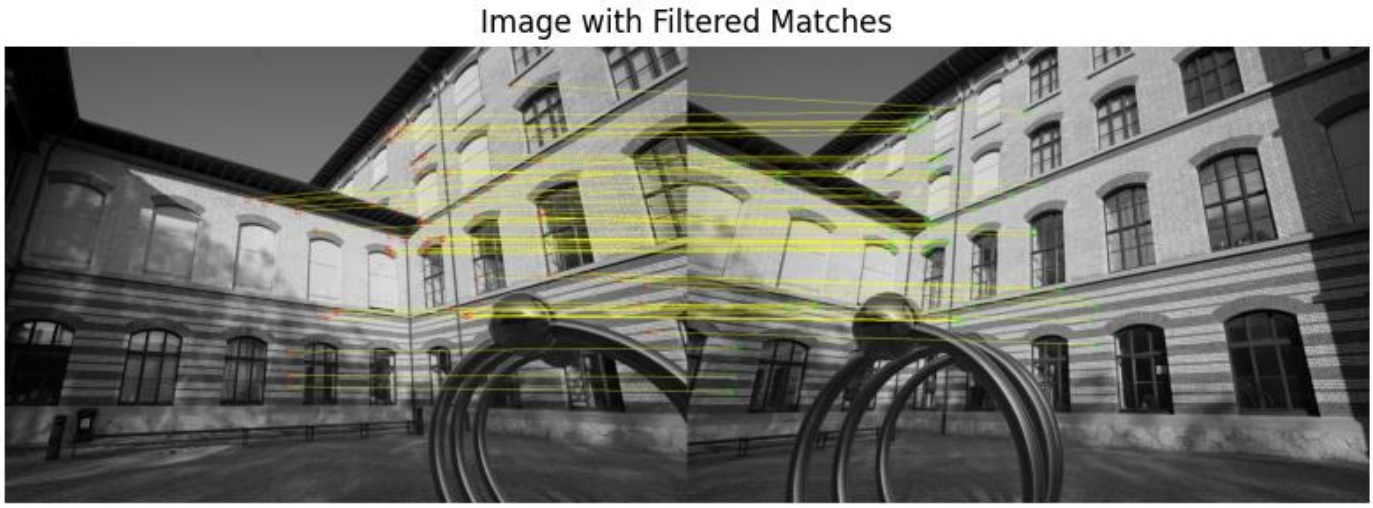
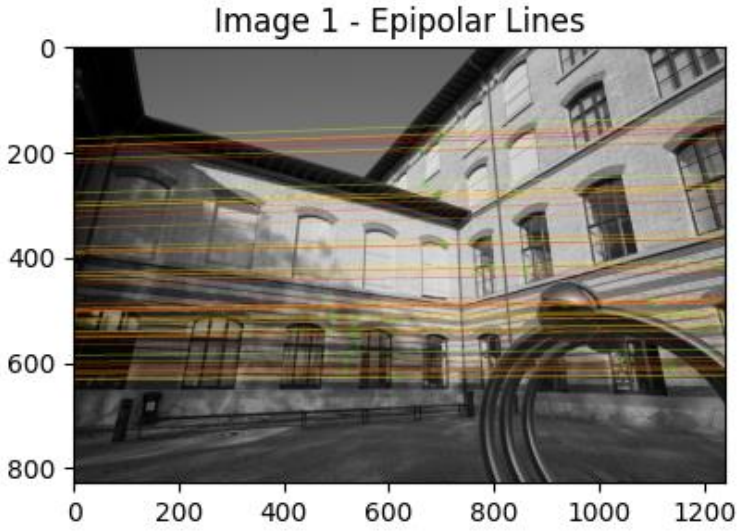
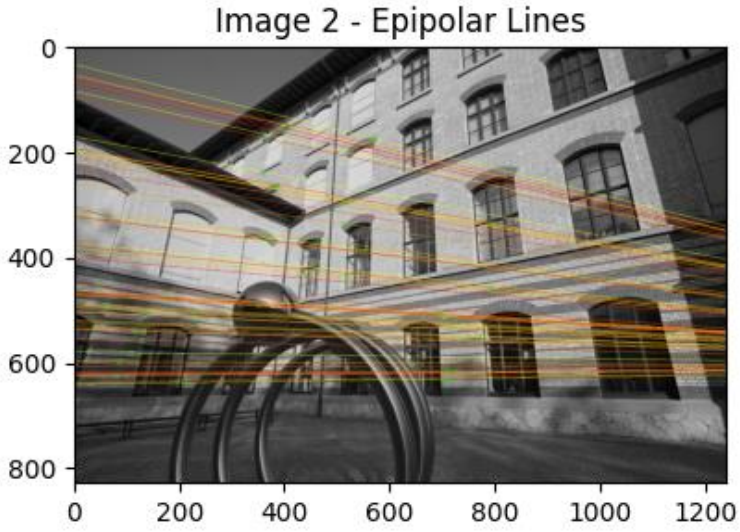
b. Visualizing the Inlier Matches:



