
Exercise 08a. Let I be the input image in file `isn_256.pgm`, which has a binary impulsive noise added ("salt-and-pepper" noise). Let B be a structuring element square of size 3.

Compute:

Filter 1: `opening_B (I)`

Filter 2: `closing_B (I)`

Filter 3: `closing_B (opening_B (I))`

Filter 4: `opening_B (closing_B (I))`

Indicate which are the two best filters to eliminate the noise in output file: `'exercise_08a_output_01.txt'` (particularly, the first two lines should contain the filter numbers (1-4)).

Note: image `isn_256.pgm` is attached.
