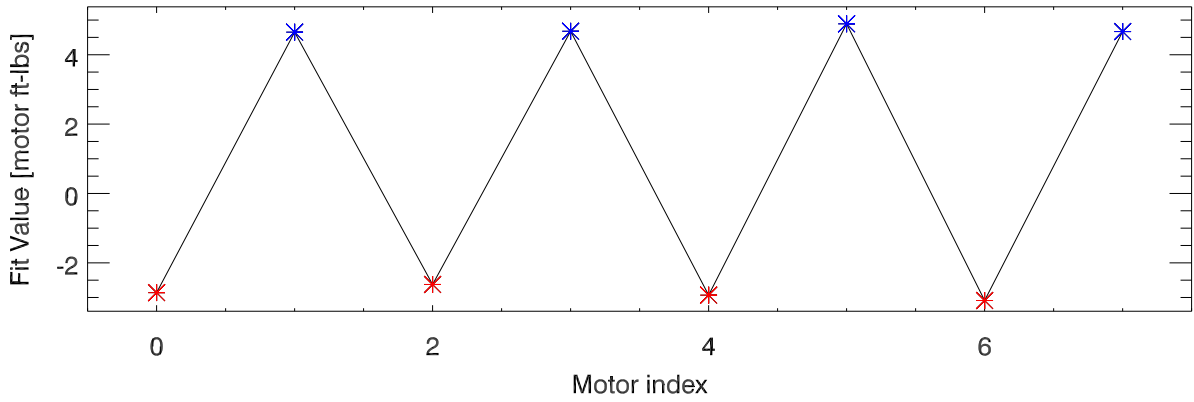
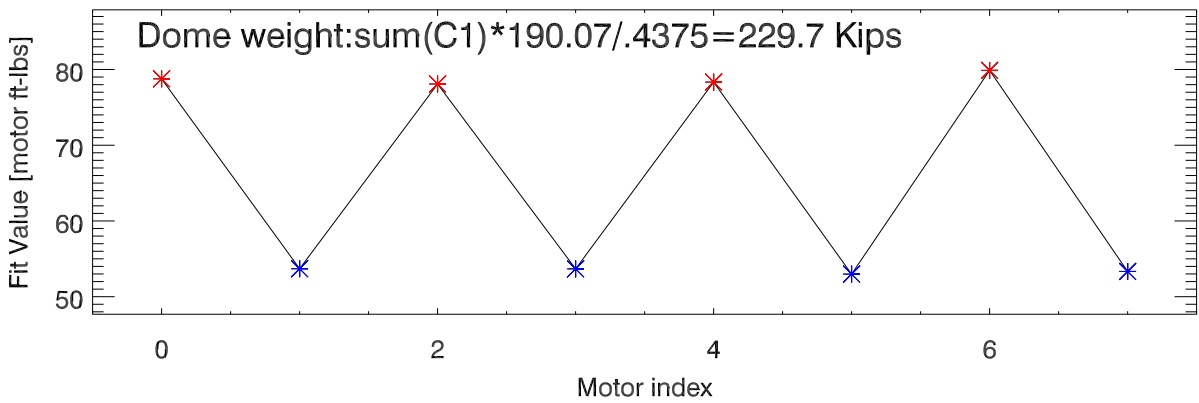