c. Epipolar Lines Image:





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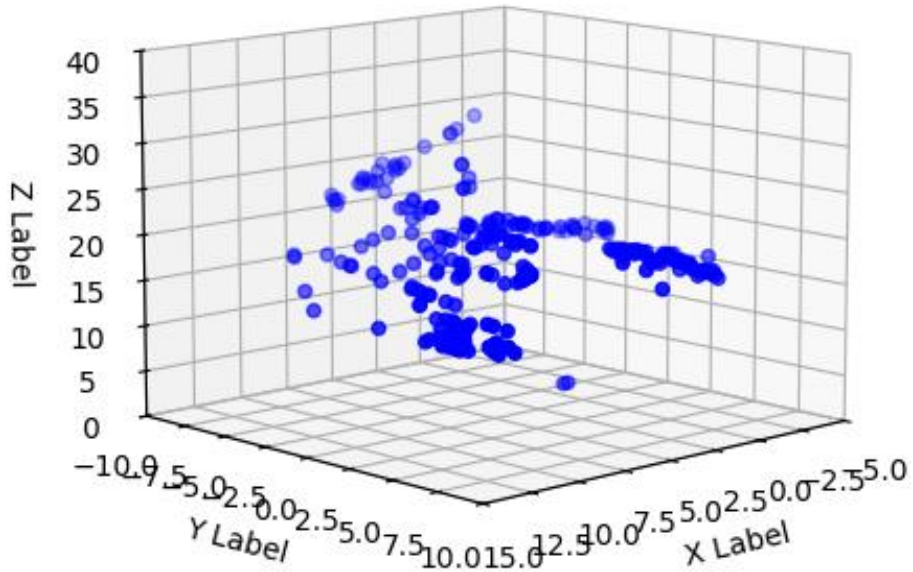
4. 3D reconstruction:



