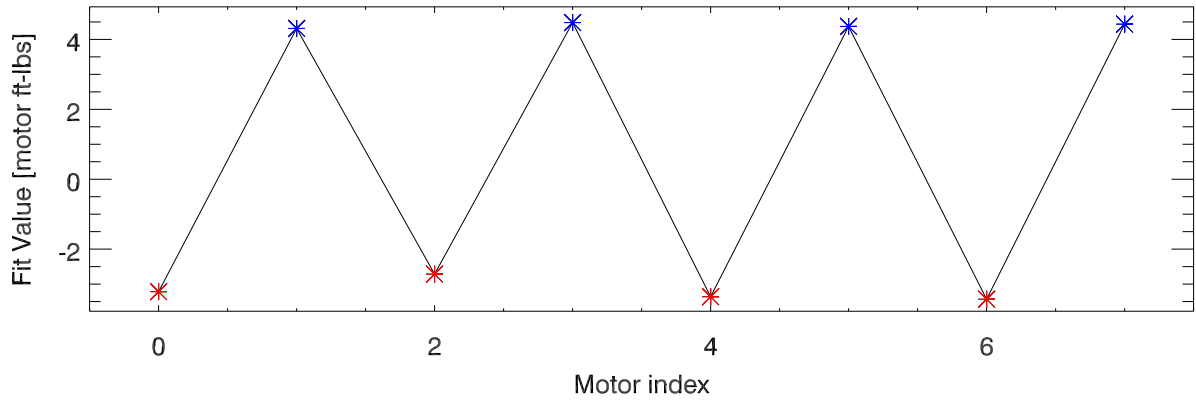
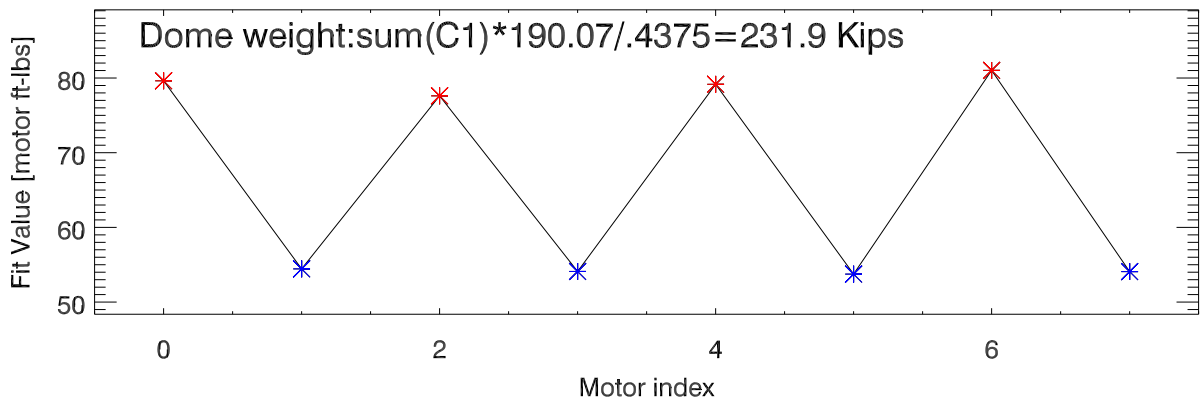


