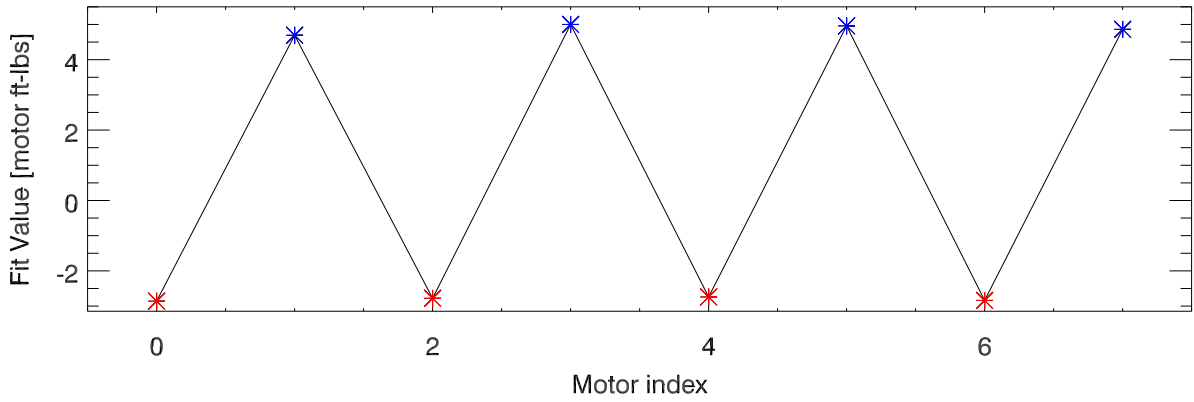
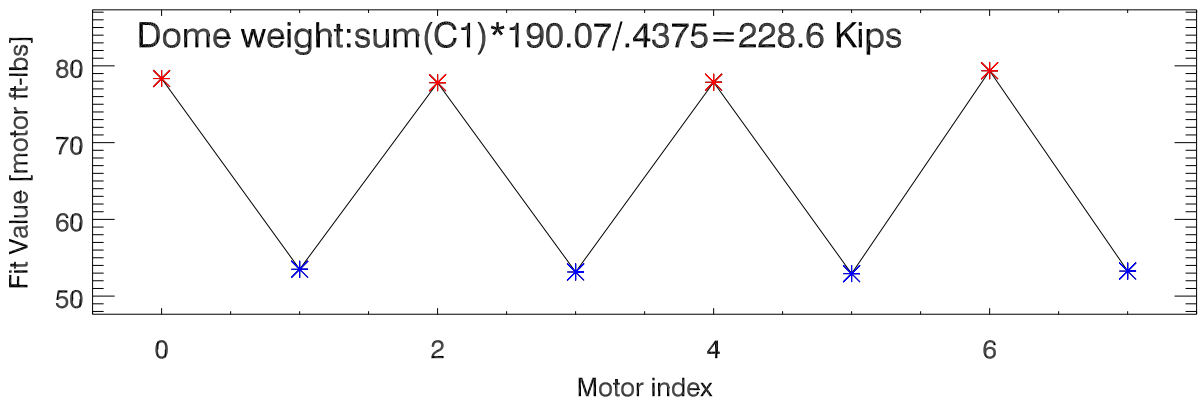


