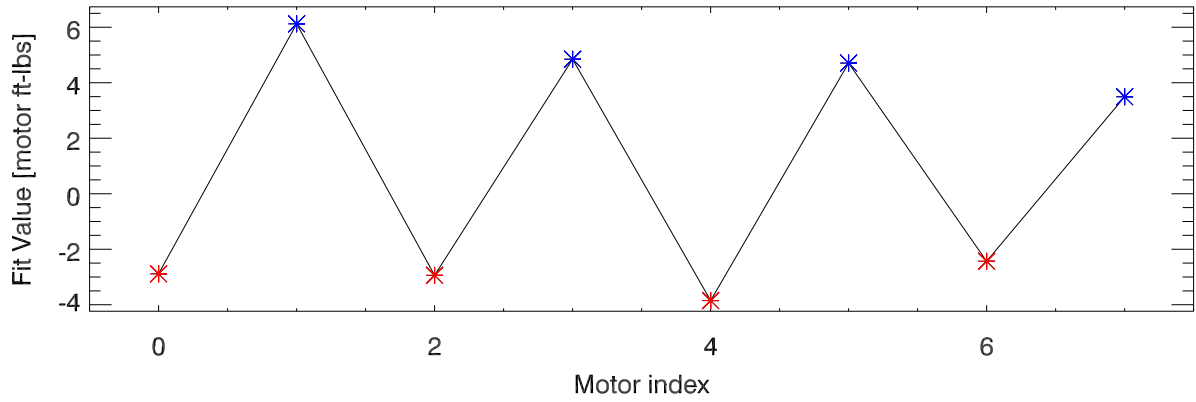
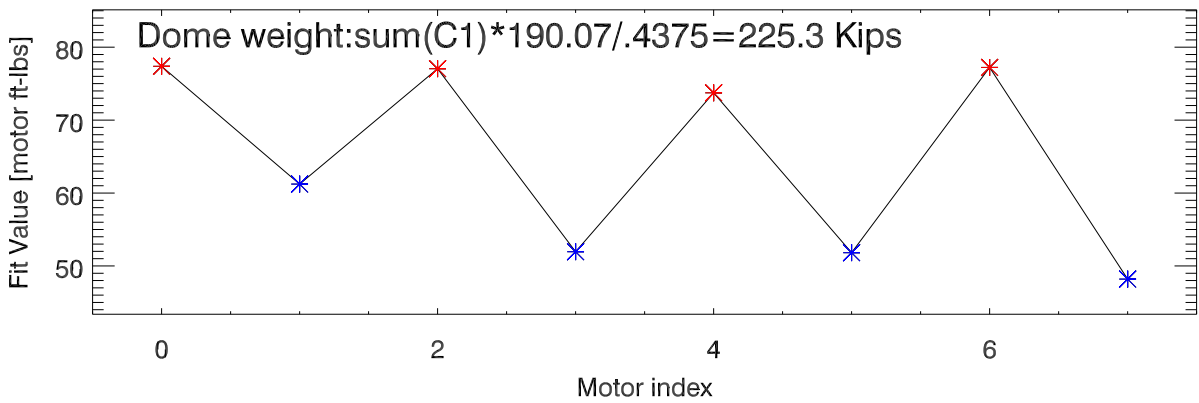


