

CSE 5524 HW9

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1)

Result:

the camera matrix P is:

```
[[ 2.12330795e-03  2.03511419e-03  1.66862830e-03 -9.12321098e-01]
 [-6.18899525e-04  1.38205038e-04  2.75867267e-03 -4.09451242e-01]
 [ 4.24758956e-06 -2.12812971e-06  3.68280941e-06 -6.69706591e-04]]
```

2)

Result:

sum-of-squared error is 18.7469

3)

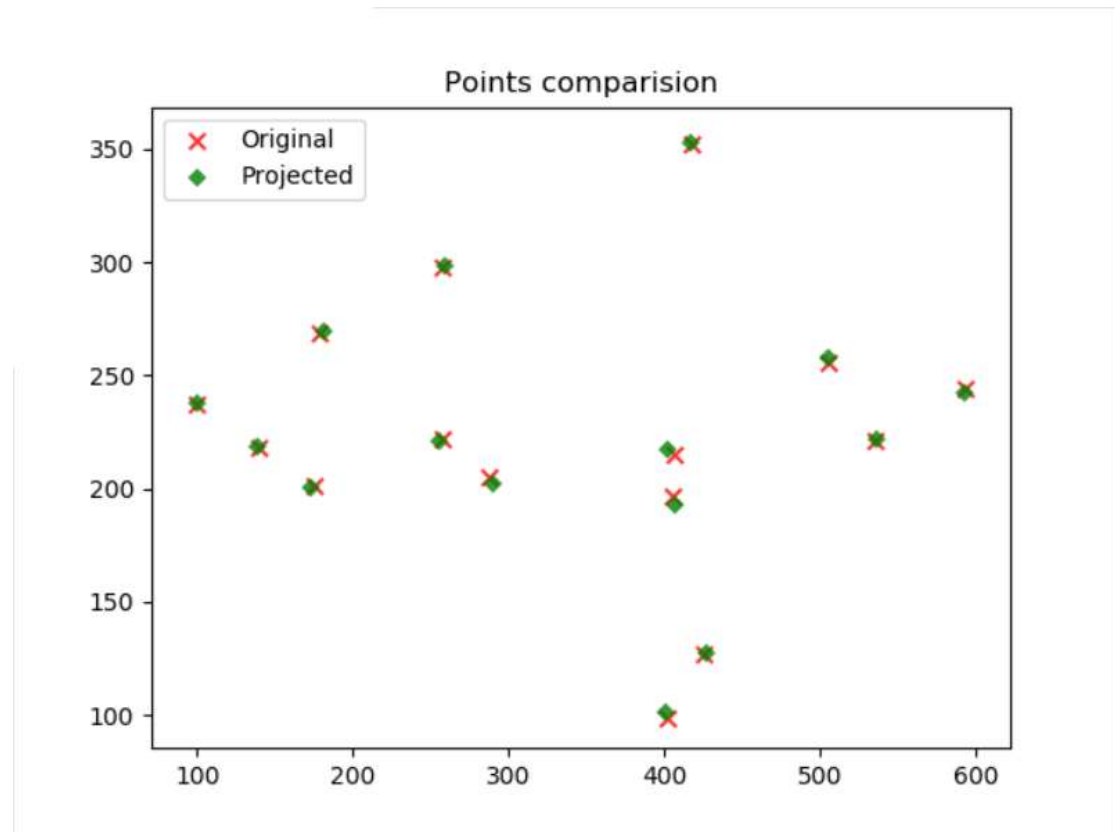
Result:

the homography H is:

```
[[ 3.87480204e-01  4.84207998e-01 -2.13950934e+01]
 [-6.08850486e-02  2.70882946e-01  9.04191215e+01]
 [ 2.64281729e-04  3.34607182e-04  4.07209735e-01]]
```

4)

Result:



5)

Result:

sum-of-squared error is 105.9739