

Homework 6

```
clc
clear
close all

% part 1
b1 = imread('building2-1.png','grey','double');
idisp(b1)
```



```
A = icorner(b1,'detector','harris','nfeat',200);
```

7550 corners found (0.8%), 200 corner features saved

```
idisp(b1,'dark');
A.plot('ws');
```



```
B = icorner(b1,'detector','noble','nfeat',200);
```

7970 corners found (0.8%), 200 corner features saved

```
idisp(b1,'dark');  
B.plot('ws');
```



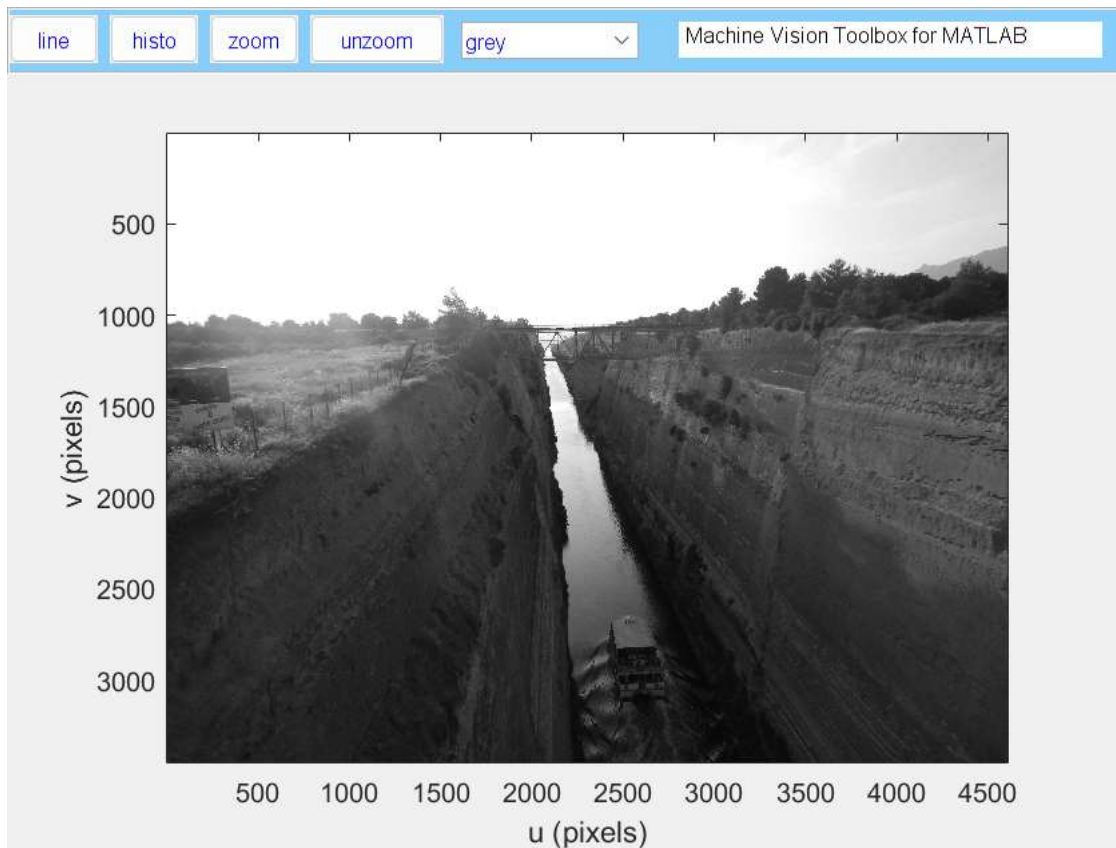
```
C = icorner(b1,'detector','st','nfeat',200);
```

9614 corners found (1.0%), 200 corner features saved

```
idisp(b1,'dark');  
C.plot('ws');
```



```
% part 2  
im = imread('DSCN0986.JPG','grey','double');  
idisp(im);
```



```
edges = icanny(im);  
h = Hough(edges, 'suppress', 5);  
lines = h.lines();  
idisp(im);  
lines(1:2).plot('r');
```

