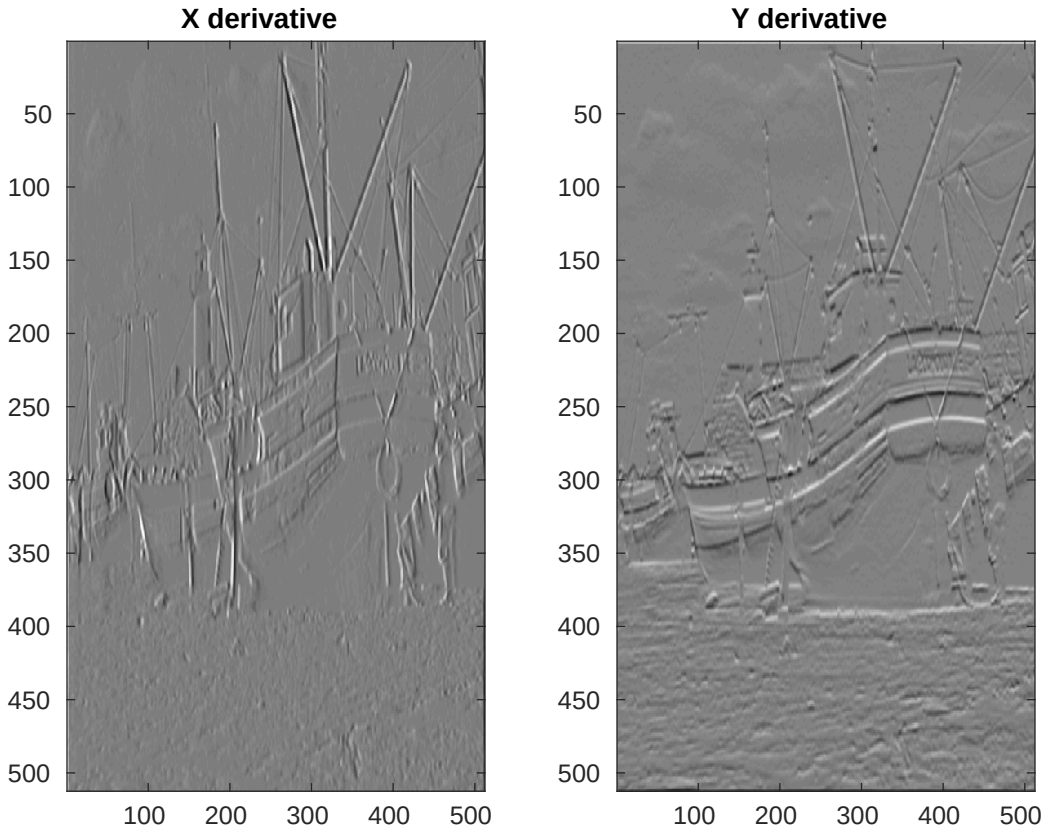
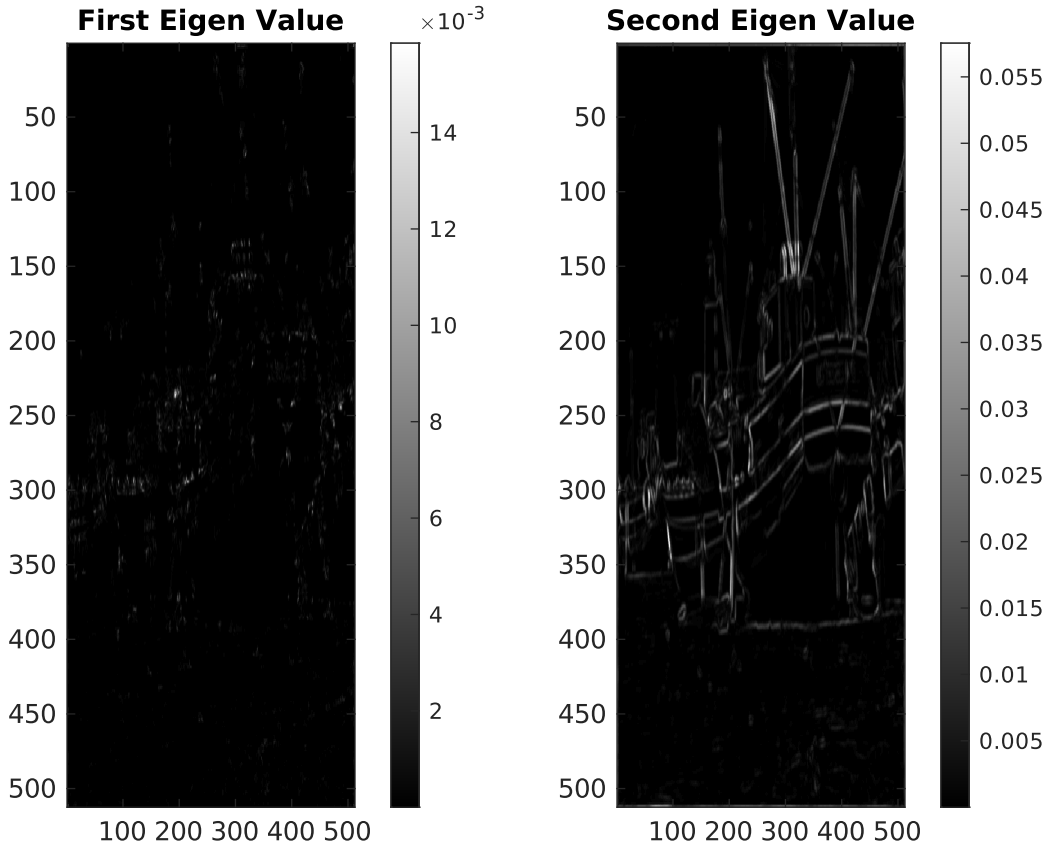
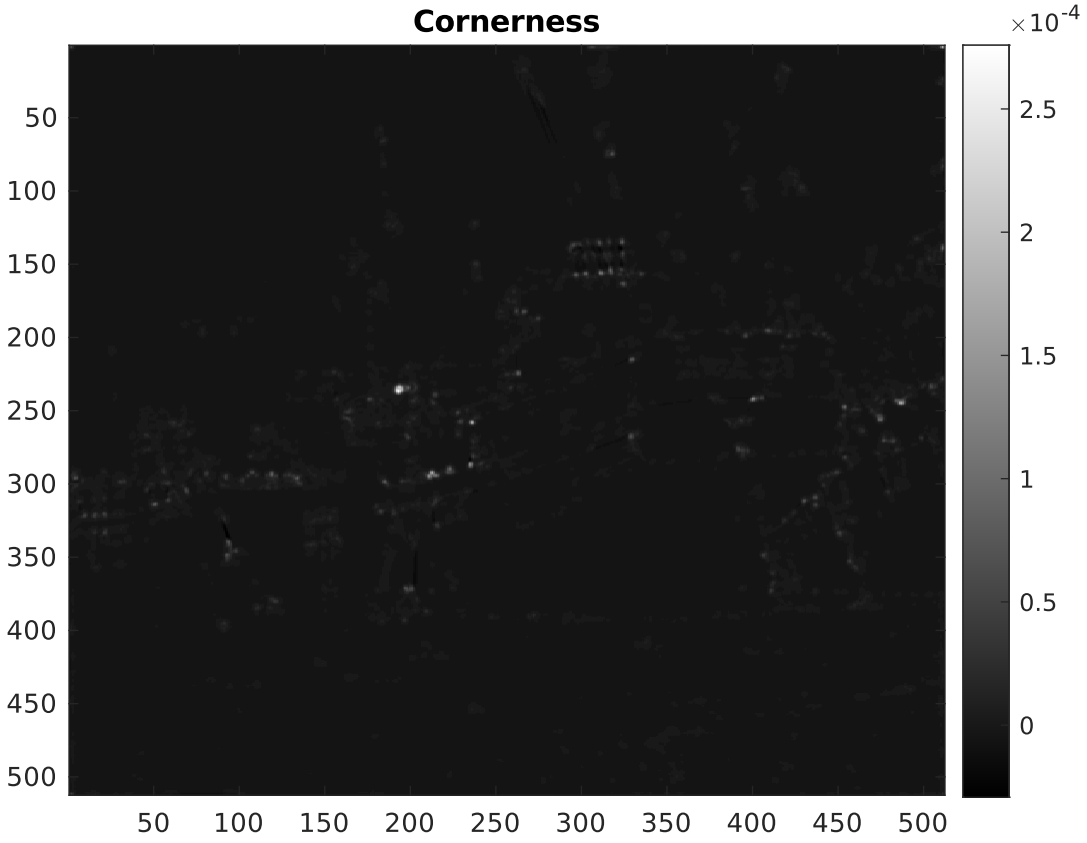

X derivative
Y derivative
50
100
150
200
250
300
350
400
450
500
100
200
300
400
500


First Eigen Value
×10-3
14
12
10
8
6
4
2
50
100
150
200
250
300
350
400
450
500
100 200 300 400 500
Second Eigen Value
0.055
0.05
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
50
100
150
200
250
300
350
400
450
500
100 200 300 400 500



Sigma1 = 1, Sigma2 = 1, k = 0.01