x0:m11
 x1:m12
 x2:m21
 x3:m22
 x4:m31
 x5:m32
 x6:m41
 x7:m42

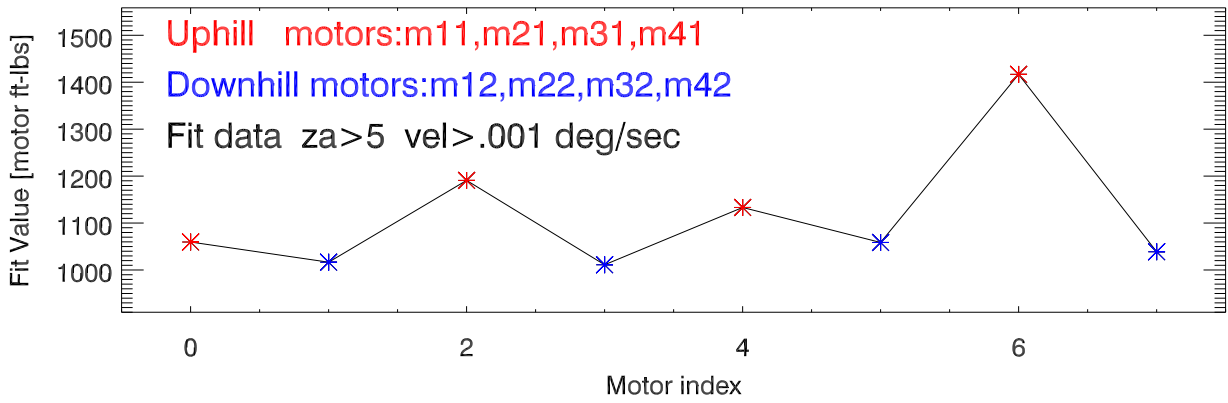
jan13:GrTorques. Fit:C0 + C1*sinza + C2*vel * C3*accel. (c0:Constant)



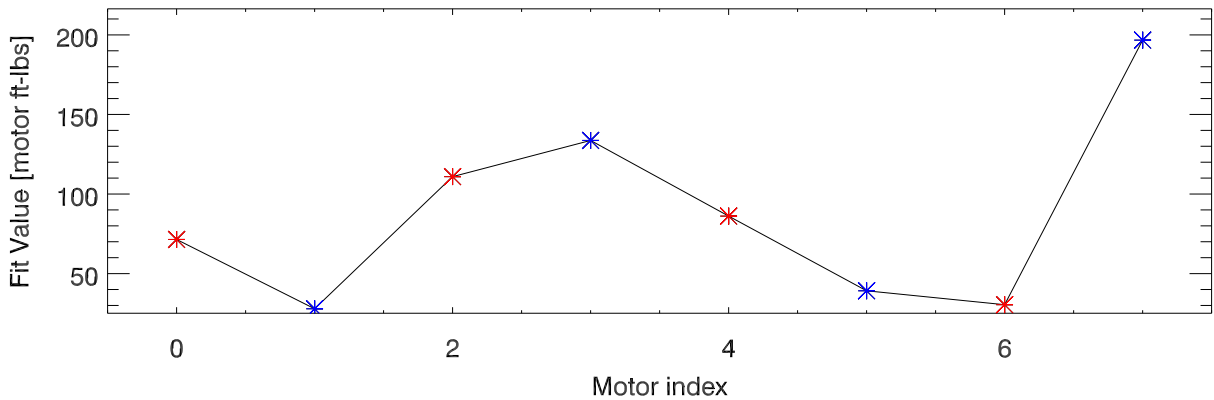
(c1*sinza:Gravity)