x0:m11
 x1:m12
 x2:m21
 x3:m22
 x4:m31
 x5:m32
 x6:m41
 x7:m42

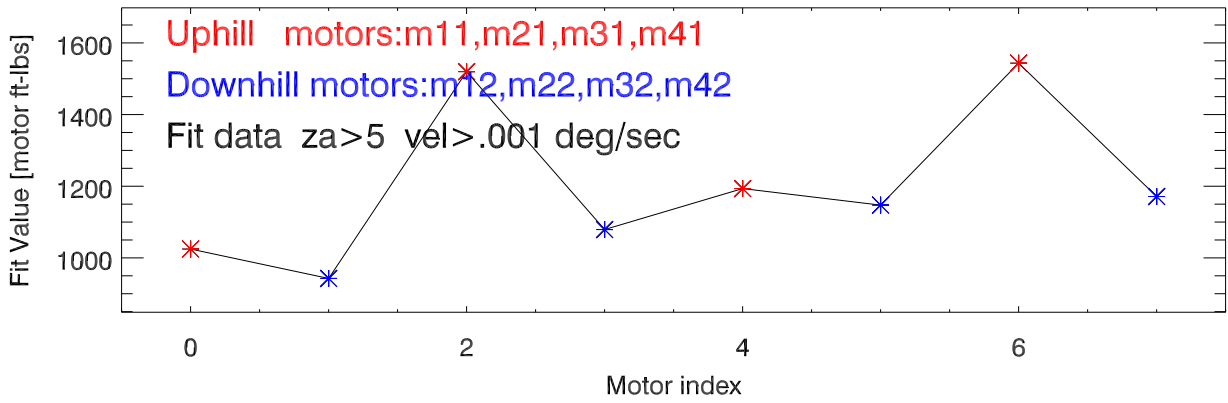
jan12:GrTorques. Fit:C0 + C1*sinza + C2*vel * C3*accel. (c0:Constant)



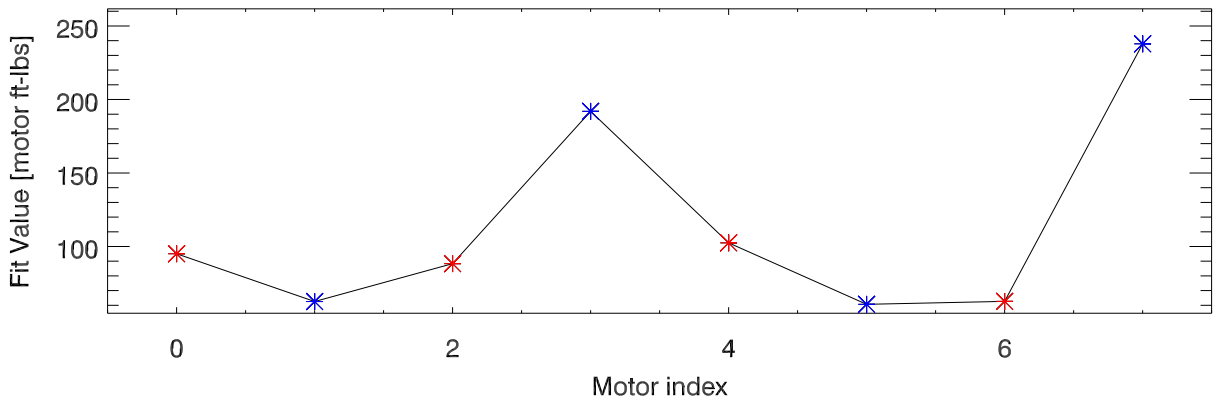
(c1*sinza:Gravity)

