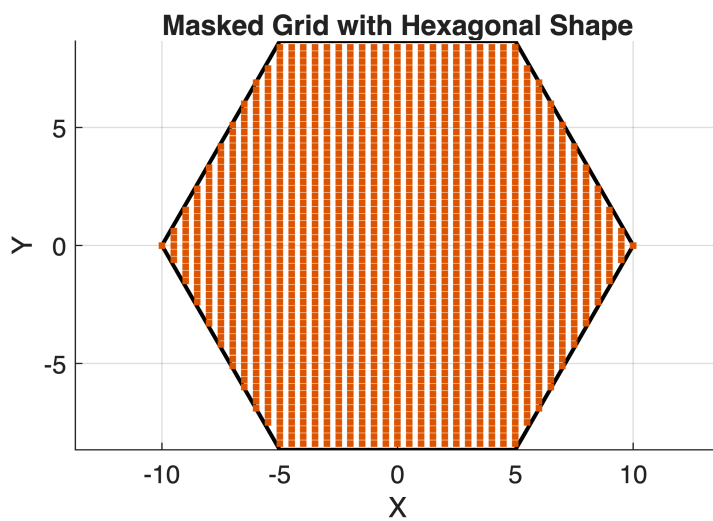
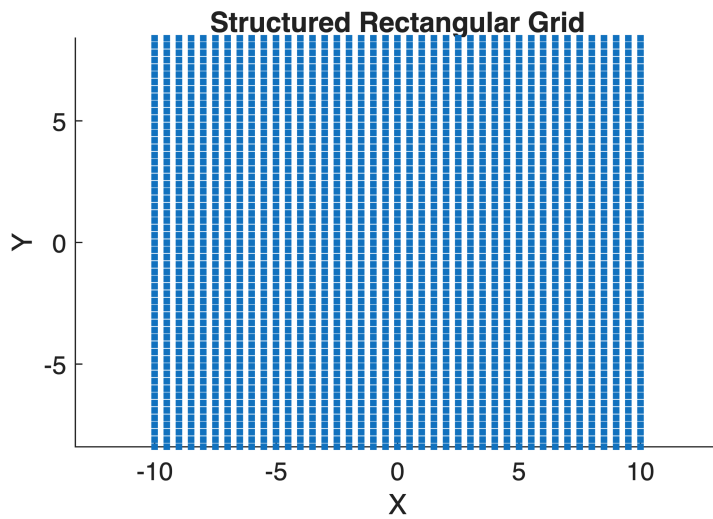
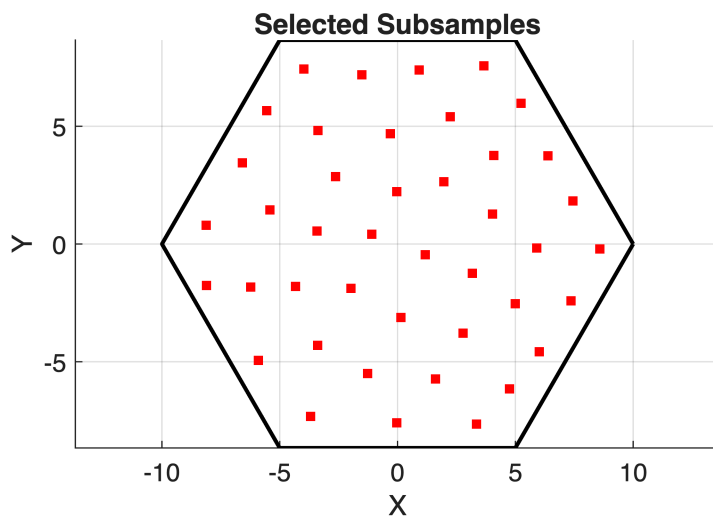


## DEMO - HEXAGONAL SAMPLING

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
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hex\_y = 1x7

0	8.6603	8.6603	0.0000	-8.6603	-8.6603	-0.0000
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