ECE 5554
Theory and Design of Computer Vision Systems

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HW#2

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1. Write software code to find the orientation of the region in figure2_1.
2. Write software code to count circular and square regions in figure 2_2.
3. Write software code to perform median filtering using a 3X3 mask on lena.pgm.
4. Write software code to perform the following on lena.pgm
    a. horizontal edge detection using the gradient method
    b. vertical edge detection using the gradient method
    c. all edge detection using the LOG filter.