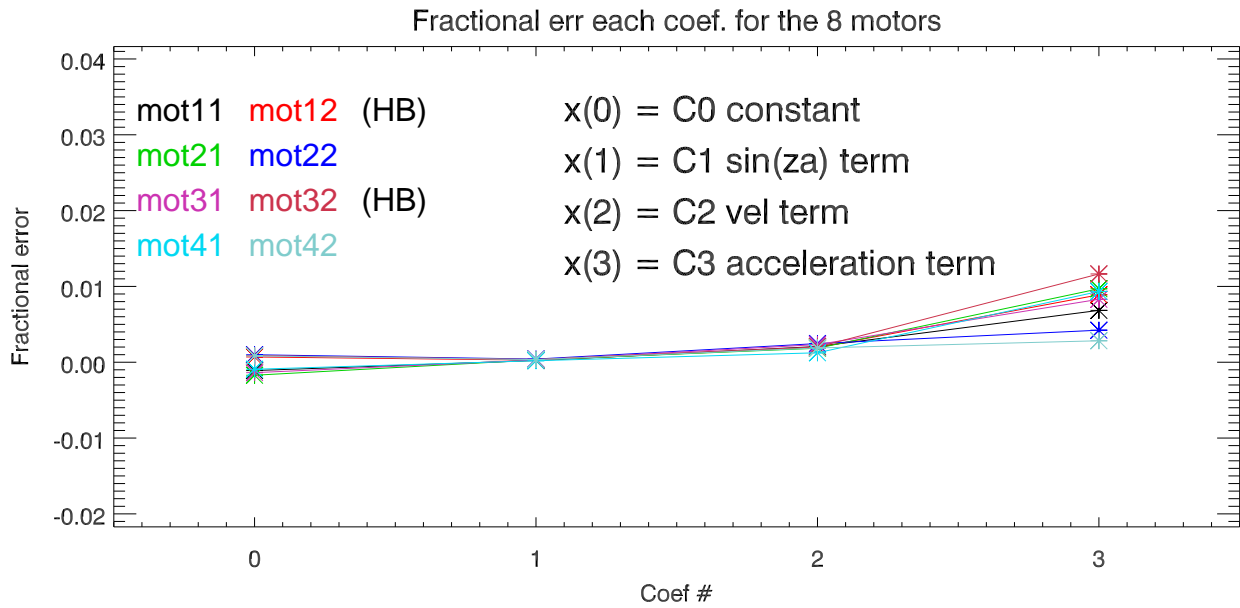
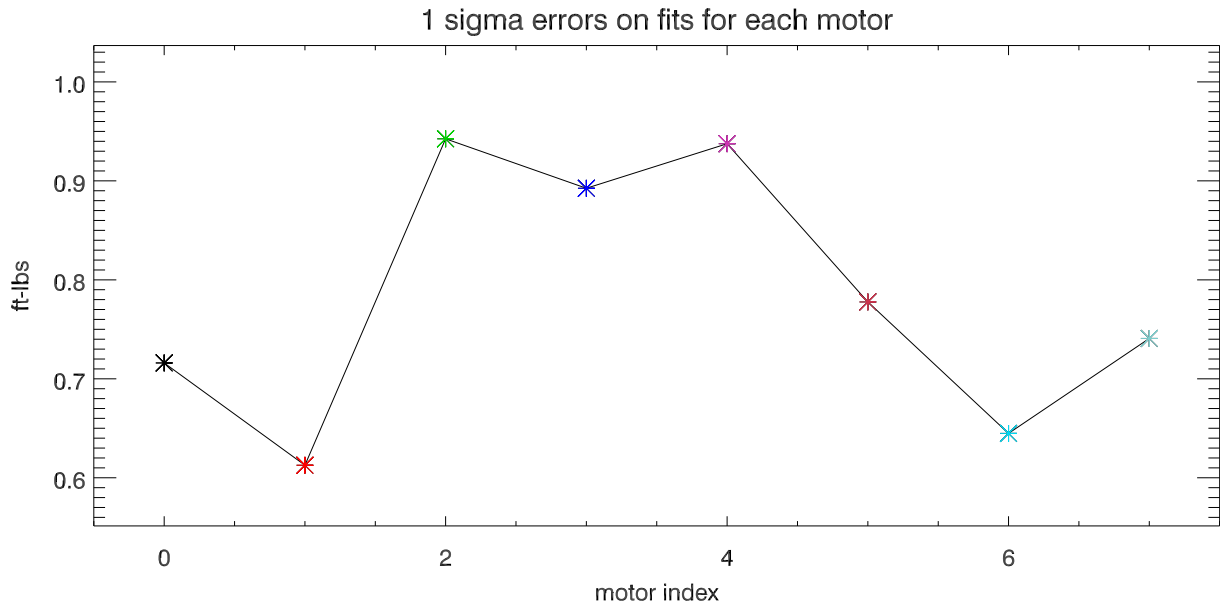


(c2*vel (deg/sec):Friction)



(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	-3.22	79.62	1024.75	95.04
m12	4.31	54.45	942.53	62.59
m21	-2.71	77.61	1519.82	88.33
m22	4.48	54.10	1078.99	191.93
m31	-3.36	79.16	1193.33	102.45
m32	4.37	53.75	1147.18	60.65
m41	-3.43	81.02	1543.41	62.68
m42	4.44	54.08	1171.32	237.87