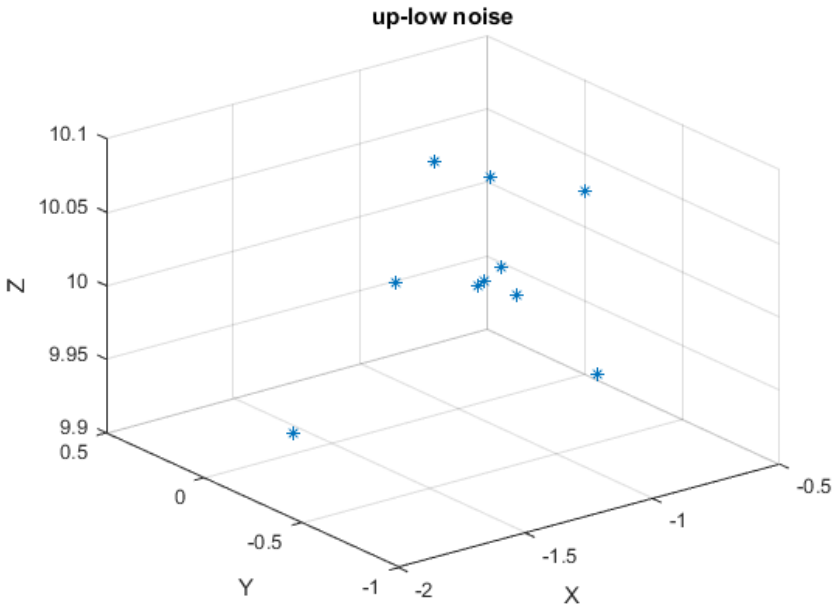
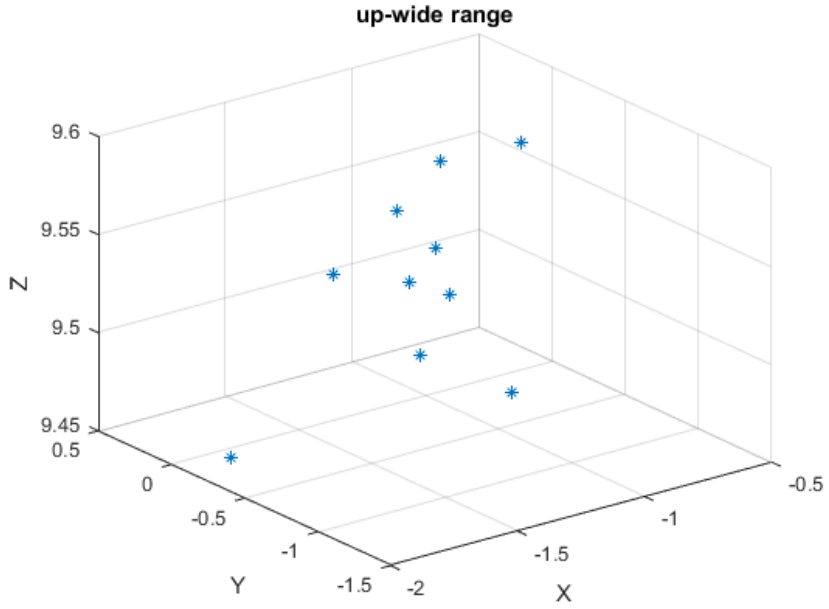
