

## Code Guide

M. Pourfard, K. Faez, "[A Statistical Approach for the Characterization of Self-Assembled Hexagonal Lattices](#)," Applied Surface Science, 2012 [\[IF=6.182\]](#) [\[Q1\]](#) [\[PDF\]](#).

If you have used the code you must cite the above paper.

Code Language: MATLAB

Date of code: 2012

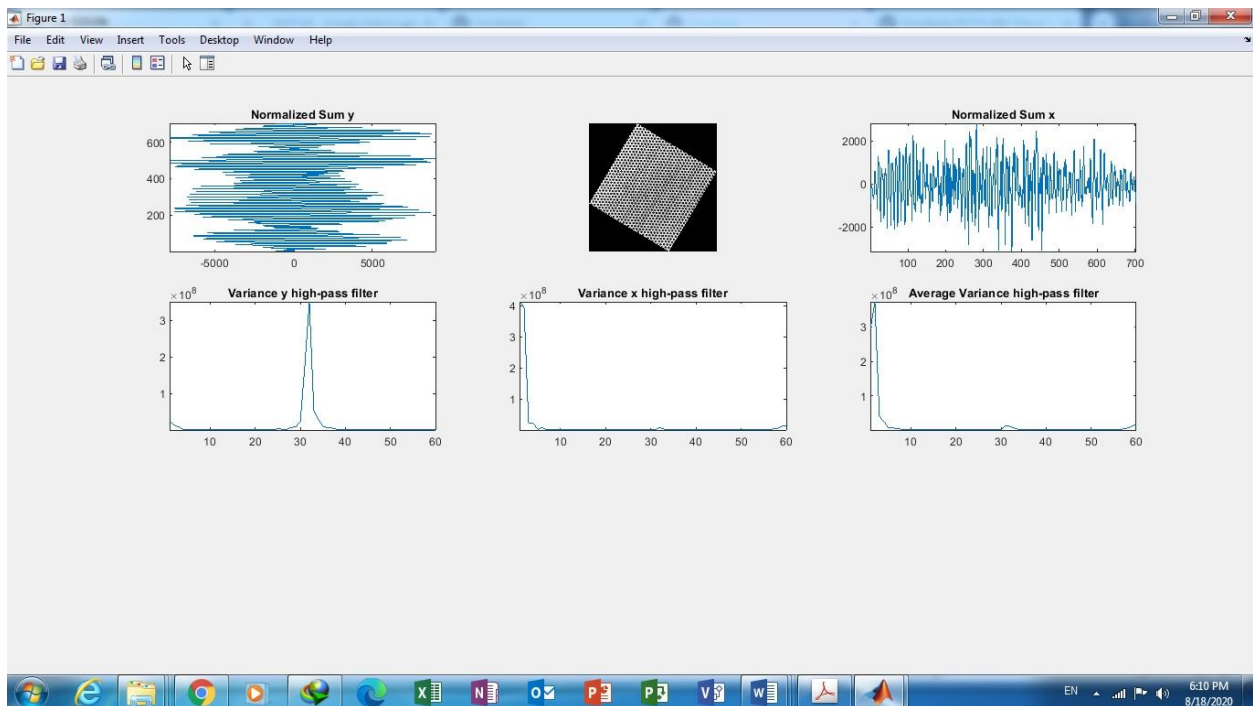
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### How to run the code?

#### The code is:

statisticalnano\_1\_simple\_sum.m, statisticalnano\_1\_simple\_sum\_with\_variance.m,  
statisticalnano\_2\_Adaptive\_filter.m, statisticalnano\_3\_normalization\_part.m,  
statisticalnano\_4\_normalization\_imrotate.m, statisticalnano\_5\_comparision.m



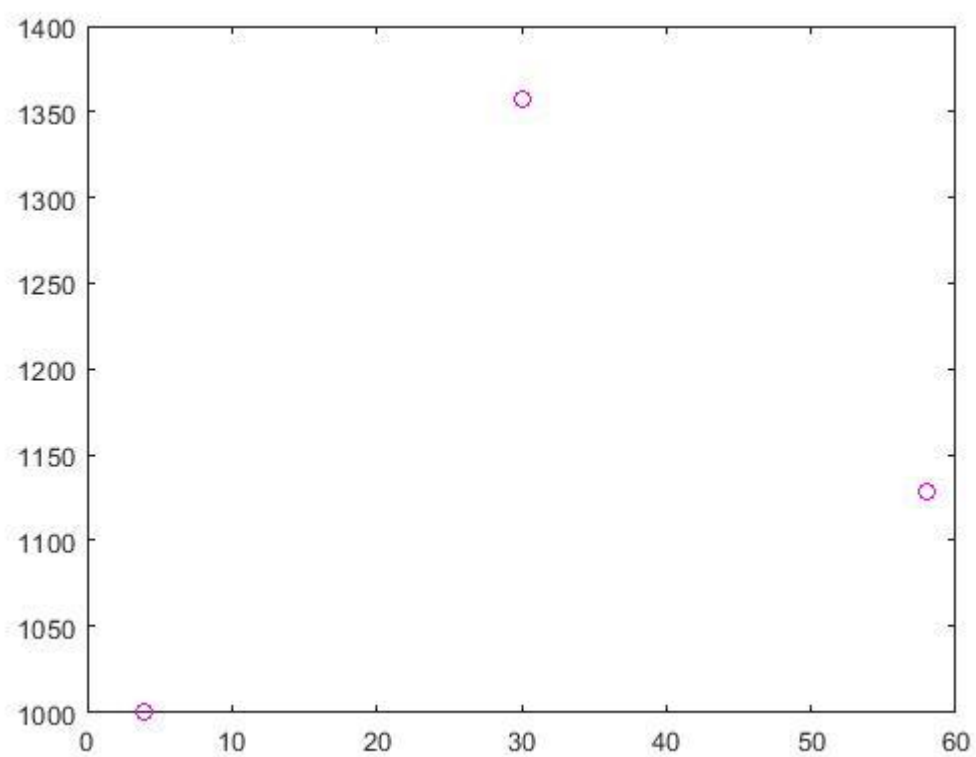


Figure 3 is the peaks' place of the figure 2

**largest domain size with area of 0.097153**

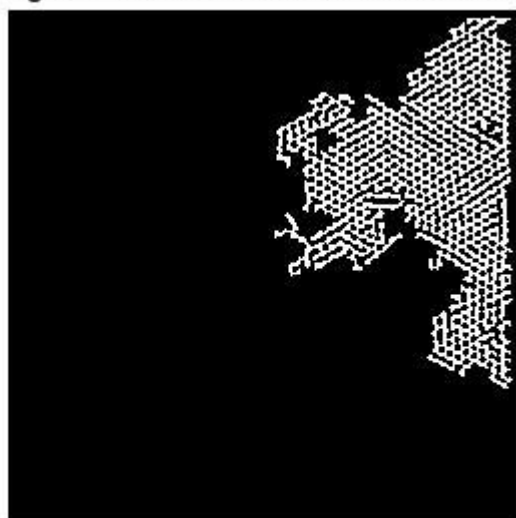


Figure 4 is the largest domain