

Thinning



"python R11922150_HW7.py" to run the program.

In this homework, I follow the step in ppt. In each iteration, I obtain the Yokoi output through the Yokoi number function implemented in hw6. Then, the pair relationship operator will take the Yokoi output as its input, and get the p/q results according to the h value. After that, we can decide whether a pixel should become a background pixel according to the h1 function outputs. Keep iterating until the current output is the same as the last output, then finally we obtain the output of the thinning operator.