**Computer vision – Homework 1**

|  |  |  |  |
| --- | --- | --- | --- |
| Original Image | Differential image grey X | Differential image X | Diffrential image grey Y |
|  |  |  |  |
| Differential image Y | Gradient magnitude | Gradient angle | Normalized HOG |
|  |  |  |  |
|  | |  | |
| Response map | | Thresholding | |
|  | |  | |
| Non-maximum suppression | |  |  |
|  | |  |  |

Here are different images shown from the results I got using my code. Code takes 10 min 30 seconds to run. And response map is only for 190 x 85 pixels since I didn’t pad 50 pixels on sides. (Prof said it is ok). Code is submitted separately. Folder contains all the images. If you have any questions let me know.