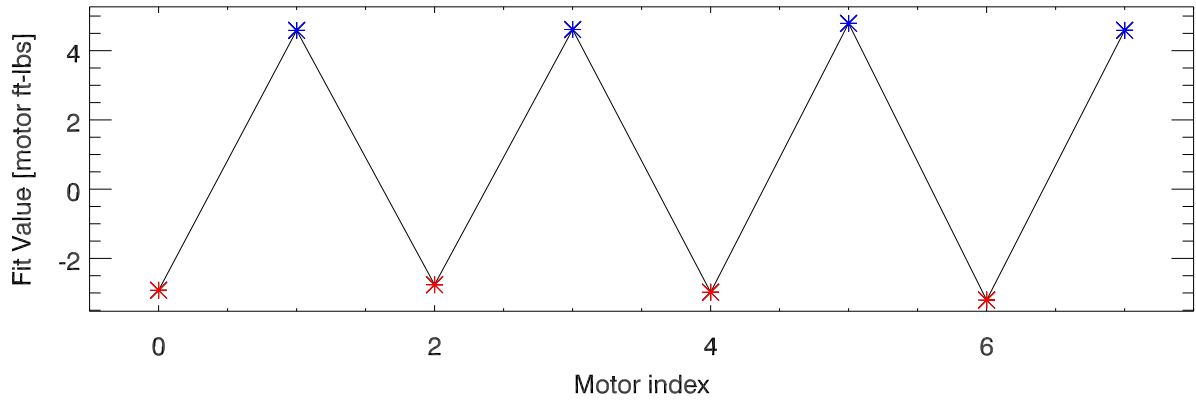
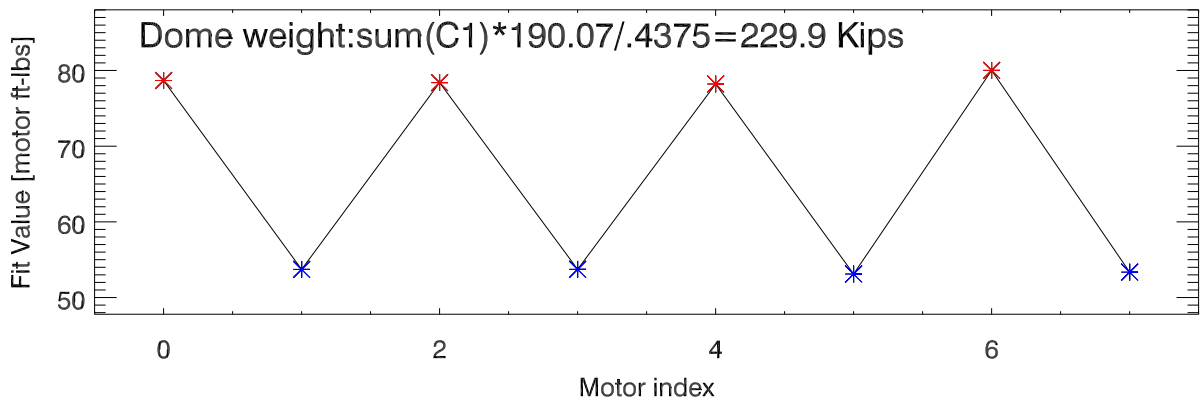


