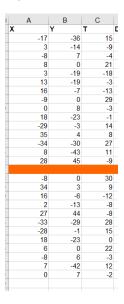
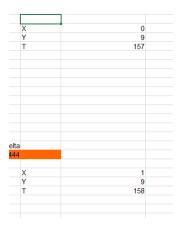
Understanding the Test Results:

the X,Y,T columns represent the initial particles (above the orange bar) and the resampled particles after localization (below the orange bar)...the X and Y represent the particles position in 2-D space, and the T represents their orientation.



the XYT in columns I and J represent the Robots ground truth



At the bottom of each Delta column is the average of each column

then Overall delta represents the average of those 3 columns

	Delta Y	Delta T	Overall Delt	ta
7	45	142	204	
3	23	166	192	X
8	2	161	171	Υ
8	9	136	153	T
3	28	175	206	
3	28	160	201	
6	16	170	202	
9	9	128	146	
0	1	160	161	
8	32	158	208	
29	12	143	184	
35	5	149	189	
34	39	130	203	
8	52	146	206	
28	36	166	230	Overall delta
1	22.4666667	152.666667	190.4	121.844444
-				

Finally we have Performance Percentage, this was the number that determined success in each experiment it is the percent difference between the resample particles and the initial particle set.

Performance Percentage	0.09615735	