5. Plane Fitting:

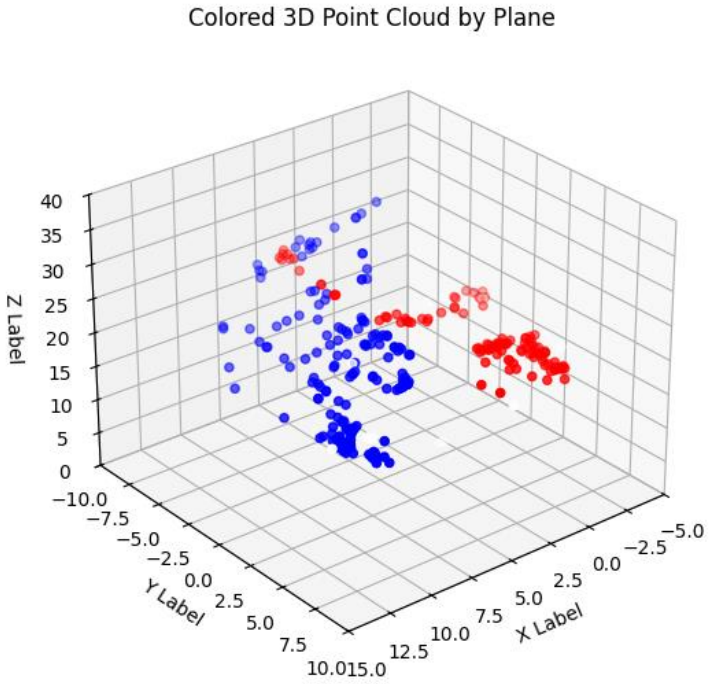


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Image 1 with Colored Points

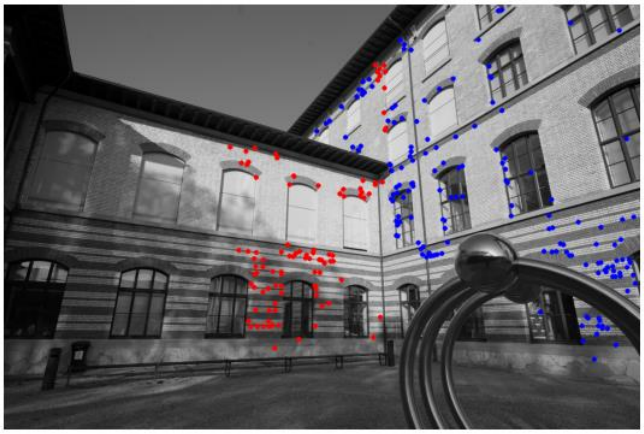
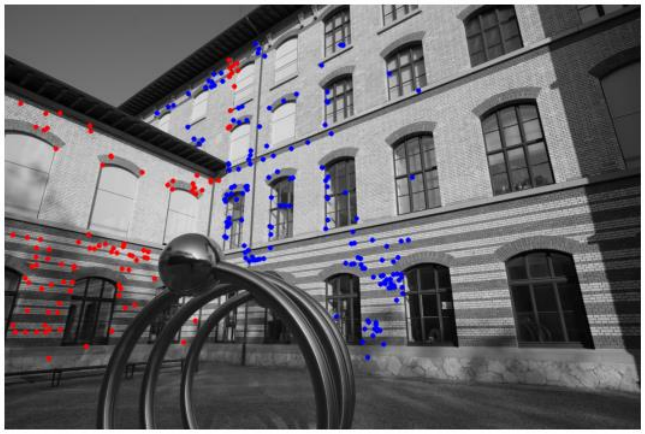


Image 2 with Colored Points



6. Normal Plotting:

Image 1 with Normals

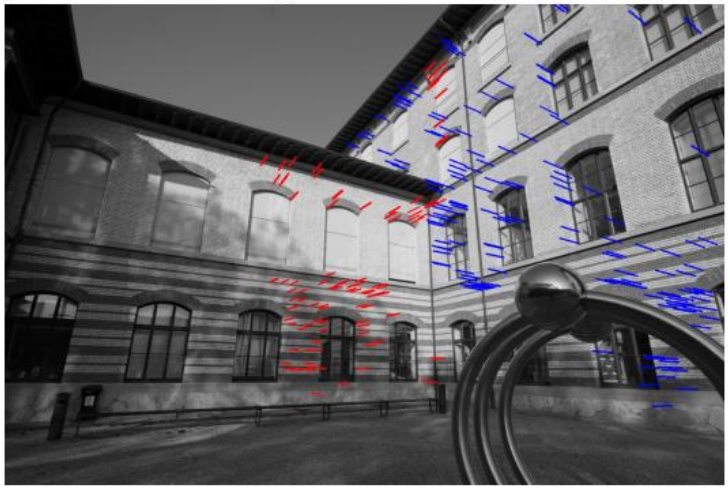


Image 2 with Normals