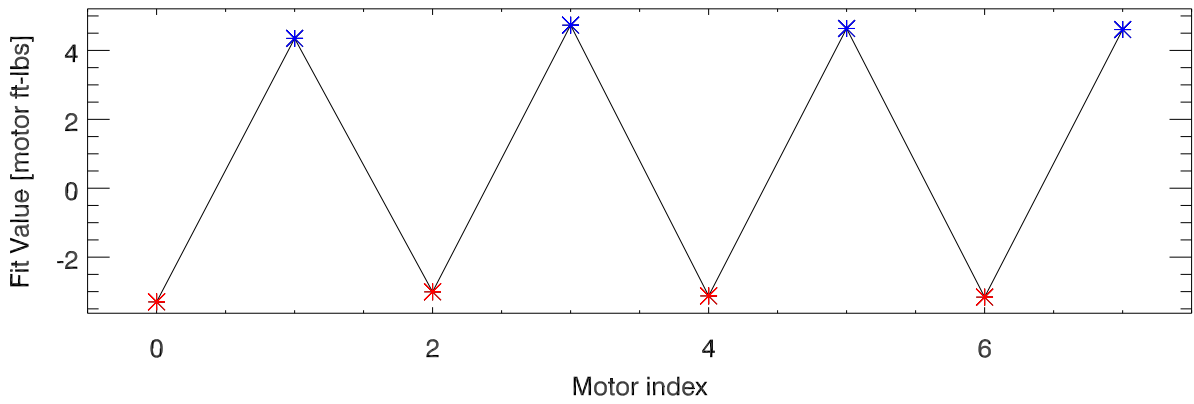
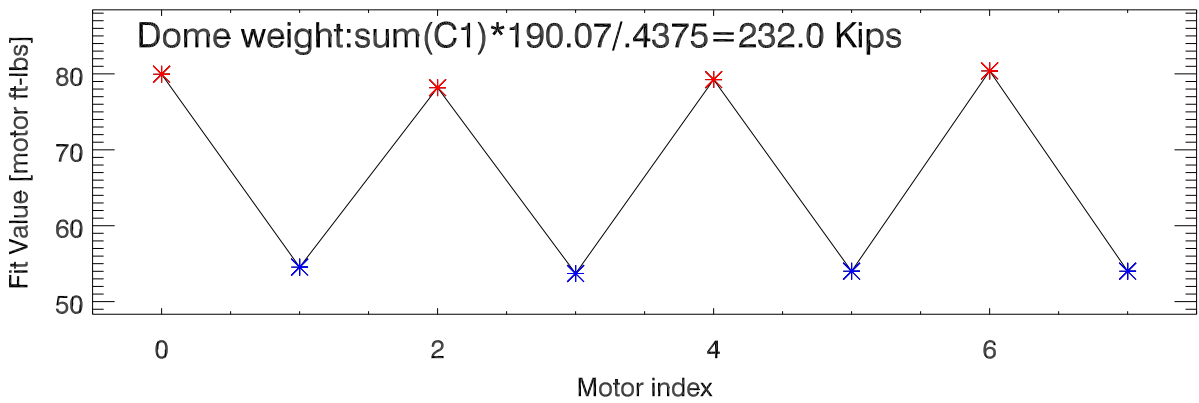


