CSE P567 - Winter 2010   **Name_____**

Lab 5 – 2D Wavelet Transform

Overview

You will complete the 2D wavelet transform in this lab. (The last chance to demo and turn in this Lab assignment is the start of Lab 6.)

Finishing Lab 4 Part 1 – Interpolation Module Simulation

Interpolation Module Simulation Signoff _____TA

Finishing Lab 4 Part 2 – Adaptive Exposure Demo

Grayscale Image Exposure Compensation Demo_____TA

Part 1 – 2D Wavelet Transform Simulation

For Homework 4, you were to complete the design of the filter.v module that implements the 2D wavelet transform. Demo this simulation to the TA and show the results using the image file output.

2D Wavelet Simulation (HW 4)_____TA

Part 2 – 2D Wavelet Demo

Now plug your correctly simulating filter.v module in the camera pipeline project provided for this lab and demo the results to the TA.

2DWavelet Transform Demo _____TA