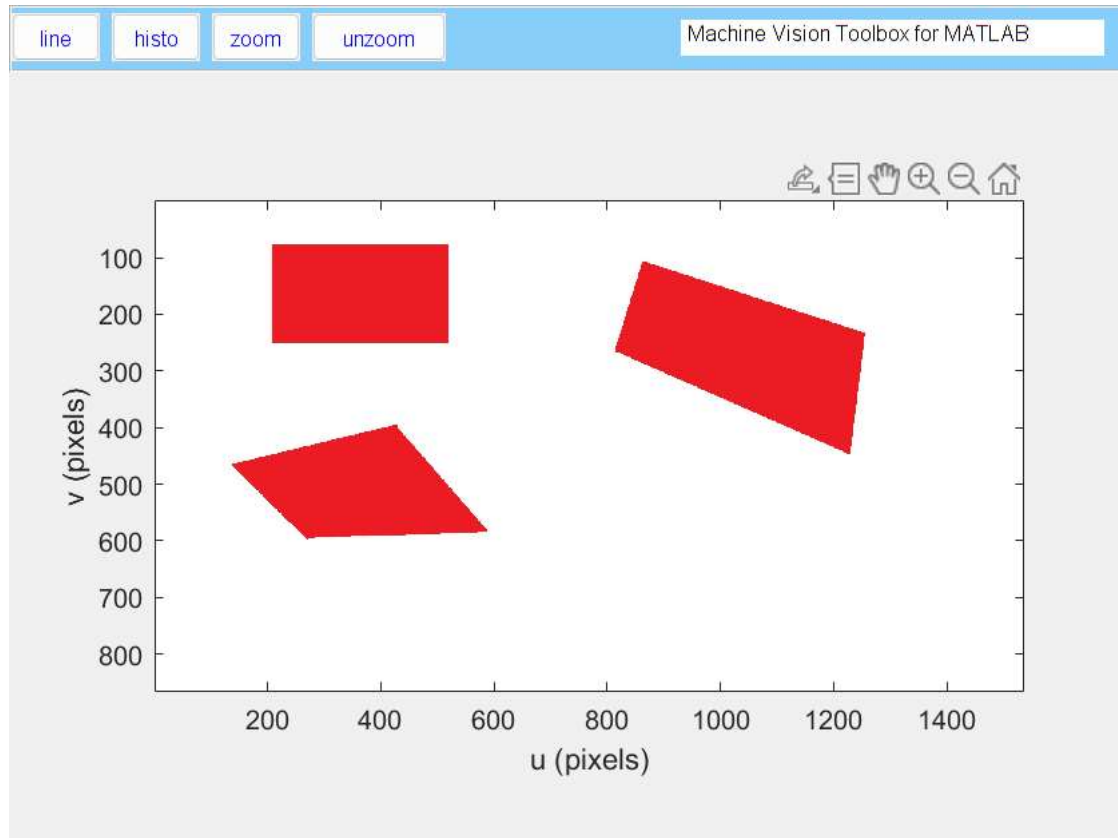


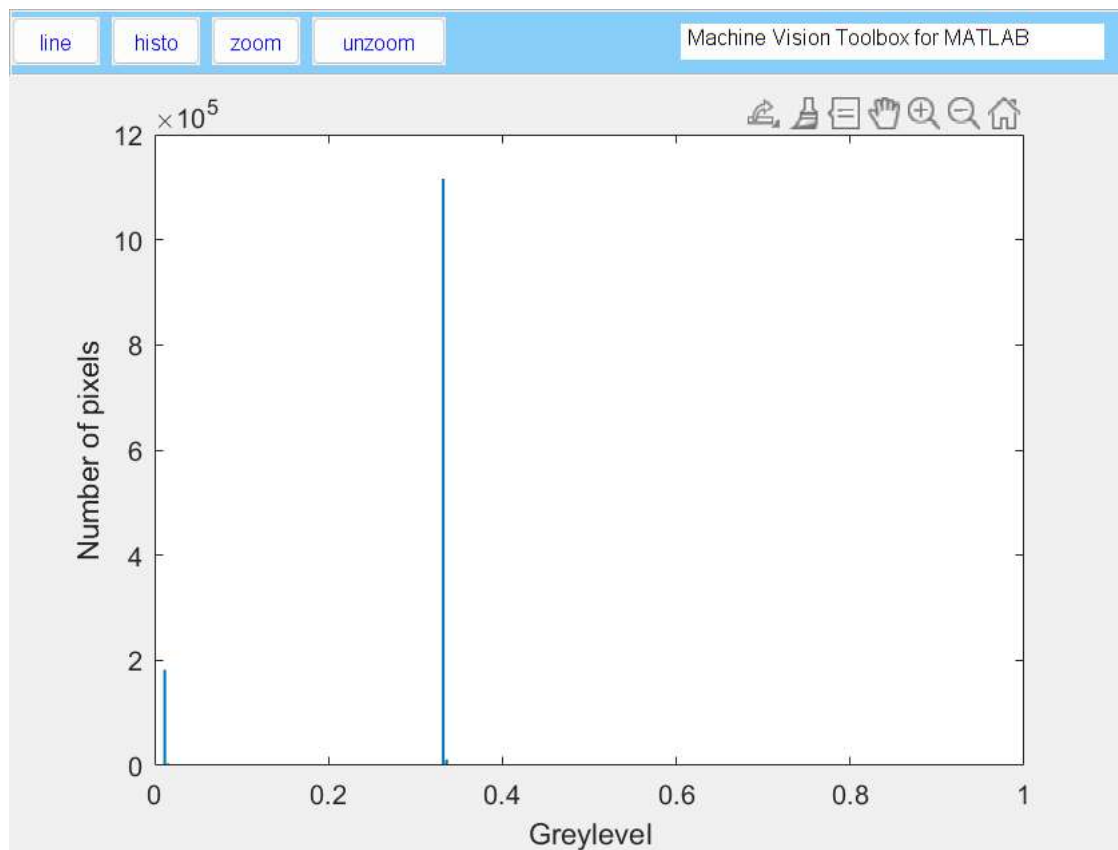
## Homework 6

```
clc
clear
close all

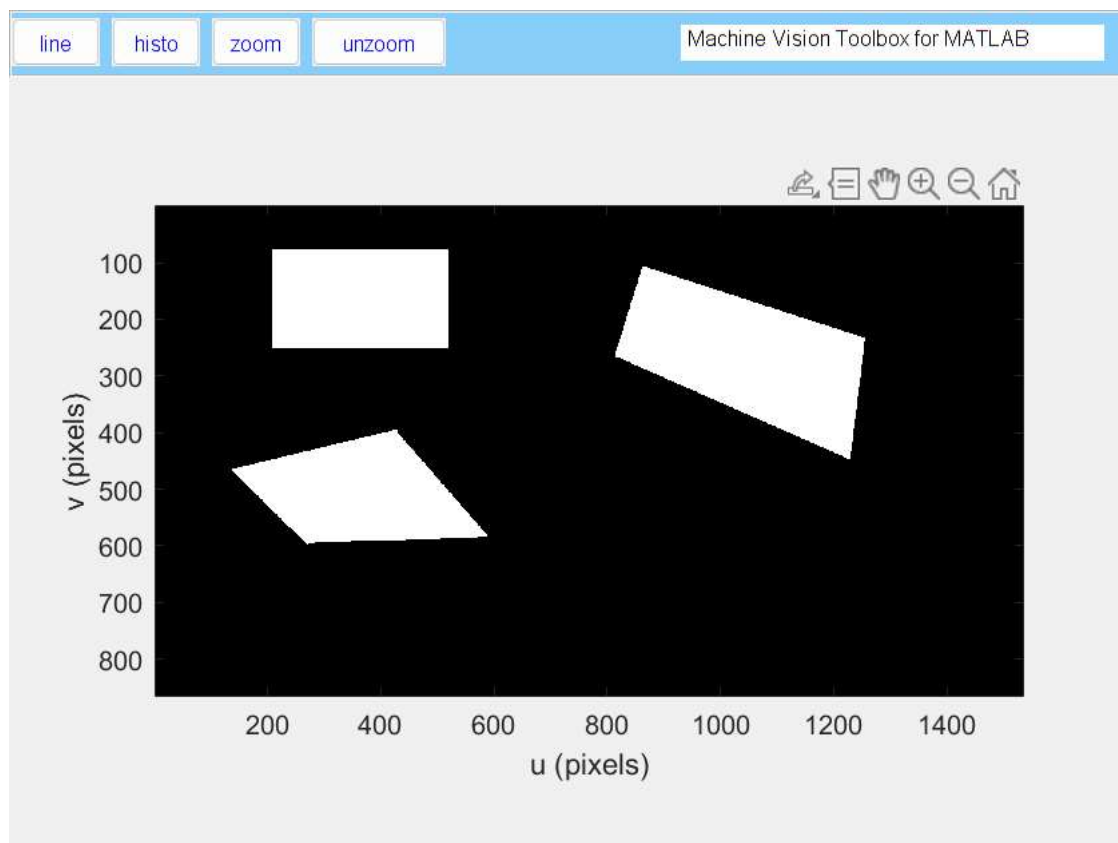
% part 1
b1 = imread('Backboard_test_image.jpg','double');
idisp(b1);
