

Handson 6

CIE5141 Computer Vision in Construction

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Epipolar Geometry

Part 1.

1. Please paste the fundamental matrix using RANSAC (20%)

```
[[-7.23611532e-07  1.50068035e-05 -4.35324299e-03]
 [-1.30377217e-05 -1.94909382e-06  7.25257618e-04]
 [ 4.22390407e-03 -3.61711771e-03  9.99974799e-01]]
```

2. Please paste the fundamental matrix using 8-point algorithm. (20%)

```
[[-3.74073274e-06  2.27761458e-05 -6.78832423e-03]
 [ 4.40971121e-06  1.00206266e-06  1.54878189e-02]
 [ 2.00454224e-03 -2.20204228e-02  9.99612489e-01]]
```

3. Please show the outliers and inliers image using the mask from fundamental matrix using RANSAC. (40%)



Part 2.

1. Please show the epilines results between img1 and img2. (40%)

