

# Results-Patch02-Varpro

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Executable: expe\_mammmo

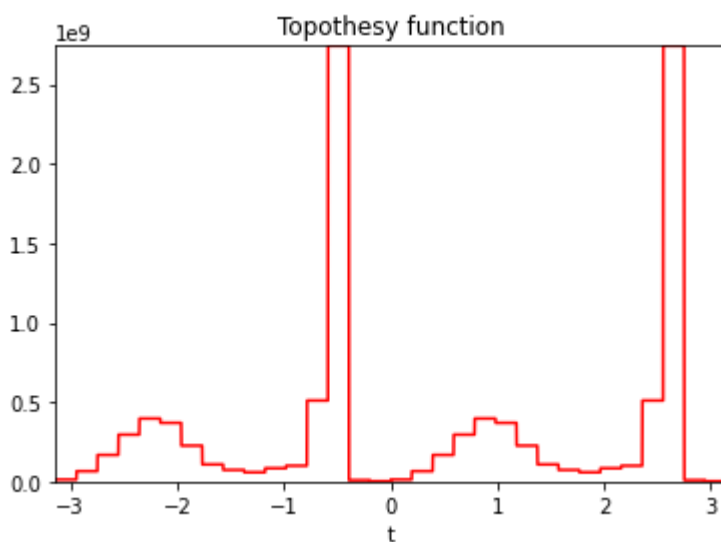
Setting

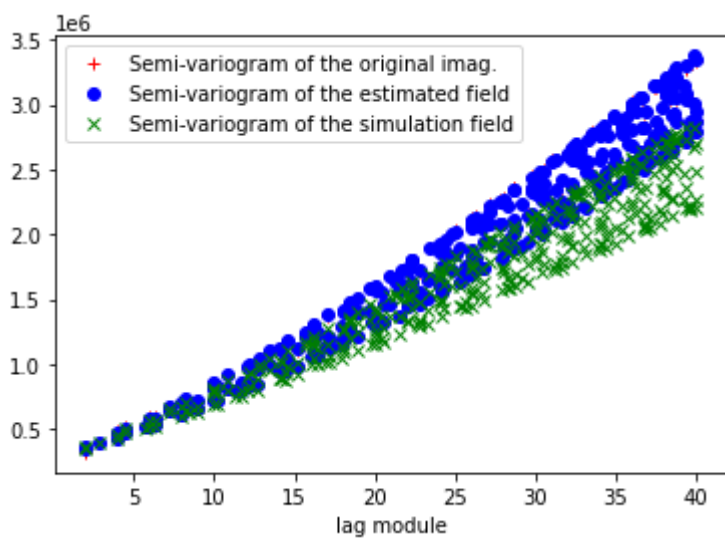
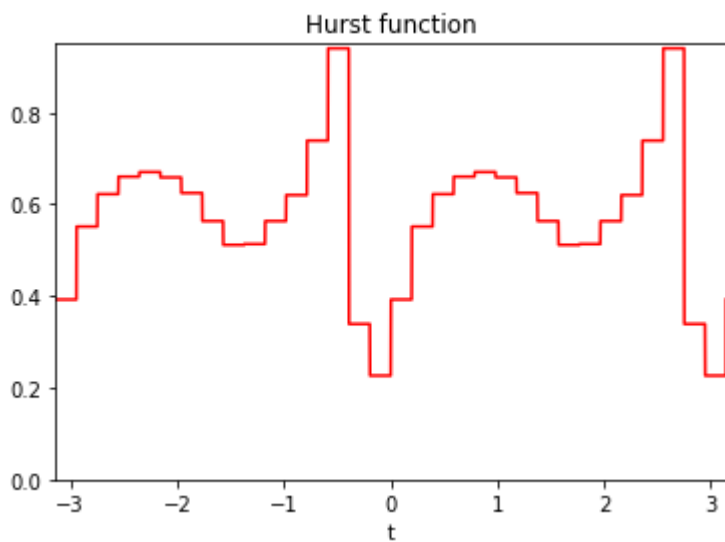
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# Parameters to set the lags where to compute the semi-variogram.
N = 40 # size of the grid for the definition of the semi-variogram.
step = 2 # step for grid definition
scalemin = 0 # minimal scale for grid definition of the semi-variogram.

# Model parameters.
K = 16 # Number of parameters for the Hurst function.
J = K # Number of parameters for the topothesis function.
ftype = "step" # Type of representation for Hurst and topothesis functions.
noise = 1 # 1 if model with additive noise, 0 otherwise.

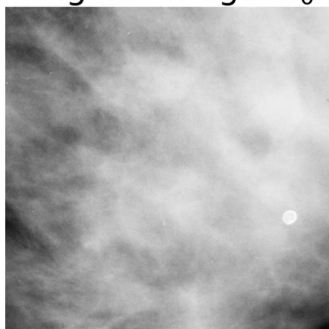
# Optimization parameters
multigrid = True
maxit = 10000
gtol = 0.001
verbose = 1
```

Results

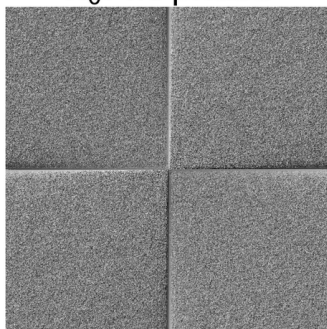




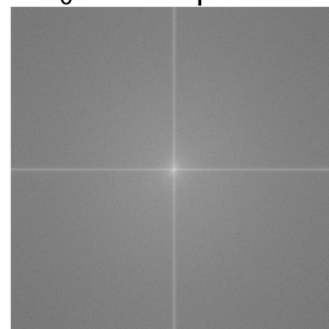
original image:  $x_0$



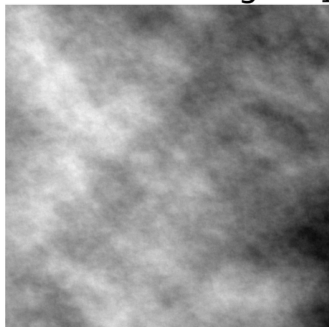
$x_0$ : fft phase



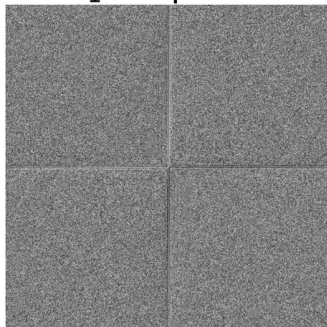
$x_0$ : fft amplitude



simulated image:  $x_1$



$x_1$ : fft phase



$x_1$ : fft amplitude