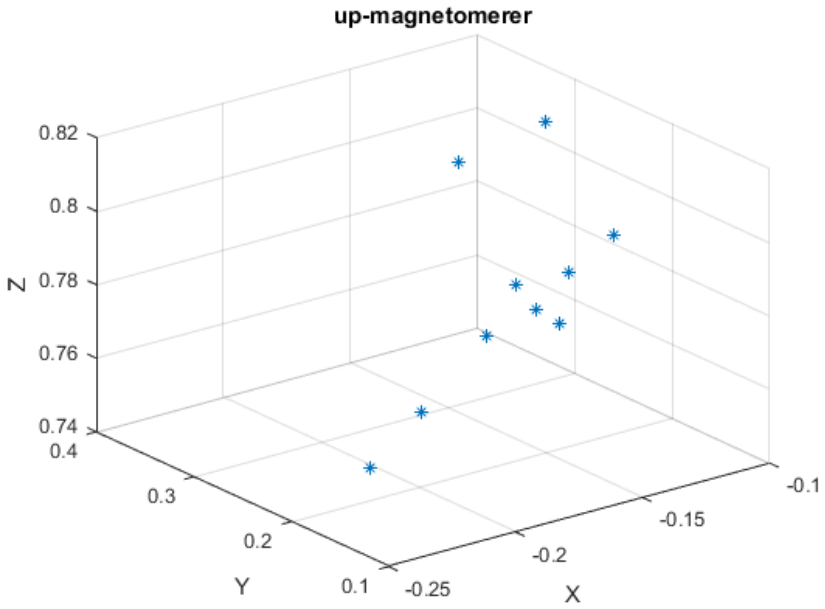
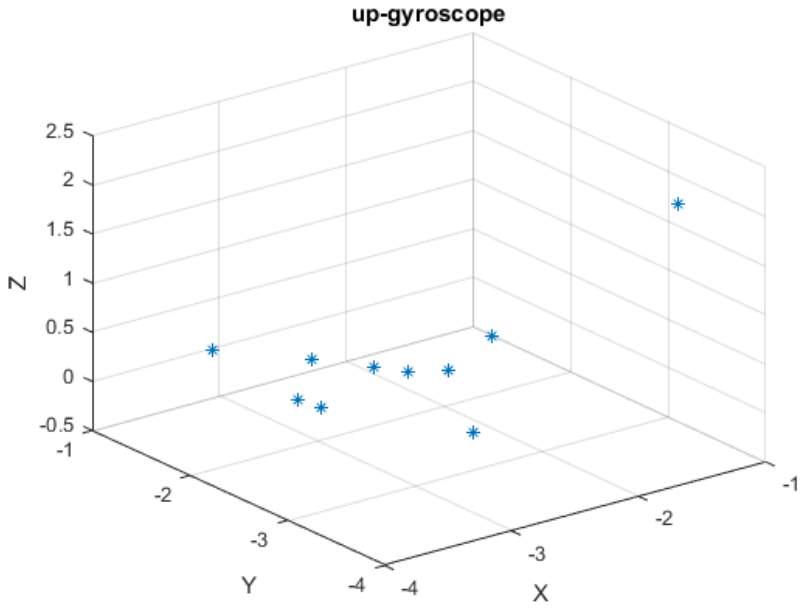
Movement: UP

