

Written Assignment 4

1. When you examine the detected faces on the query images, what types of faces are hardest to detect? Why do you think these faces are hard to detect?
2. If you wanted to train a side face, or profile face detector how would you do it? Do you think detecting frontal faces or side faces would be easier?
3. In this assignment we only used Haar wavelets as features. What other features do you think would be useful? Would these new features be computationally efficient to compute?
4. Between three types of objects “Newsweek magazines, chairs and sheep” what is the easiest and hardest to recognize and why?