x0:m11
 x1:m12
 x2:m21
 x3:m22
 x4:m31
 x5:m32
 x6:m41
 x7:m42

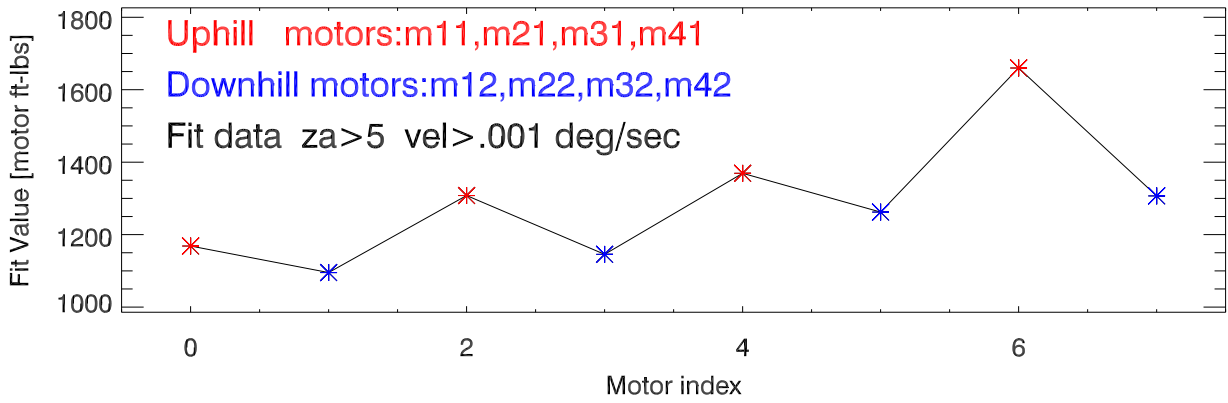
jun12:GrTorques. Fit:C0 + C1*sinza + C2*vel * C3*accel. (c0:Constant)



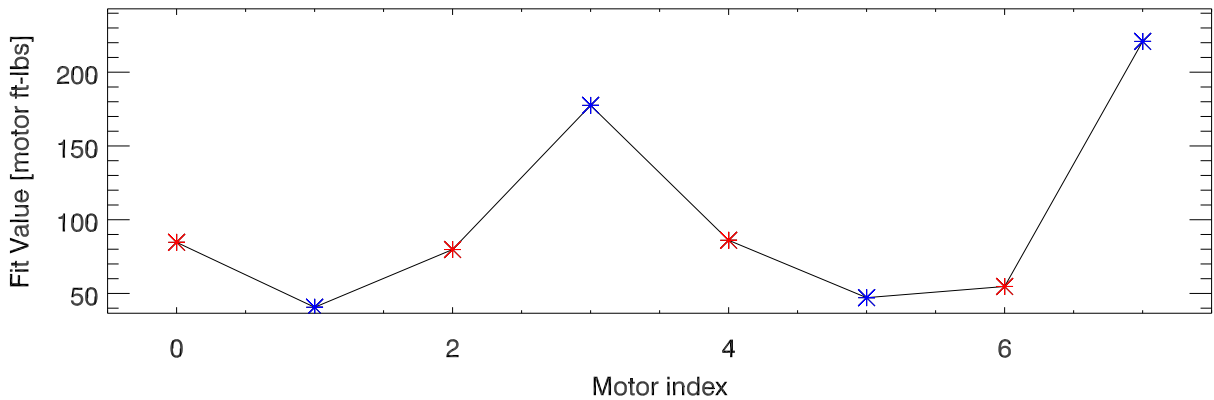
(c1*sinza:Gravity)