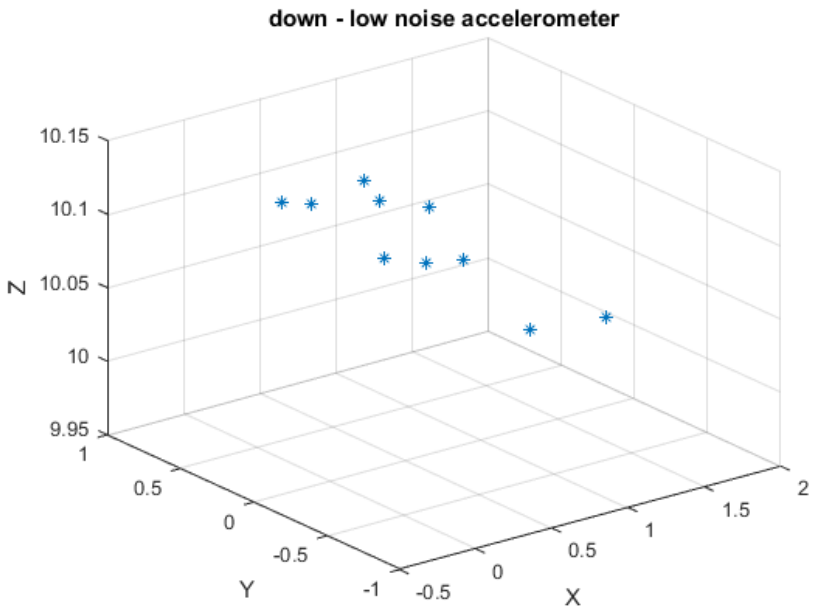

up-low noise
10.1
10.05
10
9.95
9.9
Z
0.5
0
-0.5
-1
Y
-2
-1.5
-1
-0.5
X

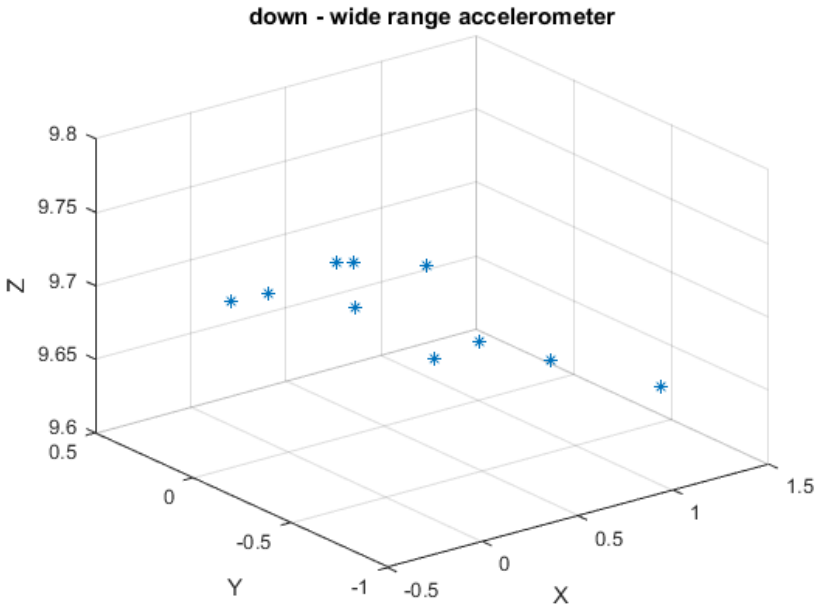

up-wide range
9.6
9.55
9.5
9.45
Z
0.5
0
-0.5
-1
-1.5
Y
-2
-1.5
-1
-0.5
X

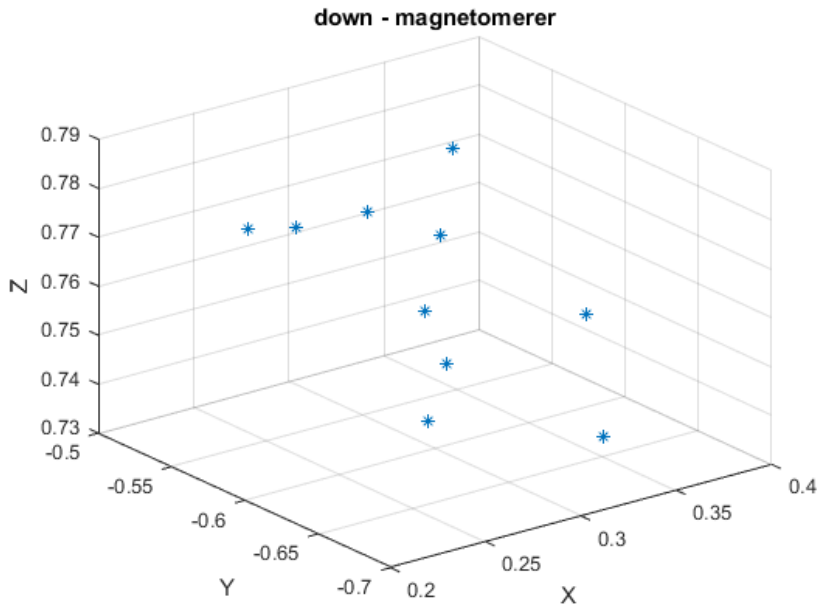

up-magnetomerer
0.82
0.8
0.78
0.76
0.74
Z
0.4
0.3
0.2
0.1
Y
-0.25
-0.2
-0.15
-0.1
X

