```
% Multiple View Geometry 2021 semester B
%
% Student: Itai Antebi, 204817498

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
% Solution for exercise #4
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
clear;
clc;
```

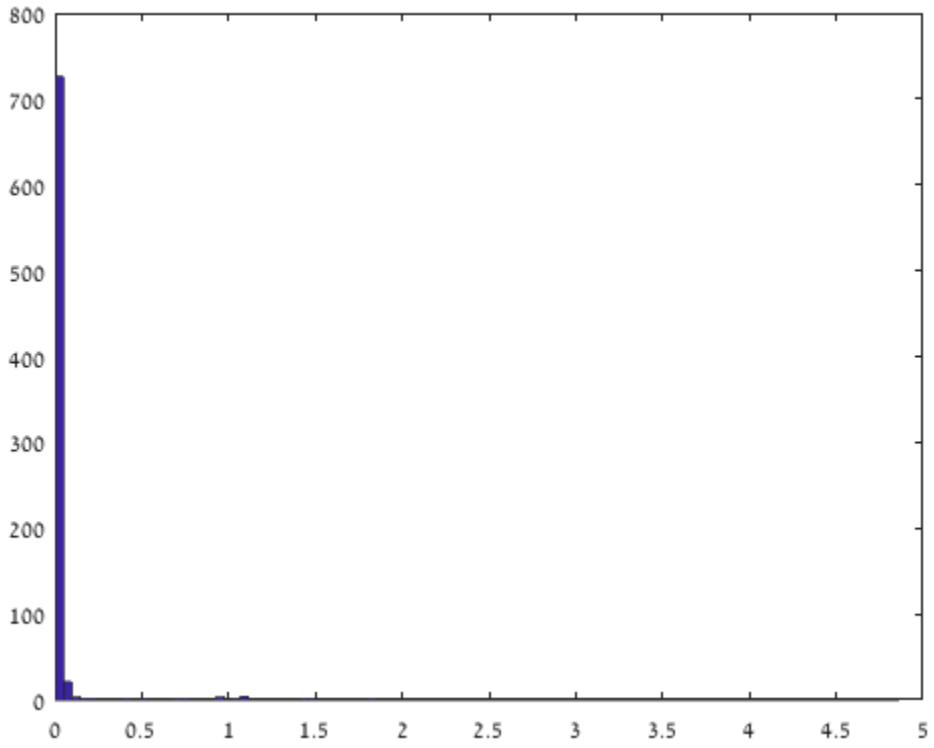
question 1

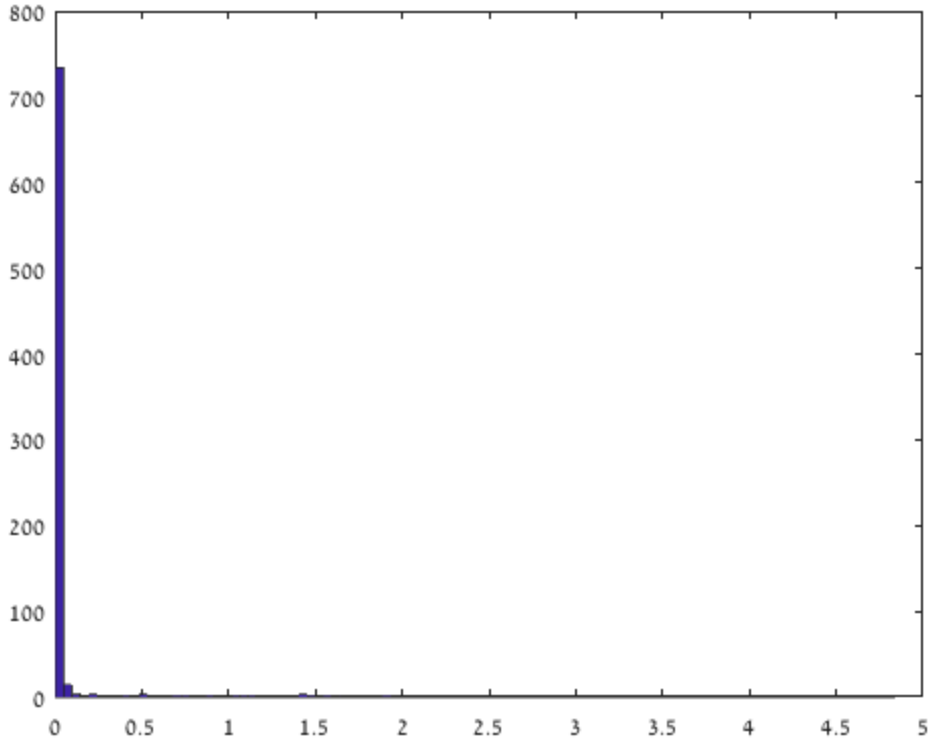
```
ex01;
```

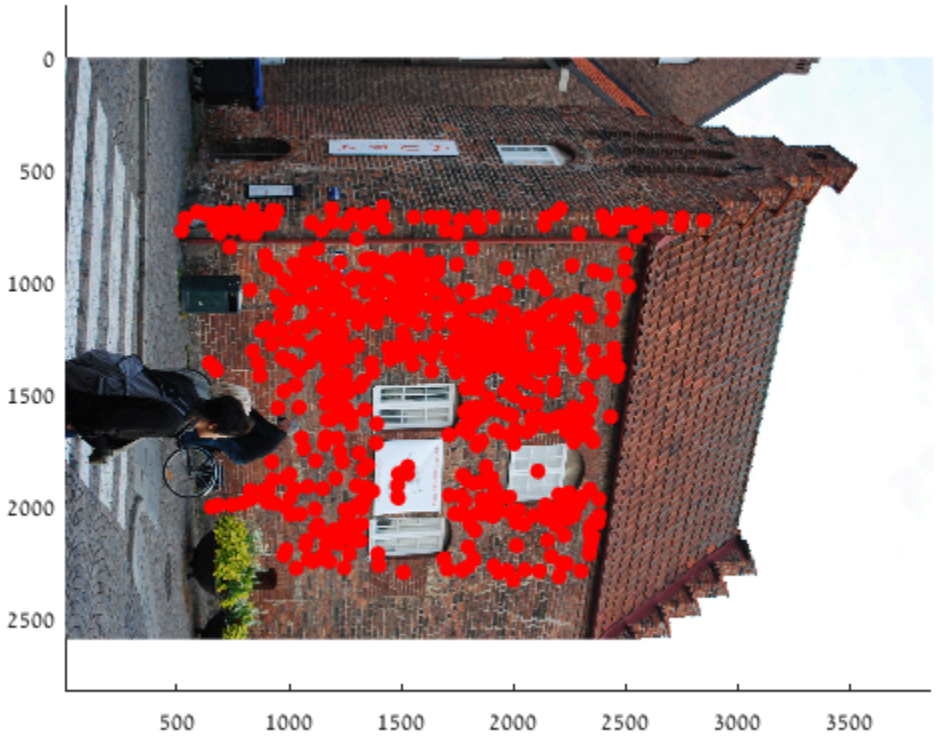
```
RMS distance between all 3D points and least squares plane = 0.516774

Number of inliers at RANSAC model = 739
RMS distance between inlier points and RANSAC plane = 0.036425

RMS distance between inlier points and least squares inliers plane =
 0.025983
```