x0:m11
 x1:m12
 x2:m21
 x3:m22
 x4:m31
 x5:m32
 x6:m41
 x7:m42

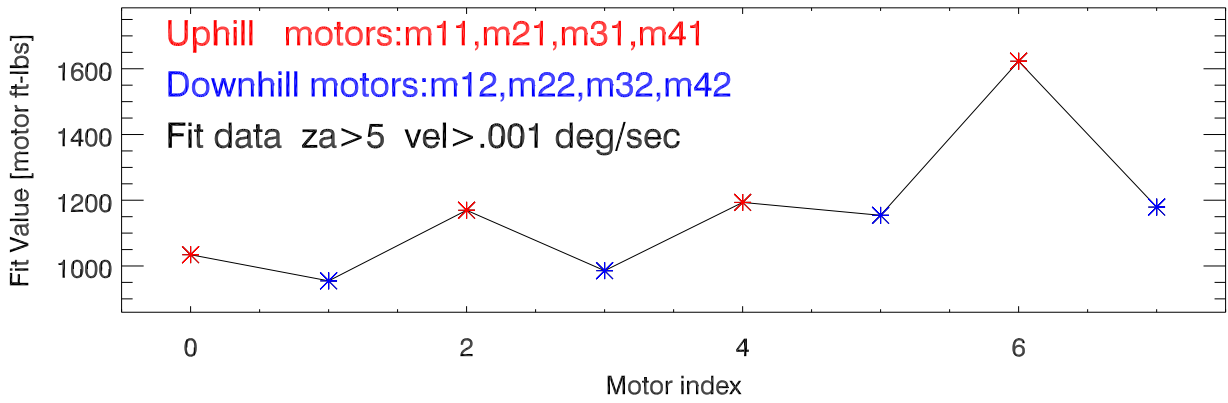
may12:GrTorques. Fit:C0 + C1*sinza + C2*vel * C3*accel. (c0:Constant)



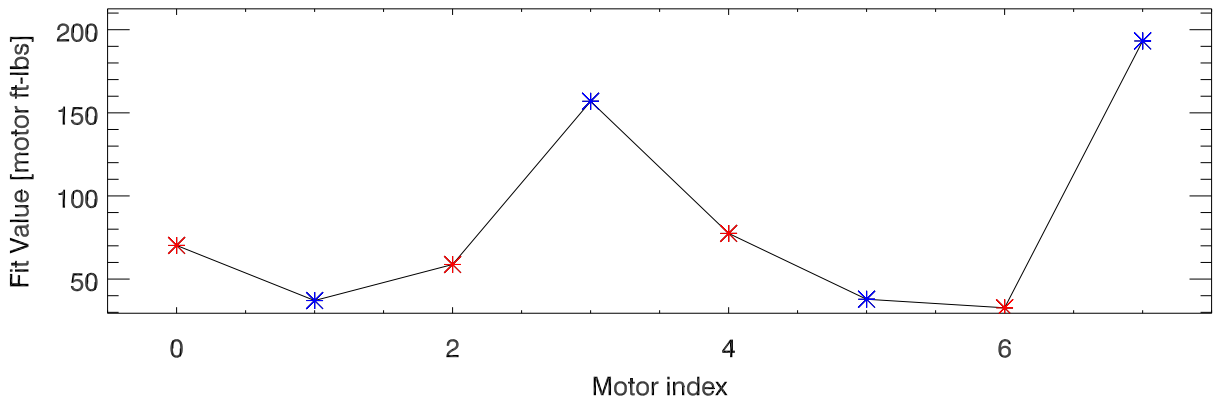
(c1*sinza:Gravity)