- x0:m11
- x1:m12
- x2:m21
- x3:m22
- x4:m31
- x5:m32
- x6:m41
- x7:m42

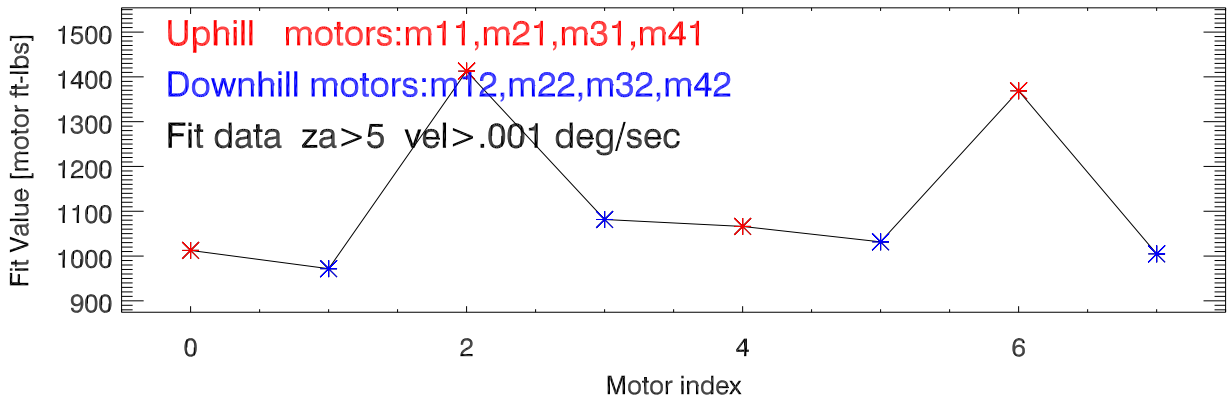
nov12:GrTorques. Fit:C0 + C1*sinza + C2*vel * C3*accel. (c0:Constant)



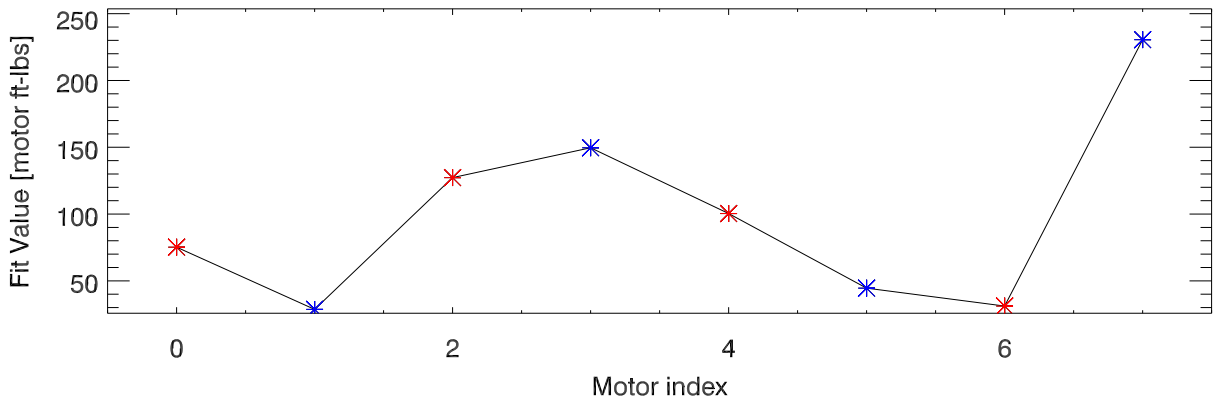
(c1*sinza:Gravity)

