

# COMPUTER VISION COMP418

## 3<sup>rd</sup> Assignment

25/06/21

Θεοδωράκη Εμμανουέλα

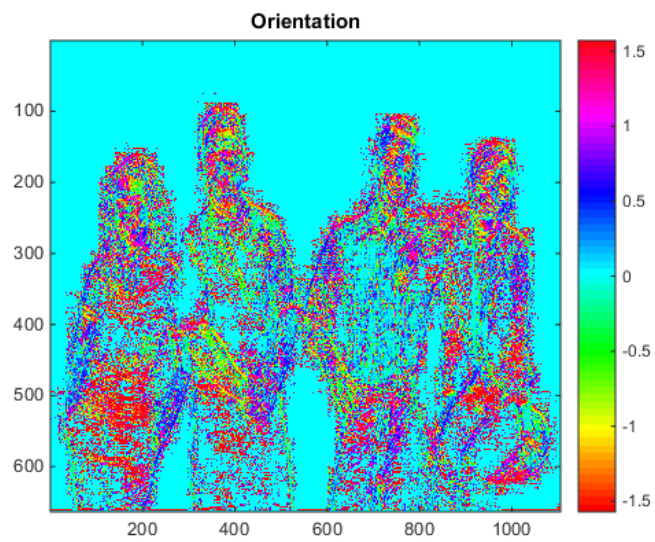
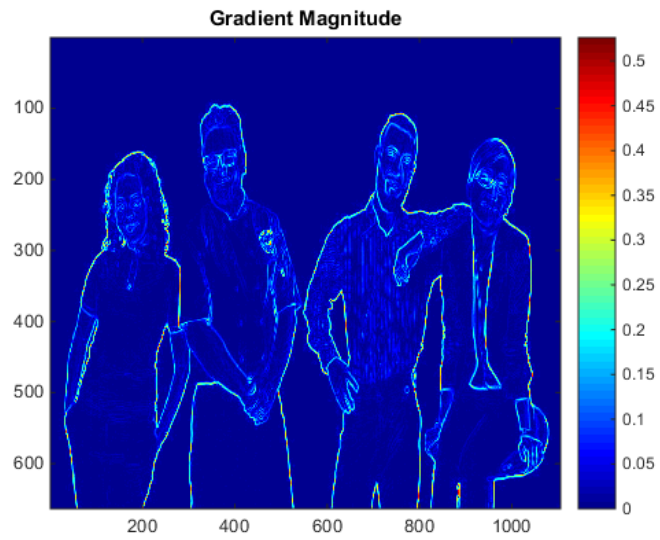
2014030238

Ομάδα 19



# RESULTS

## mygradient.m output





## Demo Detector Output

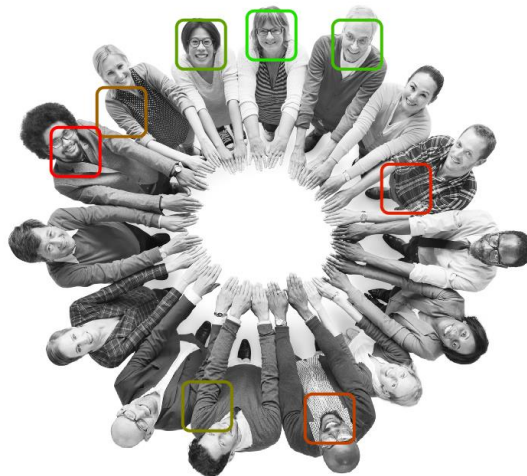
Train image 1



Patches



Detection



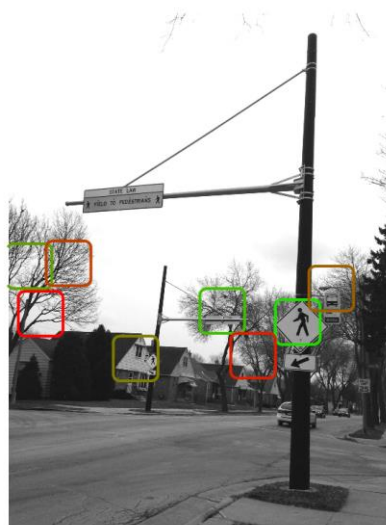
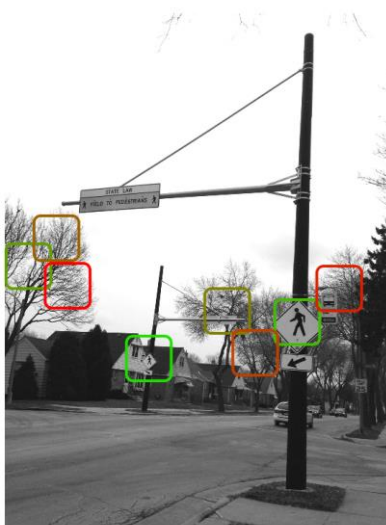
Train Image 2



Patch



Detection



## Modified Detector Output

Train Image

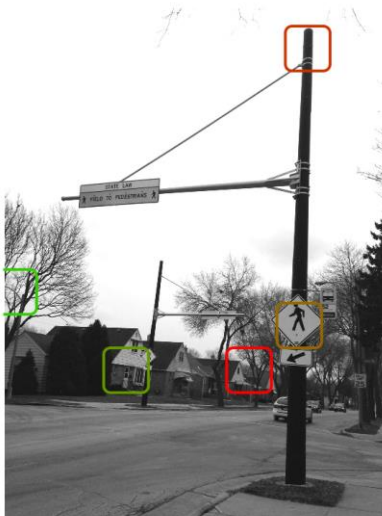


Templates

Positive Template



Detection



# DISCUSSION

For the detection\_script demo:

In the test for images with faces, it seems to do better detection.

In the license plate picture test, it rarely detects the second license plate in the background.

For the modified detection\_script:

In the test for the images with faces, it performs worse detection compared to the images test1-test3.

In the test with images test1-test3 it shows better results than the demo script.

More analysis is needed in the modified script especially for the negative template.