

# Sheet1

For Step run = 500 with dt = 0.001					
N\Method	N^2 algo	verlet list	cell list naive	cell list pro 2	cell list pro 1
100	0.055	0.054	0.044	0.046	
196	0.153	0.085	0.091	0.092	
400	0.518	0.186	0.222	0.199	
576	0.969	0.343	0.288	0.264	
900	2.092	0.492	0.447	0.45	
1225	3.505	0.71	0.7	0.579	
1600	5.625	1.001	0.975	0.779	0.798
2025	8.587	1.313	1.213	0.956	1.023
2500	12.888	1.779	1.398	1.218	1.314
3600	29.292	3.159	1.922	1.807	1.91
4900	62.379	4.802	2.882	2.511	2.735
6400	101.335	7.507	3.532	3.301	3.616