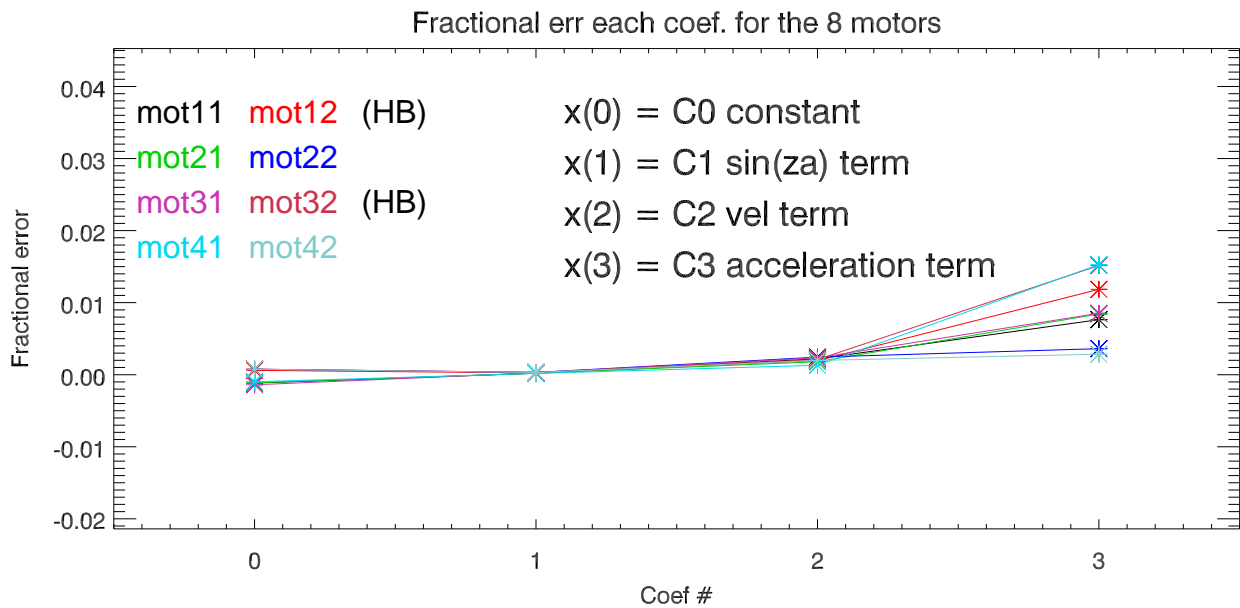
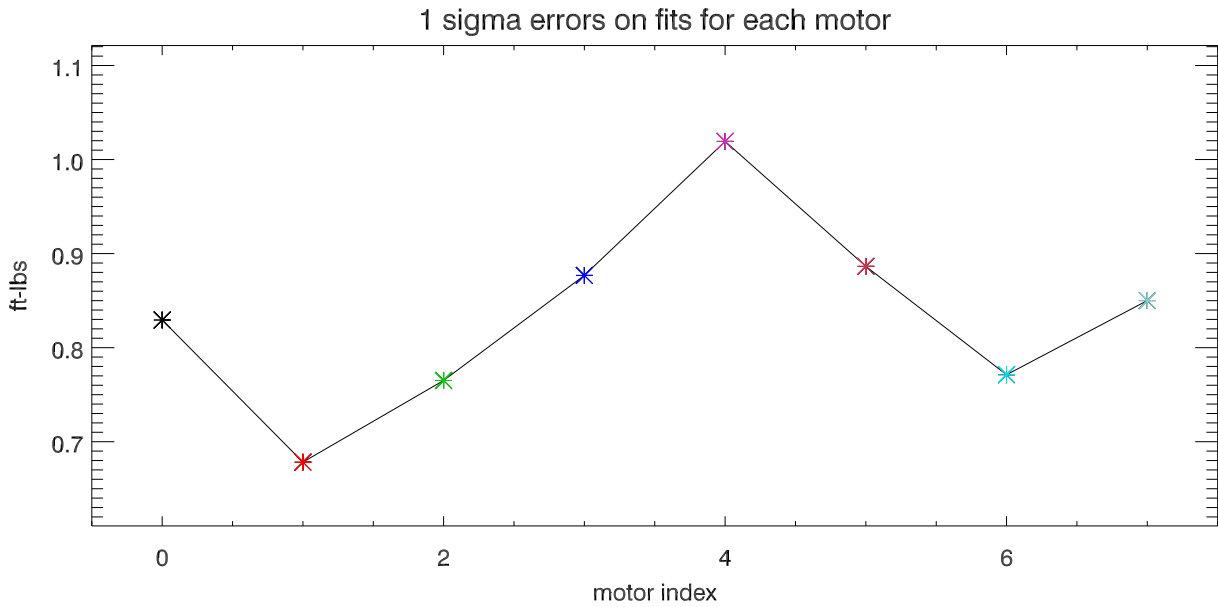


(c2*vel (deg/sec):Friction)



(c3*accel(deg/sec ^ 2):Acceleration)





Fit = $C0 + C1 \cdot \sin(za) + C2 \cdot \text{vel}(\text{deg}/\text{sec}) + C3 \cdot \text{accel}(\text{deg}/\text{sec}^2)$
 MaxVel = (.0147 deg/sec) maxAccel = (.025 deg/sec²)

Fit values (ft-lbs) for each motor

motor	C0	C1	C2	C3
m11	-2.92	78.67	1034.17	70.22
m12	4.58	53.72	954.71	37.07
m21	-2.76	78.39	1169.40	58.78
m22	4.61	53.73	985.83	156.93
m31	-2.98	78.22	1193.51	77.45
m32	4.79	53.10	1154.01	37.87
m41	-3.21	80.01	1623.02	32.70
m42	4.59	53.36	1179.14	193.22