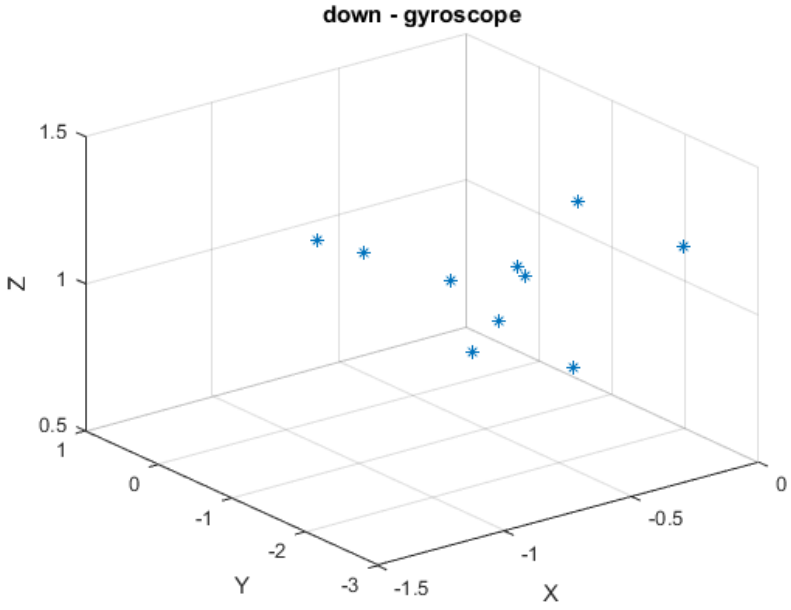

up-gyroscope
2.5
2
1.5
1
0.5
0
-0.5
Z
-1
-2
-3
-4
Y
-4
-3
-2
-1
X

Movement: DOWN

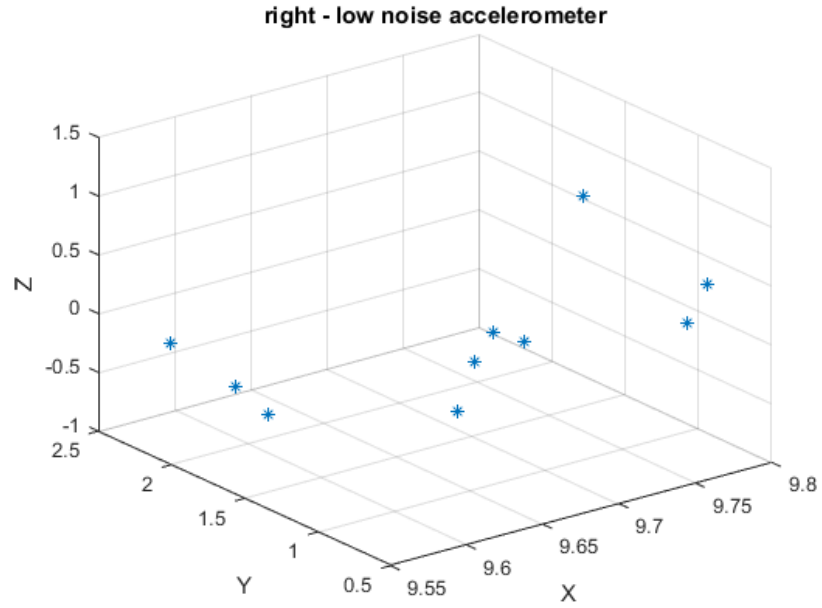


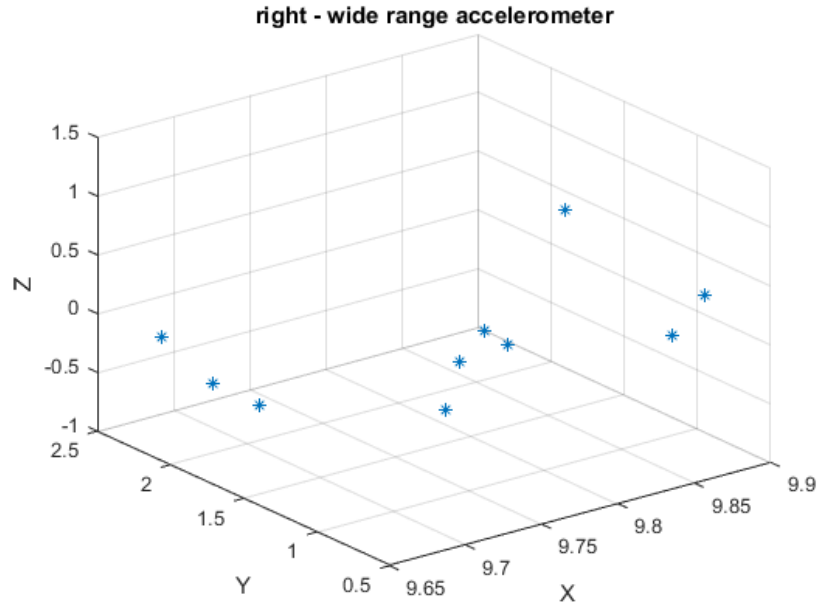


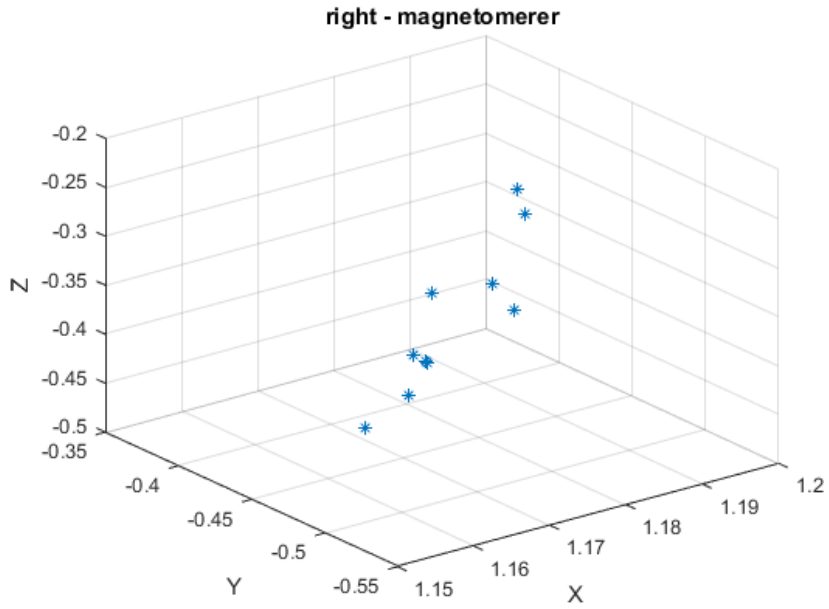


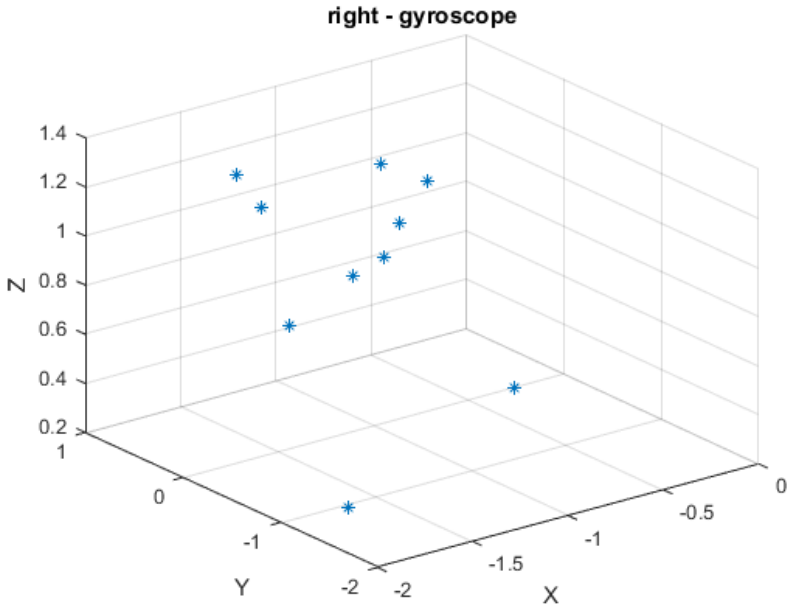


Movement: RIGHT

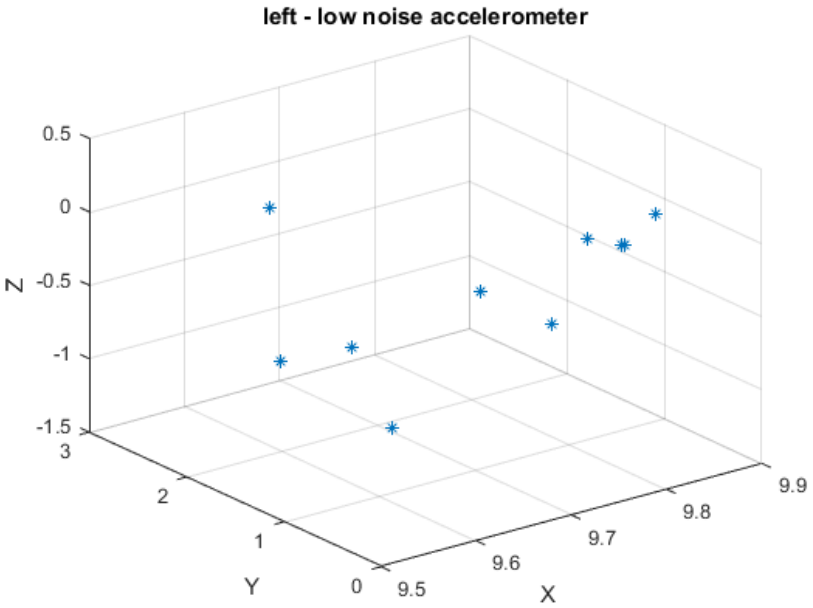


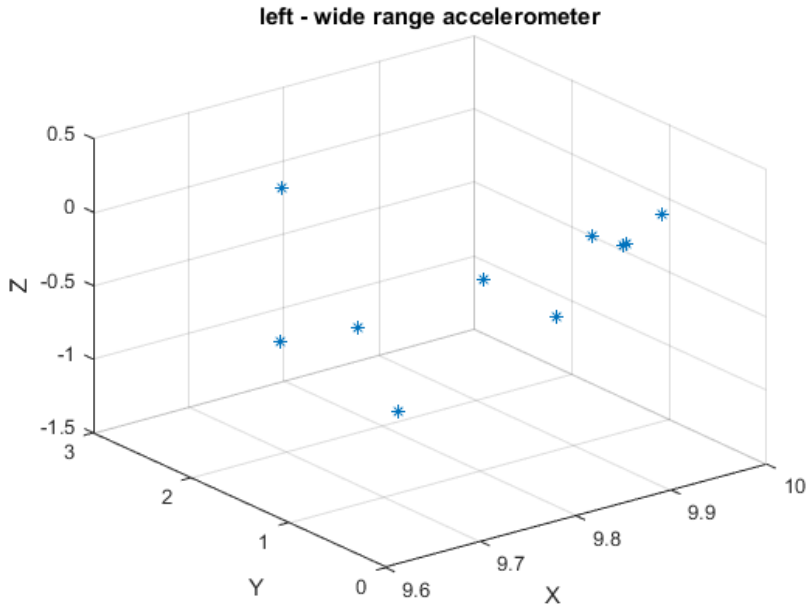