x0:m11
 x1:m12
 x2:m21
 x3:m22
 x4:m31
 x5:m32
 x6:m41
 x7:m42

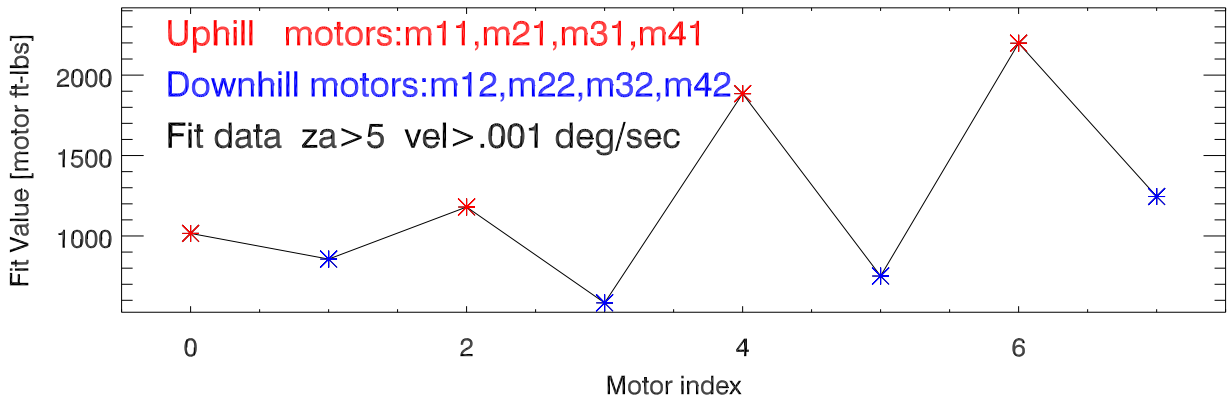
jul03:GrTorques. Fit:C0 + C1*sinza + C2*vel * C3*accel. (c0:Constant)



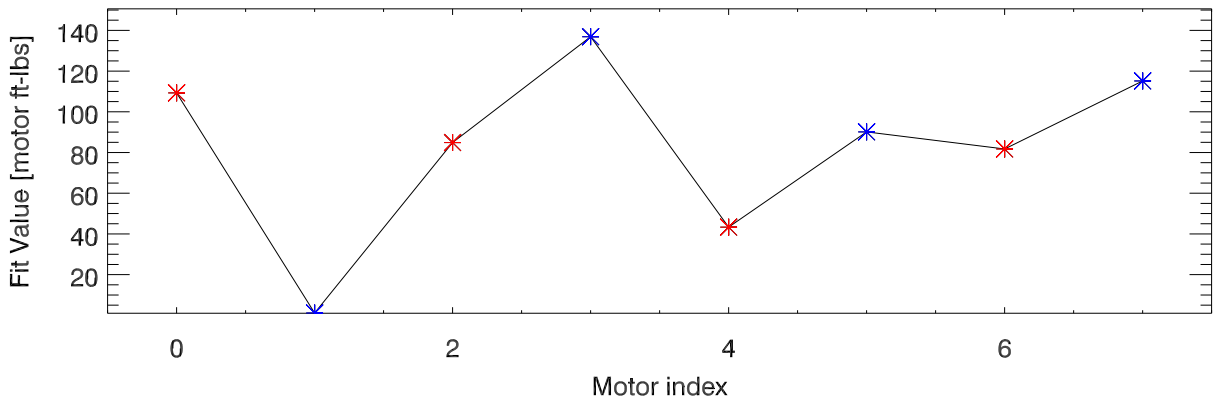
(c1*sinza:Gravity)