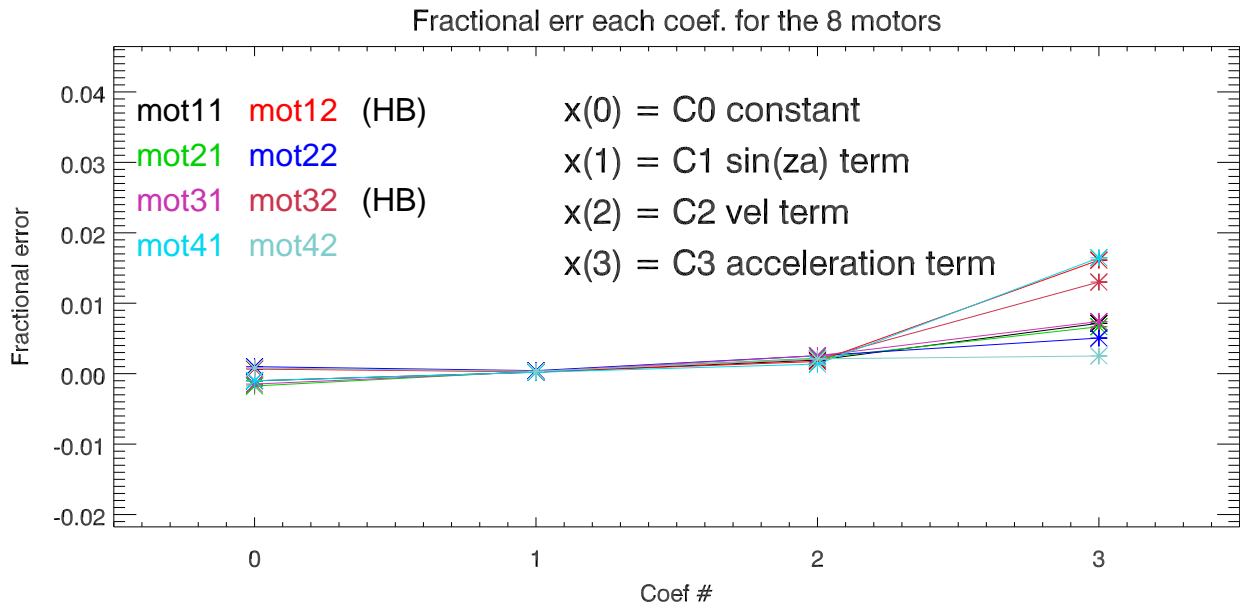
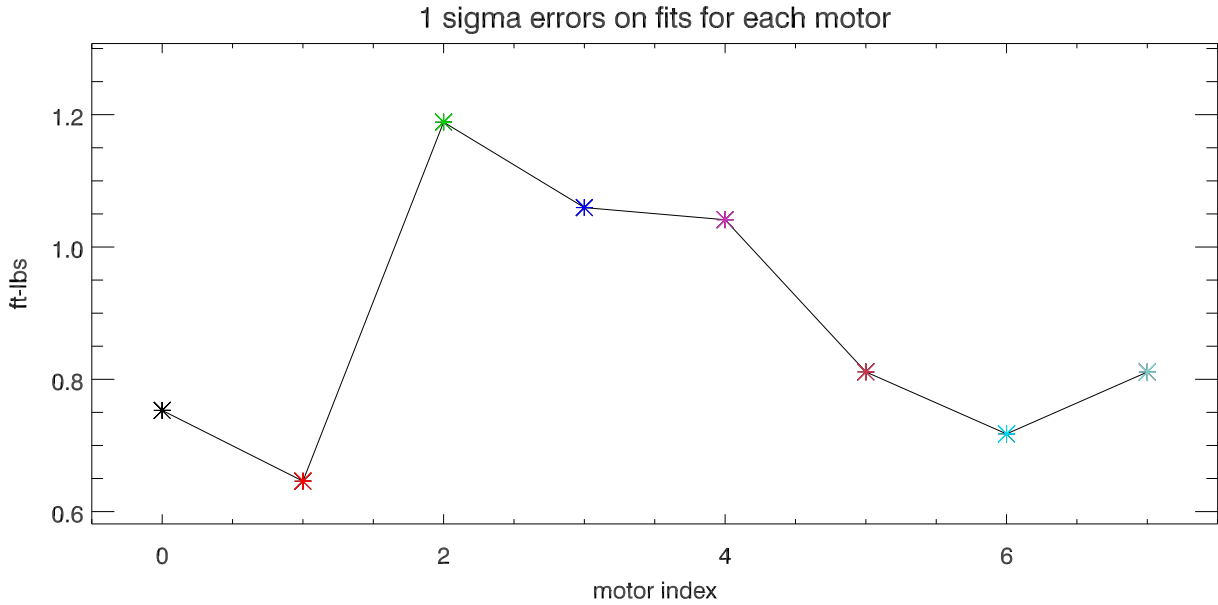


(c2*vel (deg/sec):Friction)



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





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

Fit values (ft-lbs) for each motor

motor	C0	C1	C2	C3
m11	-3.30	79.96	1012.52	75.21
m12	4.35	54.55	971.68	28.62
m21	-3.01	78.18	1412.79	127.27
m22	4.73	53.71	1081.61	149.60
m31	-3.12	79.25	1066.09	100.39
m32	4.64	54.00	1031.67	44.52
m41	-3.16	80.39	1368.88	31.16
m42	4.61	54.00	1004.82	230.55