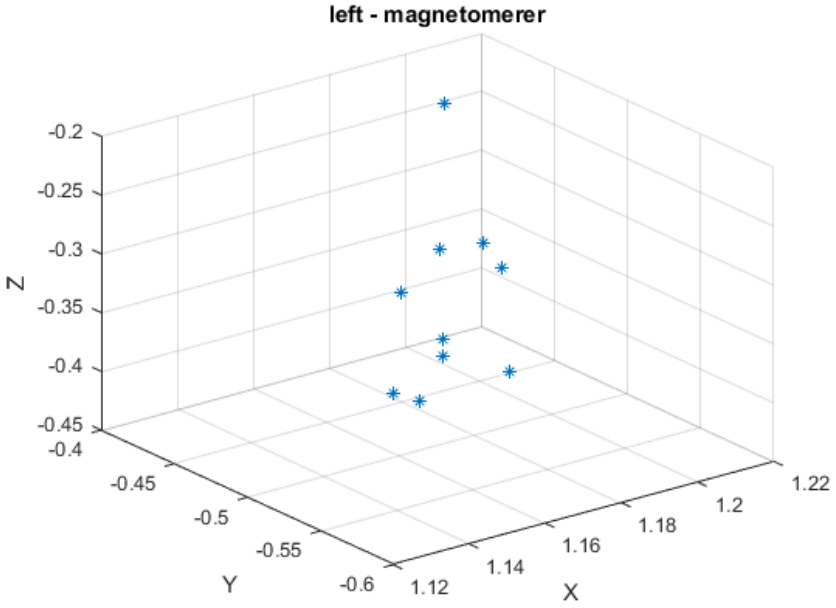


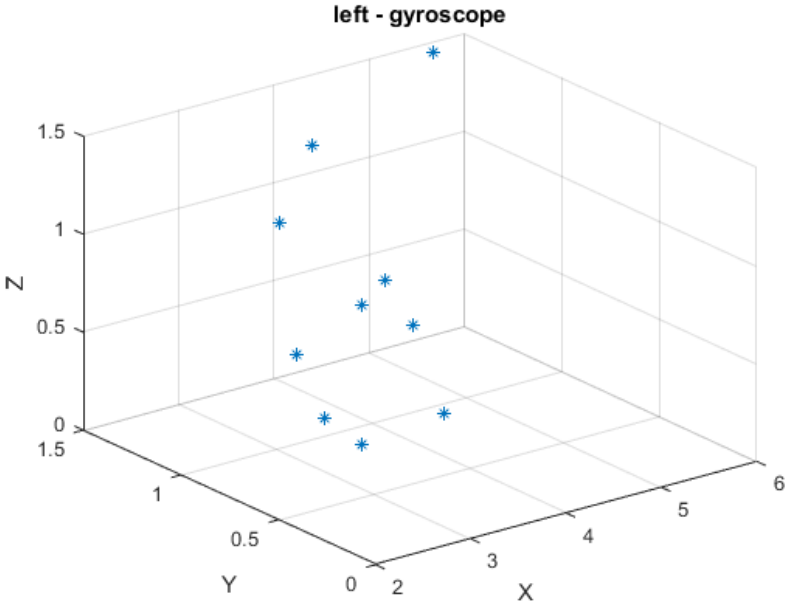


Movement: LEFT









mean-results-up

Low Noise Accelerometer			Wide Range Accelerometer			Magnetometer			Gyroscope		
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
-0.84488	10041	0.31987	-1.0433	9.5412	0.12415	0.80713	-0.10497	0.31666	-3529	2.0176	-1.3297