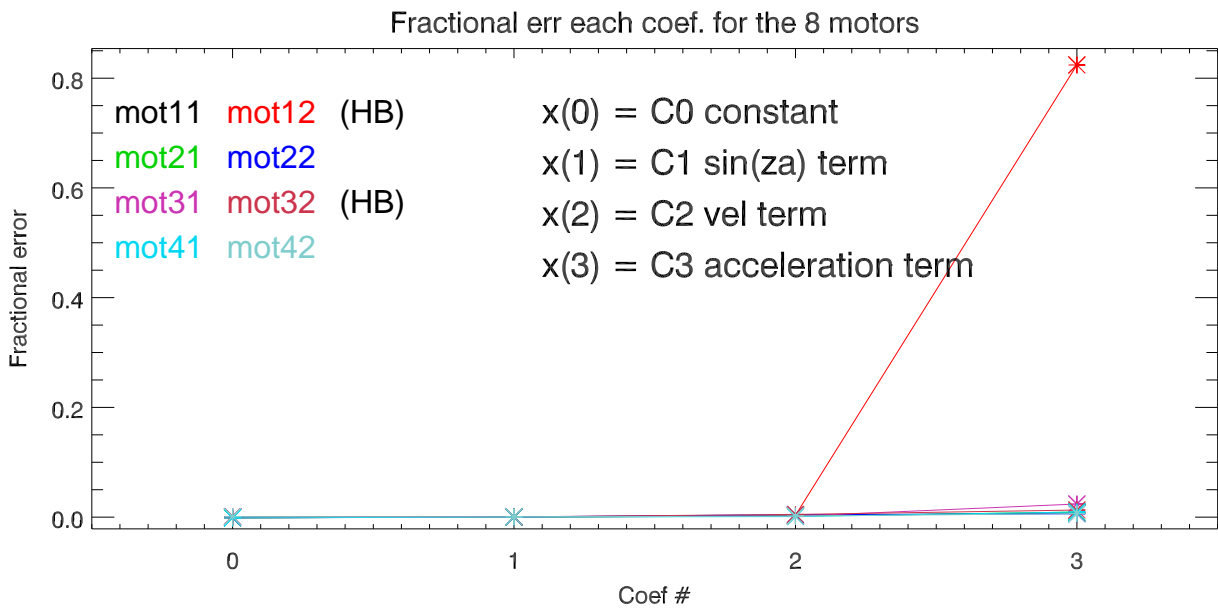
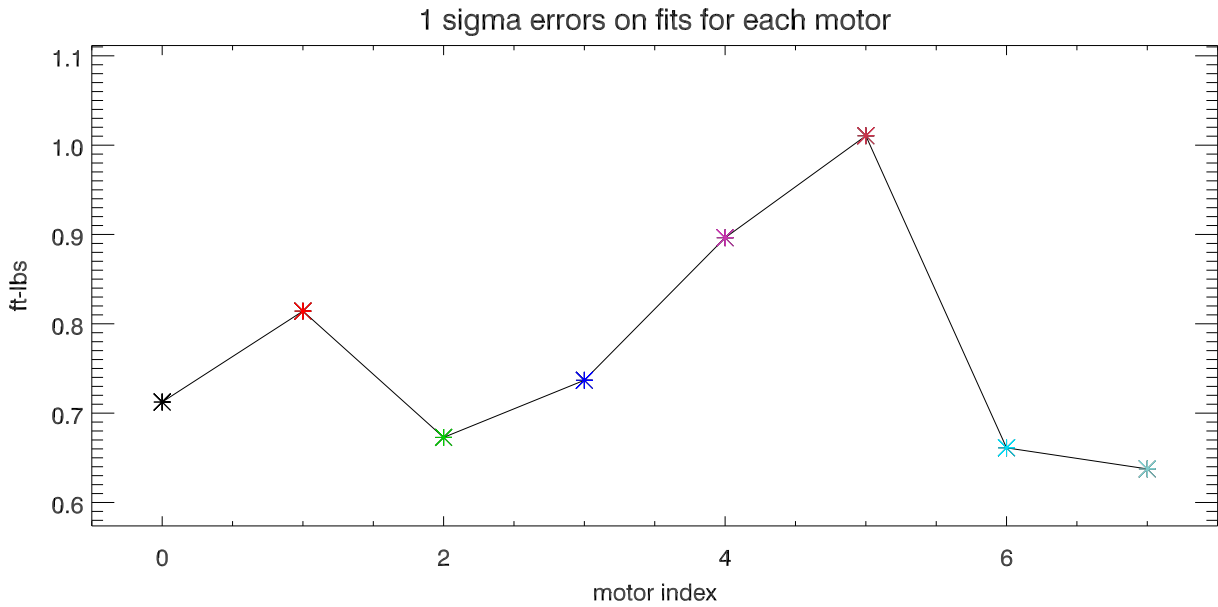


(c2*vel (deg/sec):Friction)



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





Fit=C0 + C1*sinza + C2*vel(deg/sec) + C3*accel(deg/sec ^ 2)
 MaxVel=(.0147deg/sec) maxAccel=(.025 deg/sec ^ 2)

Fit values (ft-lbs) for each motor

| motor | C0 | C1 | C2 | C3 |
|-------|-------|-------|---------|--------|
| m11 | -2.88 | 77.38 | 1015.82 | 109.28 |
| m12 | 6.12 | 61.22 | 856.12 | 1.14 |
| m21 | -2.94 | 77.05 | 1179.96 | 84.89 |
| m22 | 4.85 | 51.95 | 584.36 | 136.88 |
| m31 | -3.85 | 73.74 | 1884.64 | 43.33 |
| m32 | 4.71 | 51.82 | 750.93 | 90.11 |
| m41 | -2.43 | 77.22 | 2198.23 | 81.74 |
| m42 | 3.49 | 48.20 | 1245.31 | 115.15 |