Peter Kirkpatrick

CS350 Project2 Q2 Algorithms

2.

// obtain file name from user

// open file

// read in the input image (**imageIn.ppm**)

for(){ // for entire image

// break image into (**n x n**) blocks

// send each block to (**imgAnalyzer**)

}

// compute binary image for horizontal edge response

// compute binary image for vertical edge response

// compute binary image for combined edge response

// write corresponding images to output file (**imageOut.ppm**)

// close file

// calculate and print **mean** and **standard deviation** for each of the respective images

// close input file

note:

(mean)

(standard)