-1.1013	10008	-0.2634	-1.3067	9498	-0.49482	0.81689	-0.16678	0.24451	-3.0975	-0.049922	-2.6048
-0.85761	10.05	0.020211	-1.0567	9.5783	-0.19723	0.78451	-0.15472	0.21722	-2.4028	0.64255	-3.3532
-1173	10012	-0.33047	-1.3853	9.5402	-0.5573	0.77921	-0.17939	0.18316	-3035	0.84044	-2.4112
-1.3298	10008	-0.11347	-1.5468	9.5417	-0.31925	0.76246	-0.2036	0.18707	-2.5704	0.26993	-2.4042
-1.0436	9.9726	-0.7738	-1.2567	9496	-1034	0.79099	-0.17662	0.14039	-2.8242	0.57512	-3.7809
-1.0011	9.9953	-0.30281	-1.2074	9527	-0.53041	0.77742	-0.15104	0.18285	-3.1009	0.89587	-3.4001
-0.73117	10054	-0.30581	-0.93199	9595	-0.53908	0.79631	-0.12754	0.18776	-2445	0.27246	-2.6212
-1.0293	10014	-0.26003	-1.2391	9.55	-0.48931	0.78888	-0.14431	0.19129	-2.5969	0.25804	-3.4194
-1.7203	9.9233	-0.098154	-1.9425	9.4622	-0.3069	0.75154	-0.2244	0.18519	-1.5993	0.42998	-3517