```



```
linear = igamm(b1, 'sRGB');
[r,g] = tristim2cc(linear);
ihist(g)
```



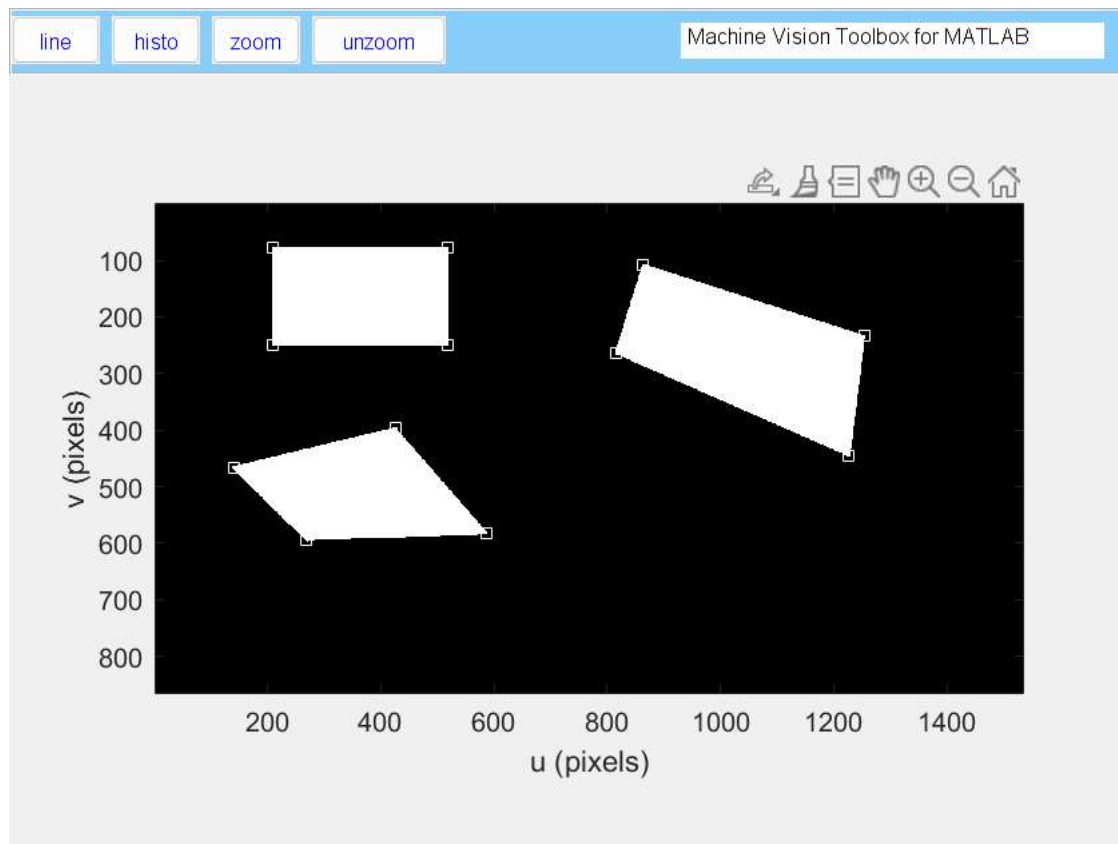
```
mask = g < 0.2;
mask2 = icolor(idouble(mask));
idisp(mask2);
```



```
A = icorner(mask, 'detector', 'harris', 'nfeat', 200);
