

Part 1

For each partial derivative (x & y), the appropriate Sobel filter was used.

x-derivative

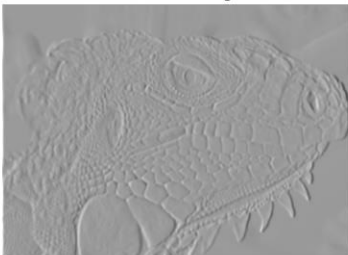
-1	0	1
-2	0	2
-1	0	1

y-derivative

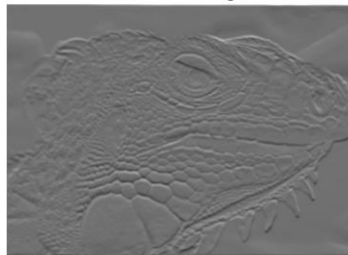
-1	-2	-1
0	0	0
1	2	1

Part 2

X derived image



Y derived image



Gradient magnitude



Part 3

Harris Response



Thresholded Harris Response



Corners



Part 4

Level 1 (345x262)



Level 2 (173x131)



Level 3 (87x66)



Level 4 (44x33)



Level 5 (22x17)

