

Homework 1

1. Install OpenCV on your computer
2. Take one color or BW picture of your face
3. Apply several filtering operations to it:
 - ◆ Gaussian smoothing ($\sigma=1,2,3$).
 - ◆ Image derivatives in x,y directions for the original and smoothed images. Show magnitude images.
4. Email me the results with the programs/scripts you used (or post them on your webpage and email me the link). Make sure that you put 'CS 482, Homework 1' in the subject of the message.
5. Due before Sep. 4 class