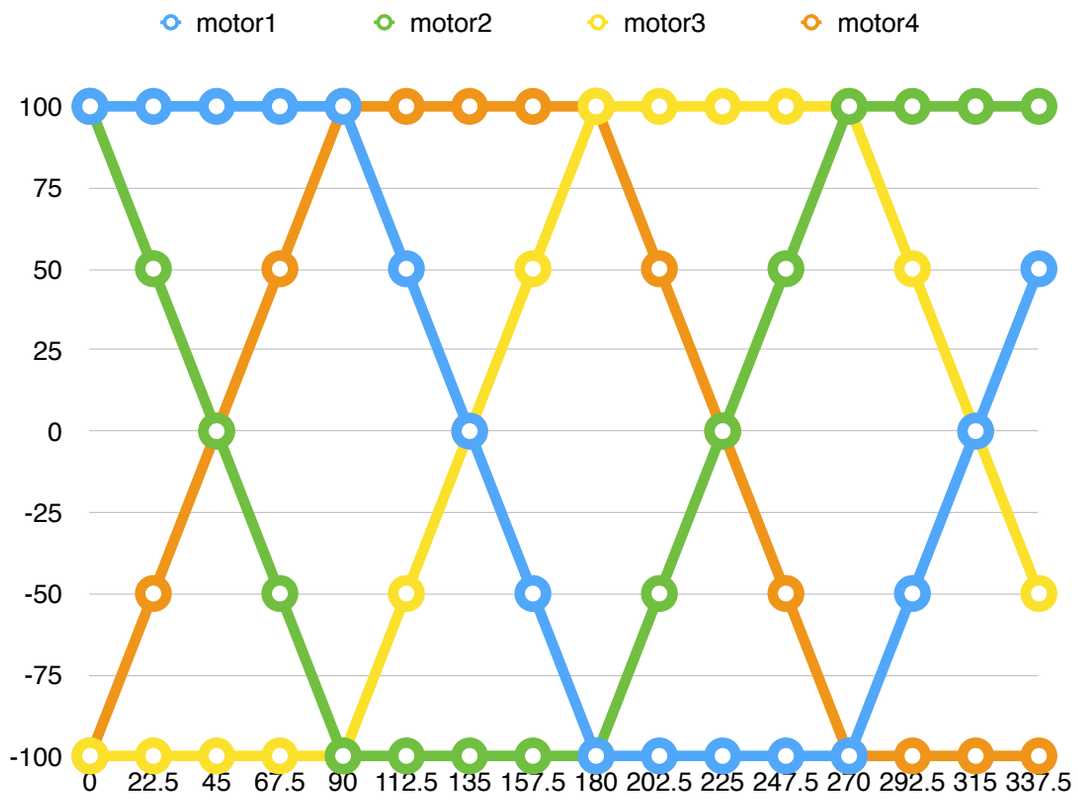
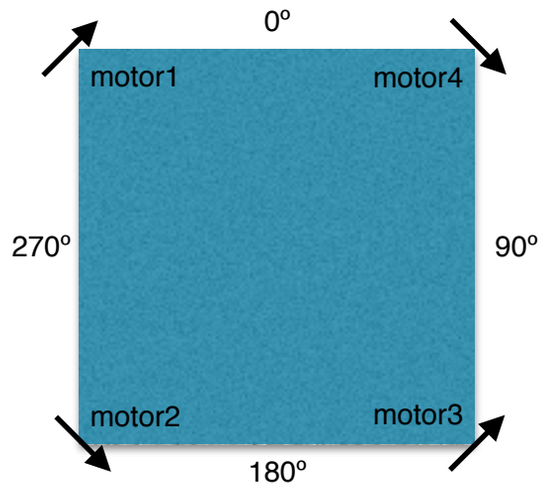
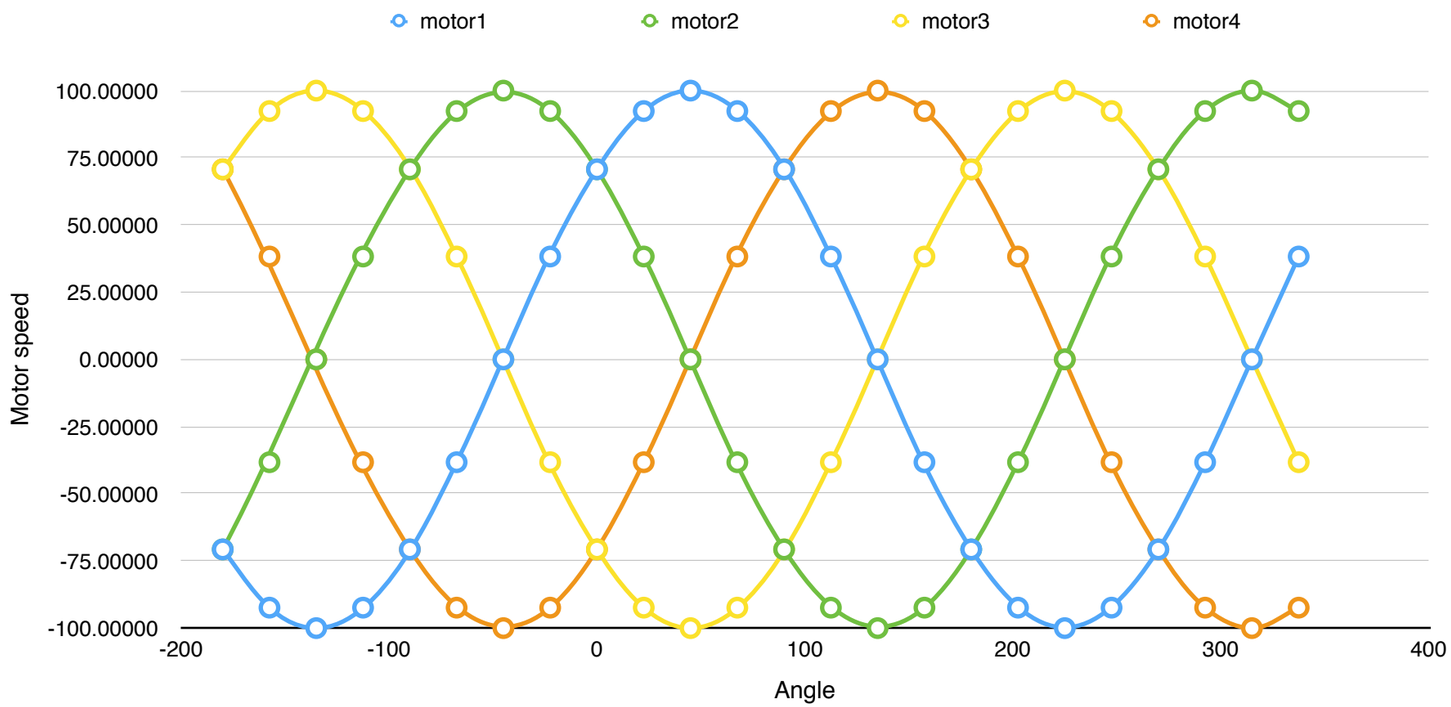
Direction	motor1	motor2	motor3	motor4
0	100	100	-100	-100
22.5	100	50	-100	-50
45	100	0	-100	0
67.5	100	-50	-100	50
90	100	-100	-100	100
112.5	50	-100	-50	100
135	0	-100	0	100
157.5	-50	-100	50	100
180	-100	-100	100	100
202.5	-100	-50	100	50
225	-100	0	100	0
247.5	-100	50	100	-50
270	-100	100	100	-100
292.5	-50	100	50	-100
315	0	100	0	-100
337.5	50	100	-50	-100