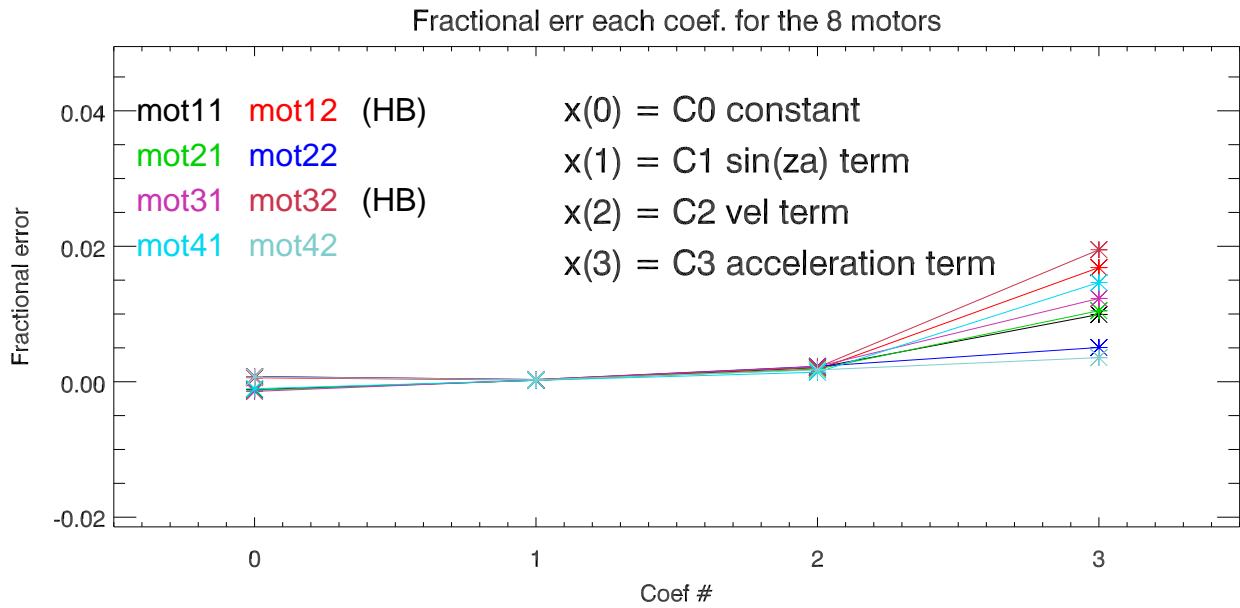
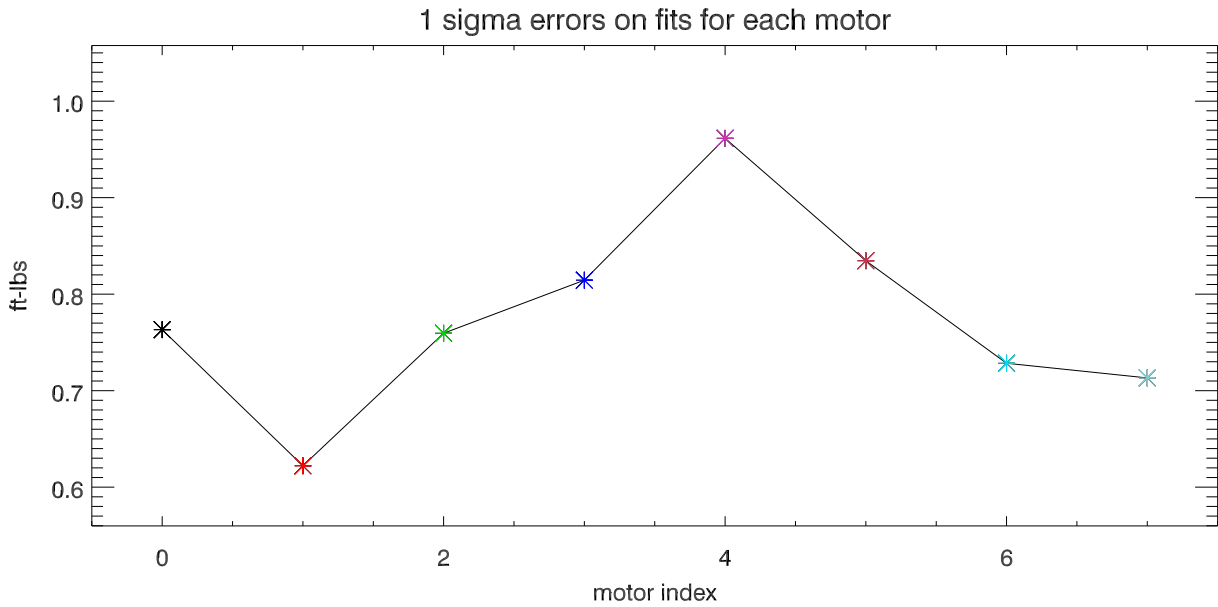


(c2*vel (deg/sec):Friction)



(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	-2.86	78.76	1168.65	84.65
m12	4.65	53.70	1095.34	40.65
m21	-2.62	78.09	1307.93	79.77
m22	4.68	53.68	1145.73	177.52
m31	-2.93	78.33	1369.23	86.05
m32	4.89	52.98	1262.19	47.15
m41	-3.09	79.88	1659.93	54.73
m42	4.67	53.34	1306.95	220.87