

Homework 5

[Wavelet & Segmentation]

Deadline: 2016.12.29

Group (2 people)

Wavelet Denoising (50%)

Using C++, C or Matlab, accomplish image denoising.



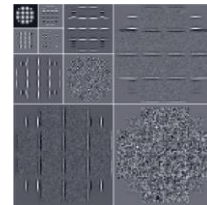
[input] input1.bmp

File: Code

output1.bmp

Report: Wavelet pyramid picture (Haar) (at most 3 levels)

Discuss about 3 different types of Wave Family. (Including Haar)



Wavelet Segmentation (50%)

Using C++, C or Matlab, accomplish image segmentation.

(bonus: maximal suppression or)



[input] input2.bmp

File: Code

output2.bmp (with Red contour)

Report: Explain your structure