```

15 corners found (0.0%), 15 corner features saved

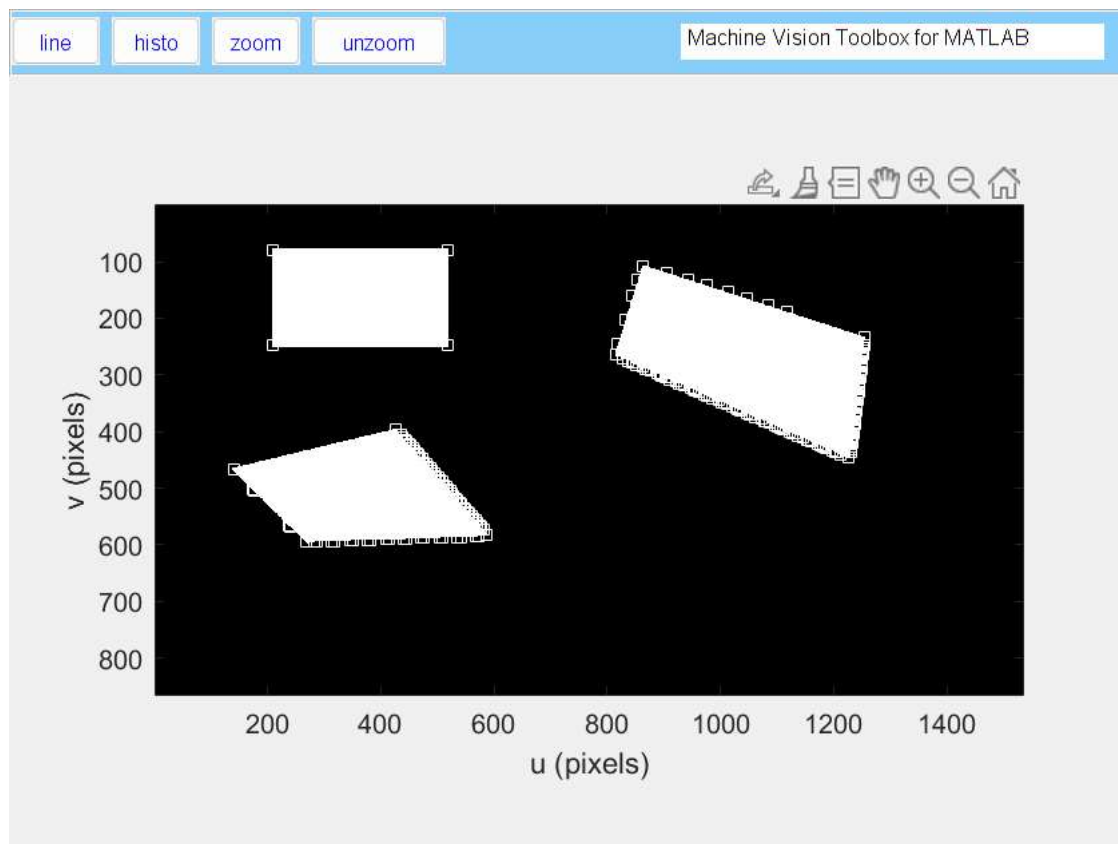
```
idisp(mask2);  
A.plot('ws');
```



```
B = icorner(mask,'detector','noble','nfeat',200);
```

372 corners found (0.0%), 200 corner features saved

```
idisp(mask2,'dark');  
B.plot('ws');
```



```
C = icorner(mask, 'detector', 'st', 'nfeat', 200);
```

348 corners found (0.0%), 200 corner features saved

```
idisp(mask2, 'dark');  
C.plot('ws');
```