800
700
600
500
400
300
200
100
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5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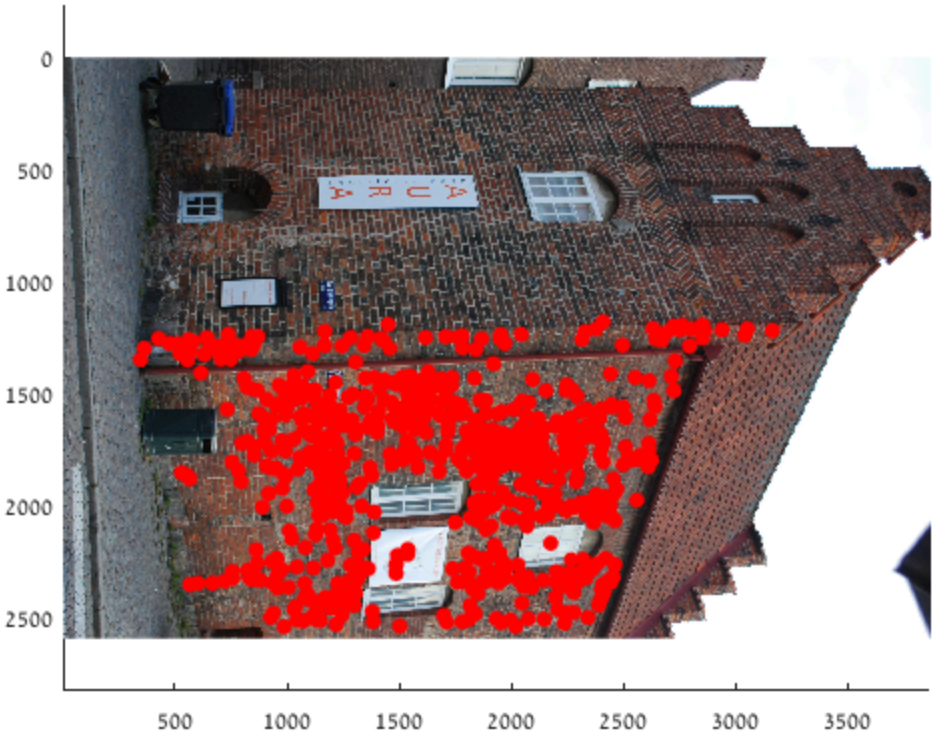
1000
1500
2000
2500
500
1000
1500
2000
2500
3000
