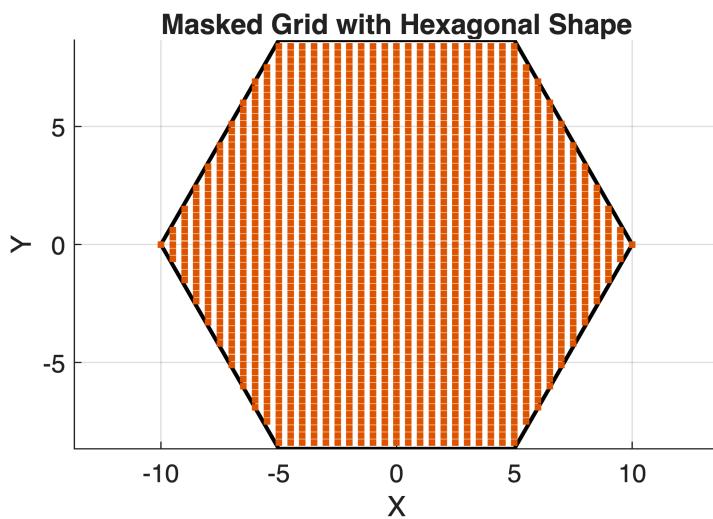
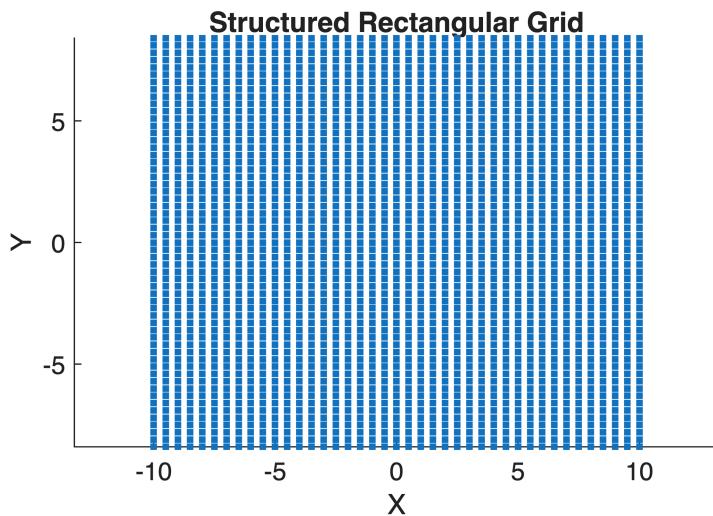
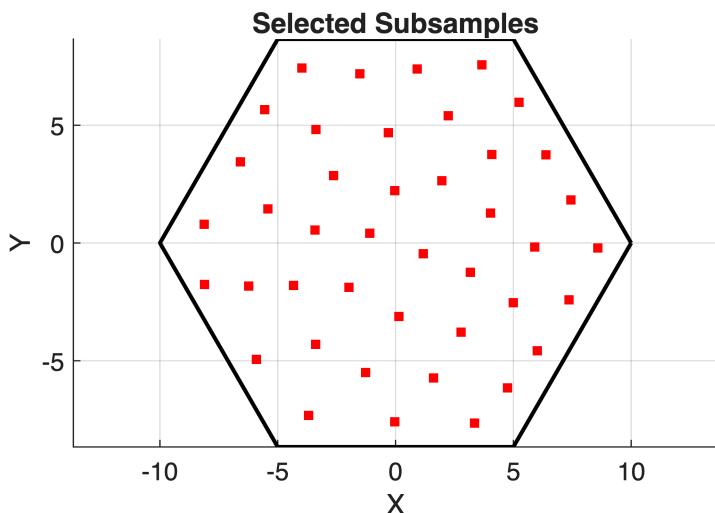


DEMO - HEXAGONAL SAMPLING

This files demonstrates the use of the HexagonalSampling function with an example use. Please refer to the original file for details of funciton description.

```
[subsamples, hex_x, hex_y] = HexagonalSampling(10, 0.02, 0.3, 0.5)
```





```
subsamples = 42x2
-1.0946  0.4135
 2.2317  5.4000
-8.1061 -1.7545
-3.3913 -4.3043
 3.3462 -7.6462
 8.5811 -0.2108
-2.6250  2.8575
 7.3611 -2.4167
-1.2667 -5.5000
 0.9211  7.3895
 6.3816  3.7500
 1.9605  2.6447
 4.0333  1.2733
-4.3333 -1.8000
-0.3068  4.6841
:
```

```
hex_x = 1x7
 10.0000   5.0000  -5.0000 -10.0000  -5.0000   5.0000  10.0000
hex_y = 1x7
    0     8.6603    8.6603    0.0000   -8.6603   -8.6603   -0.0000
```