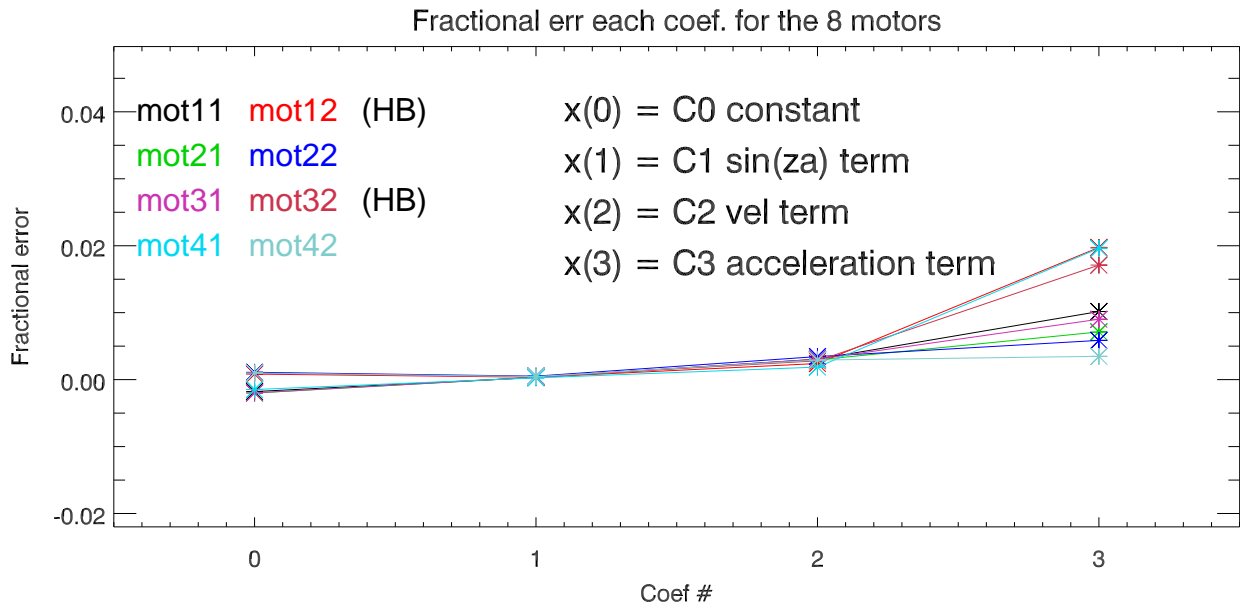
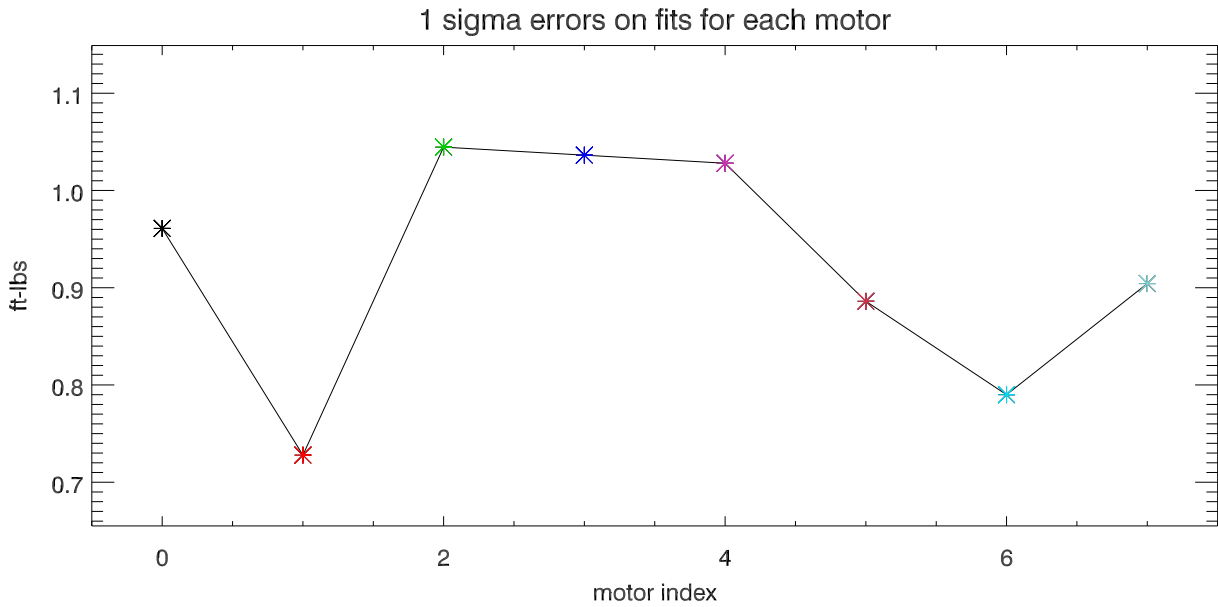


(c2*vel (deg/sec):Friction)



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





Fit = $C_0 + C_1 \sin(za) + C_2 \cdot \text{vel}(\text{deg}/\text{sec}) + C_3 \cdot \text{accel}(\text{deg}/\text{sec}^2)$
 MaxVel = (.0147 deg/sec) maxAccel = (.025 deg/sec²)

Fit values (ft-lbs) for each motor

motor	C0	C1	C2	C3
m11	-2.86	78.35	1059.71	71.43
m12	4.69	53.50	1016.59	27.87
m21	-2.78	77.81	1190.90	110.91
m22	5.00	53.15	1011.17	133.66
m31	-2.74	77.87	1133.19	86.11
m32	4.96	52.93	1058.69	39.18
m41	-2.84	79.36	1416.73	30.44
m42	4.86	53.26	1038.94	196.70