3500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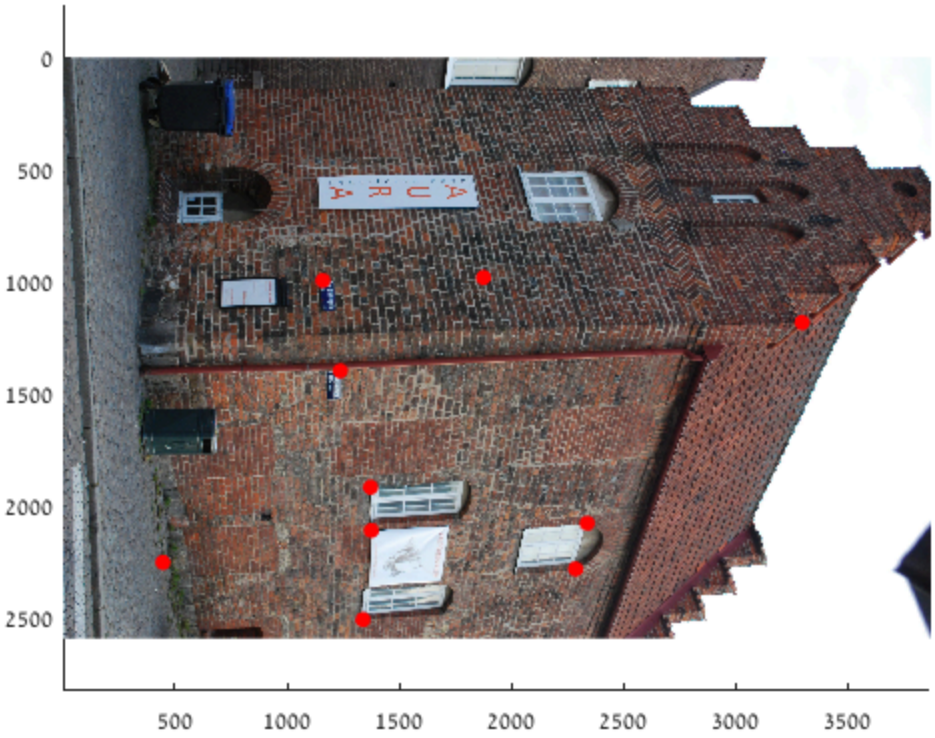
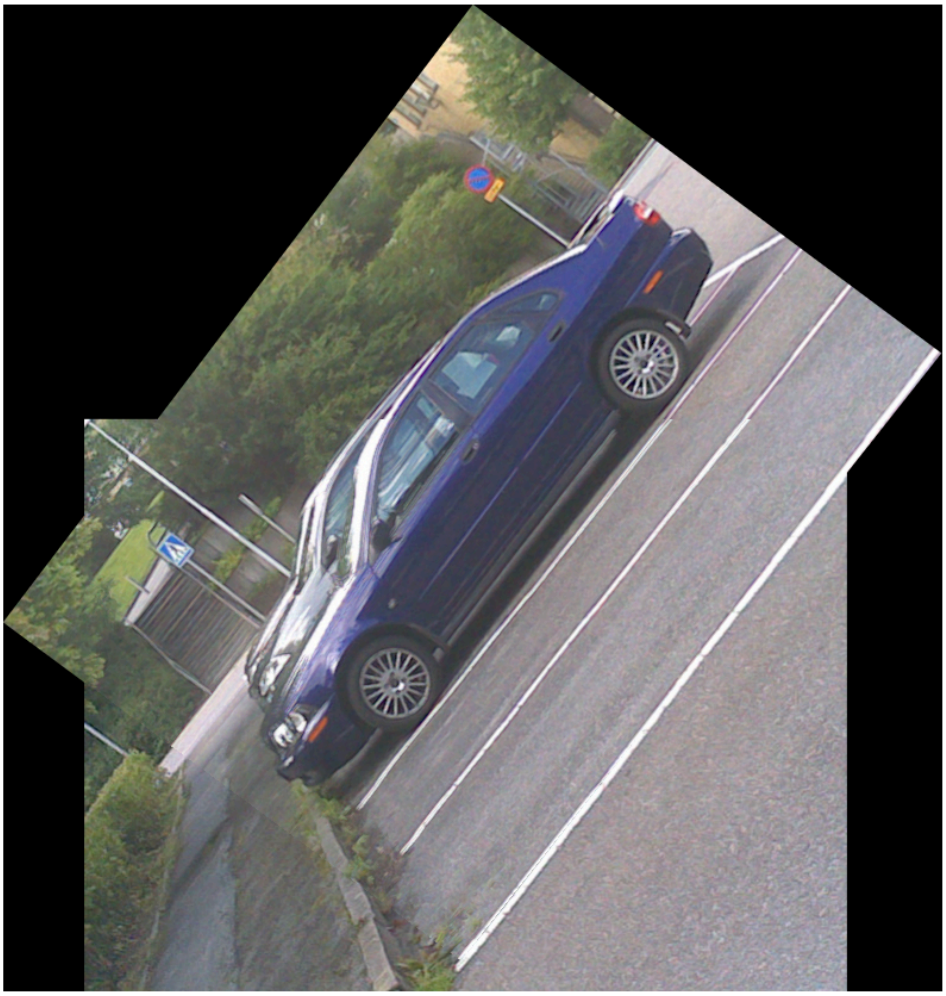


question 2

```
ex02;
```

Number of inliers at RANSAC model = 148



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