mean-results-right

Low Noise Accelerometer			Wide Range Accelerometer			Magnetometer			Gyroscope		
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
9575	-0.21368	2.2679	9.6603	-0.051074	2.1706	-0.32111	1.1961	-0.39199	-0.095419	1.3999	-1.7689
9.6917	-0.77455	1.5207	9.7721	-0.61854	1.3931	-0.46206	1.1657	-0.44614	-0.027967	0.87936	-0.95759
9.7081	-0.42885	1.5711	9.7863	-0.28818	1.4414	-0.41624	1.1745	-0.44172	-0.35123	1.3588	-1.1409
9.6018	-0.57392	2.0992	9.6787	-0.40705	2.0056	-0.39812	1.1907	-0.40305	-0.26107	1.2109	-0.84873
9.7322	-0.29719	1.4837	9.8085	-0.16577	1.3494	-0.41486	1.1741	-0.44486	-0.8546	1.0791	-1.5418
9.7418	1.0839	1.1871	9.8147	1.1517	1.0209	-0.24322	1.1787	-0.48725	-0.39887	0.31335	-0.46688
9.7993	0.27078	0.93565	9.8813	0.33986	0.7527	-0.33126	1.1597	-0.51012	-1.5014	0.33147	-1.9018
9.7936	-0.091163	1.0113	9868	-0.0014901	0.83645	-0.37182	1.1591	-0.51045	-0.27817	0.77847	-1.5817
9.6118	-0.78222	1.9774	9.6965	-0.59242	1.8792	-0.37458	1.1799	-0.41805	0.21271	0.93655	-0.75723
9.7196	-0.22239	1.5706	9.8021	-0.077482	1.4412	-0.37201	1.1833	-0.45632	0.29549	1.1248	-1.4349

mean-results-left

Low Noise Accelerometer			Wide Range Accelerometer			Magnetometer			Gyroscope		
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
9.5855	-0.82222	1.8708	9.67	-0.62598	1.7673	-0.36461	1183	-0.44071	0.97214	0.72939	4.0873
9.8017	-0.058111	0.83385	9.8845	0.055461	0.65456	-0.25817	1.1634	-0.56148	1.4597	1.4749	5.5851
9.8338	0.18153	0.44078	9.9138	0.27876	0.23512	-0.28434	1.1394	-0.58362	0.77573	0.6186	2.7621
9.8214	-0.081415	0.67725	9.9022	0.025013	0.47807	-0.32609	1151	-0.55354	0.16233	0.51178	2.1887
9.6073	0.089457	2.1932	9.7044	0.26038	2.0918	-0.24126	1.2059	-0.41155	0.5484	0.76797	3.5195
9.7736	-0.61369	0.91856	9.8557	-0.47791	0.74588	-0.37835	1.1527	-0.53238	0.62259	0.36919	2.7381
9741	-0.4615	1.3387	9.8243	-0.30205	1194	-0.28148	1.1791	-0.50762	1404	1.2082	4.2115
9.6533	-1252	1.3928	9.7426	-1.0726	1.2656	-0.40426	1.1621	-0.49001	0.47108	0.33267	3674
9.6455	-0.78989	1.7226	9.7351	-0.59575	1.6062	-0.32065	1.1863	-0.45906	0.80675	0.7585	3.5024
9.8234	-0.078514	0.65387	9.8964	0.032394	0.45635	-0.33673	1.1607	-0.57325	1.1103	1.0726	3.2594

mean-results-down

Low Noise Accelerometer			Wide Range Accelerometer			Magnetometer			Gyroscope		
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
0.29788	10.12	-0.60501	0.1132	9.7239	-0.87276	0.74825	0.25313	-0.65676	-0.61945	0.55973	-0.047066
-0.22724	10142	0.091432	-0.42004	9.7248	-0.12099	0.78291	0.21032	-0.58943	-0.89723	0.96688	-0.31618
0.3909	10136	0.17046	0.21425	9.7234	-0.042075	0.77945	0.27377	-0.58755	-1.5651	1127	-0.53535
1.2792	10051	-0.55228	1.1234	9.6548	-0.81631	0.73082	0.36102	-0.63515	-1.2269	1.2314	-0.20048
0.074565	10127	0.20757	-0.10715	9.7118	-0.0060369	0.77911	0.24066	-0.5827	-1.0379	1.0425	-0.64502
0.72283	10101	0.41549	0.55382	9.6965	0.20605	0.76893	0.31868	-0.5793	0.32732	1.0587	-0.7827
-0.037591	10132	-0.69952	-0.2184	9.7296	-0.96395	0.77437	0.23942	-0.67202	0.37175	0.52229	-0.15478
1.0203	10042	0.68812	0.86016	9.6376	0.4933	0.77844	0.35141	-0.54504	-2.0535	1.4047	-1.2812
1.6311	9.9917	0.32902	1.4825	9604	0.10287	0.7435	0.39923	-0.5745	-2.6402	1.2361	-0.19319
0.3619	10.14	-0.30194	0.17698	9.7535	-0.54157	0.75598	0.27392	-0.64176	-1.1402	0.87904	-0.48724