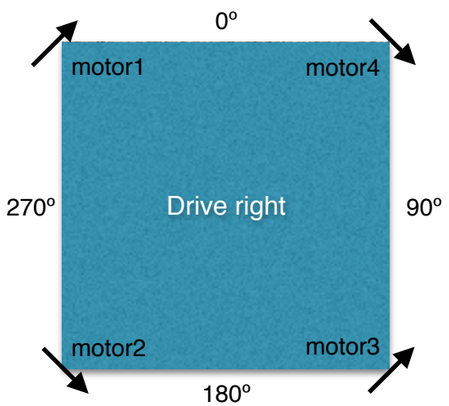


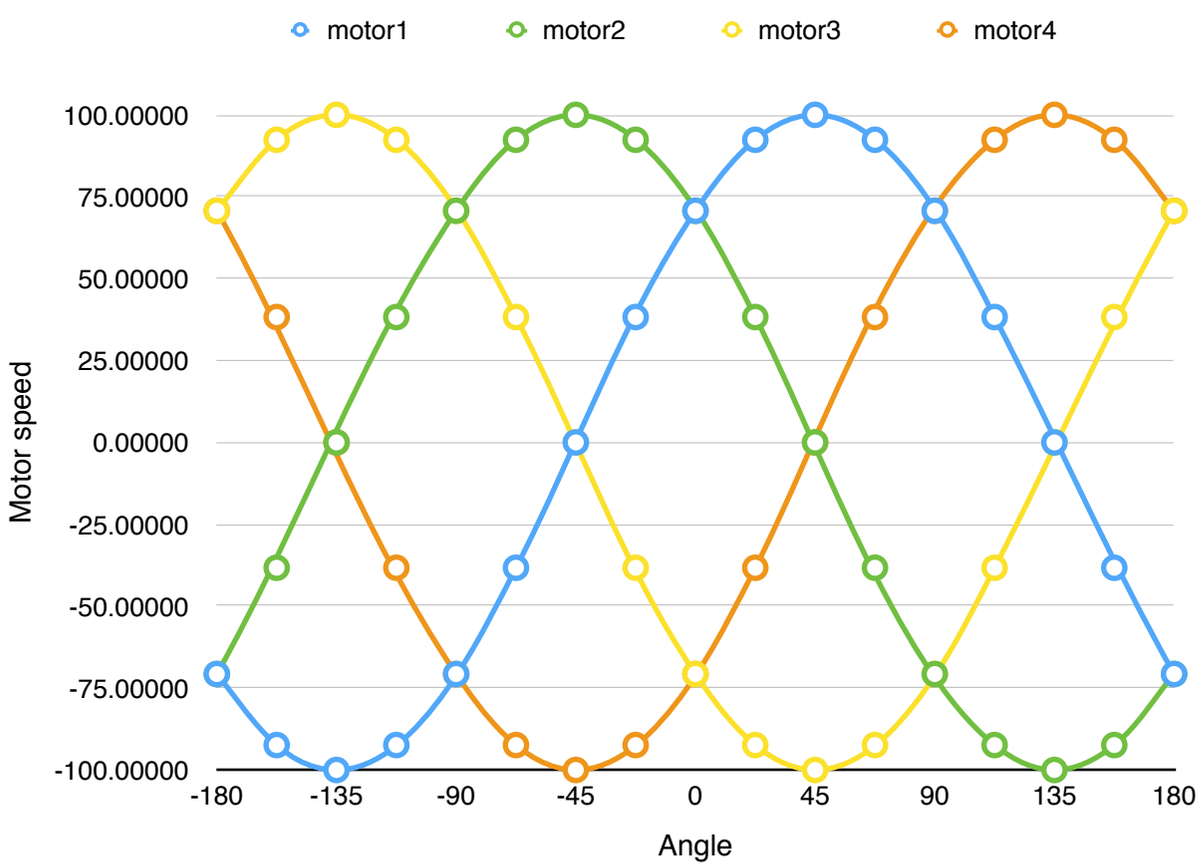
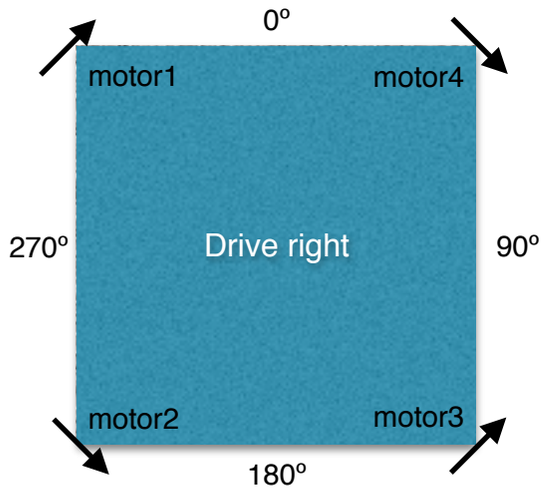


Direction	motor1	motor2	motor3	motor4
-180	-70.71068	-70.71068	70.71068	70.71068
-157.5	-92.38795	-38.26834	92.38795	38.26834
-135	-100.00000	0.00000	100.00000	0.00000
-112.5	-92.38795	38.26834	92.38795	-38.26834
-90	-70.71068	70.71068	70.71068	-70.71068
-67.5	-38.26834	92.38795	38.26834	-92.38795
-45	0.00000	100.00000	0.00000	-100.00000
-22.5	38.26834	92.38795	-38.26834	-92.38795
0	70.71068	70.71068	-70.71068	-70.71068
22.5	92.38795	38.26834	-92.38795	-38.26834
45	100.00000	0.00000	-100.00000	-0.00000
67.5	92.38795	-38.26834	-92.38795	38.26834
90	70.71068	-70.71068	-70.71068	70.71068
112.5	38.26834	-92.38795	-38.26834	92.38795
135	0.00000	-100.00000	-0.00000	100.00000
157.5	-38.26834	-92.38795	38.26834	92.38795
180	-70.71068	-70.71068	70.71068	70.71068
202.5	-92.38795	-38.26834	92.38795	38.26834
225	-100.00000	-0.00000	100.00000	0.00000
247.5	-92.38795	38.26834	92.38795	-38.26834
270	-70.71068	70.71068	70.71068	-70.71068
292.5	-38.26834	92.38795	38.26834	-92.38795
315	-0.00000	100.00000	0.00000	-100.00000
337.5	38.26834	92.38795	-38.26834	-92.38795

Magnitude
100





Direction	motor1	motor2	motor3	motor4
-180	-70.71068	-70.71068	70.71068	70.71068
-157.5	-92.38795	-38.26834	92.38795	38.26834
-135	-100.00000	0.00000	100.00000	0.00000
-112.5	-92.38795	38.26834	92.38795	-38.26834
-90	-70.71068	70.71068	70.71068	-70.71068
-67.5	-38.26834	92.38795	38.26834	-92.38795
-45	0.00000	100.00000	0.00000	-100.00000
-22.5	38.26834	92.38795	-38.26834	-92.38795
0	70.71068	70.71068	-70.71068	-70.71068
22.5	92.38795	38.26834	-92.38795	-38.26834
45	100.00000	0.00000	-100.00000	-0.00000
67.5	92.38795	-38.26834	-92.38795	38.26834
90	70.71068	-70.71068	-70.71068	70.71068
112.5	38.26834	-92.38795	-38.26834	92.38795
135	0.00000	-100.00000	-0.00000	100.00000
157.5	-38.26834	-92.38795	38.26834	92.38795
180	-70.71068	-70.71068	70.71068	70.71068

Magnitude
100