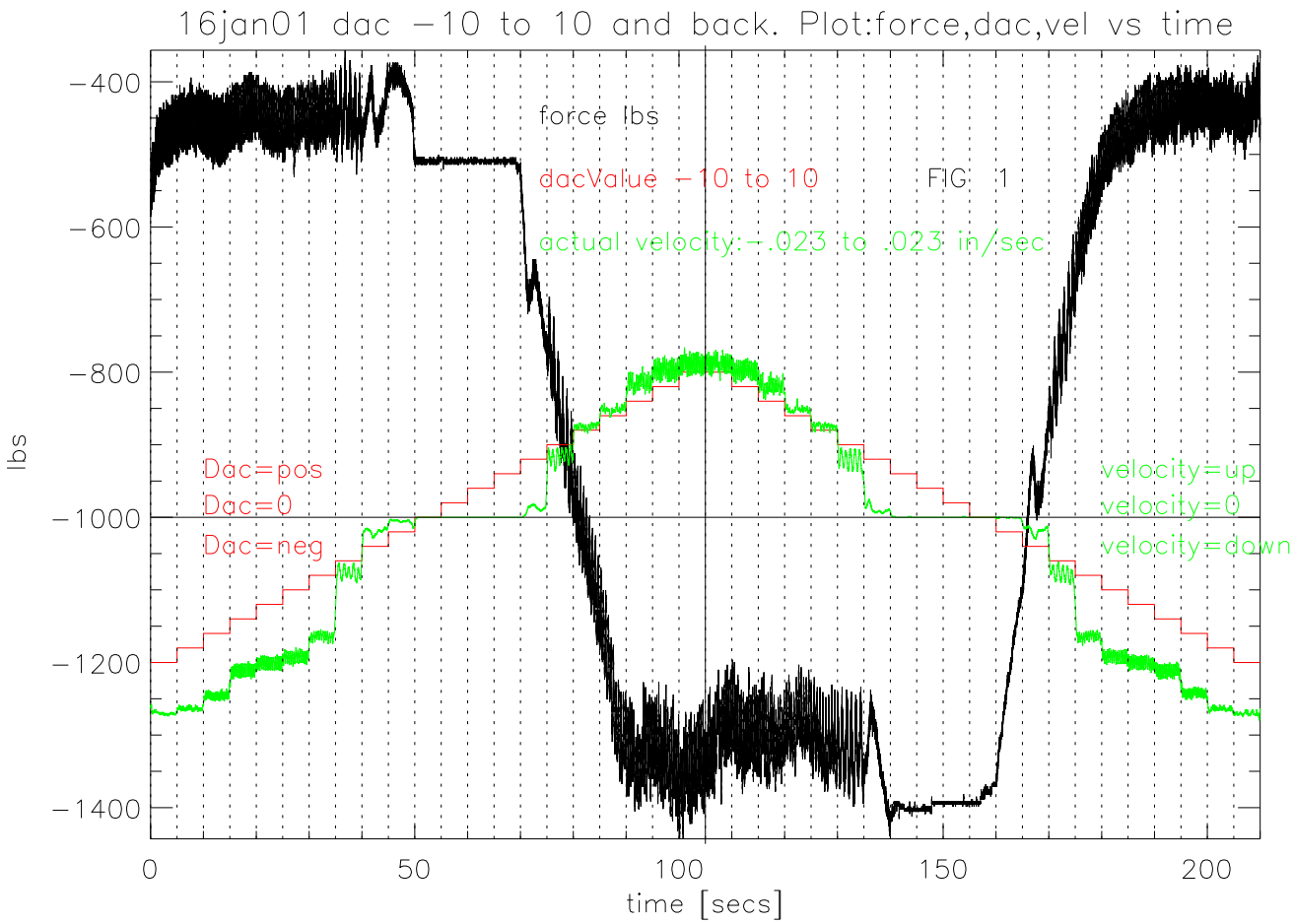
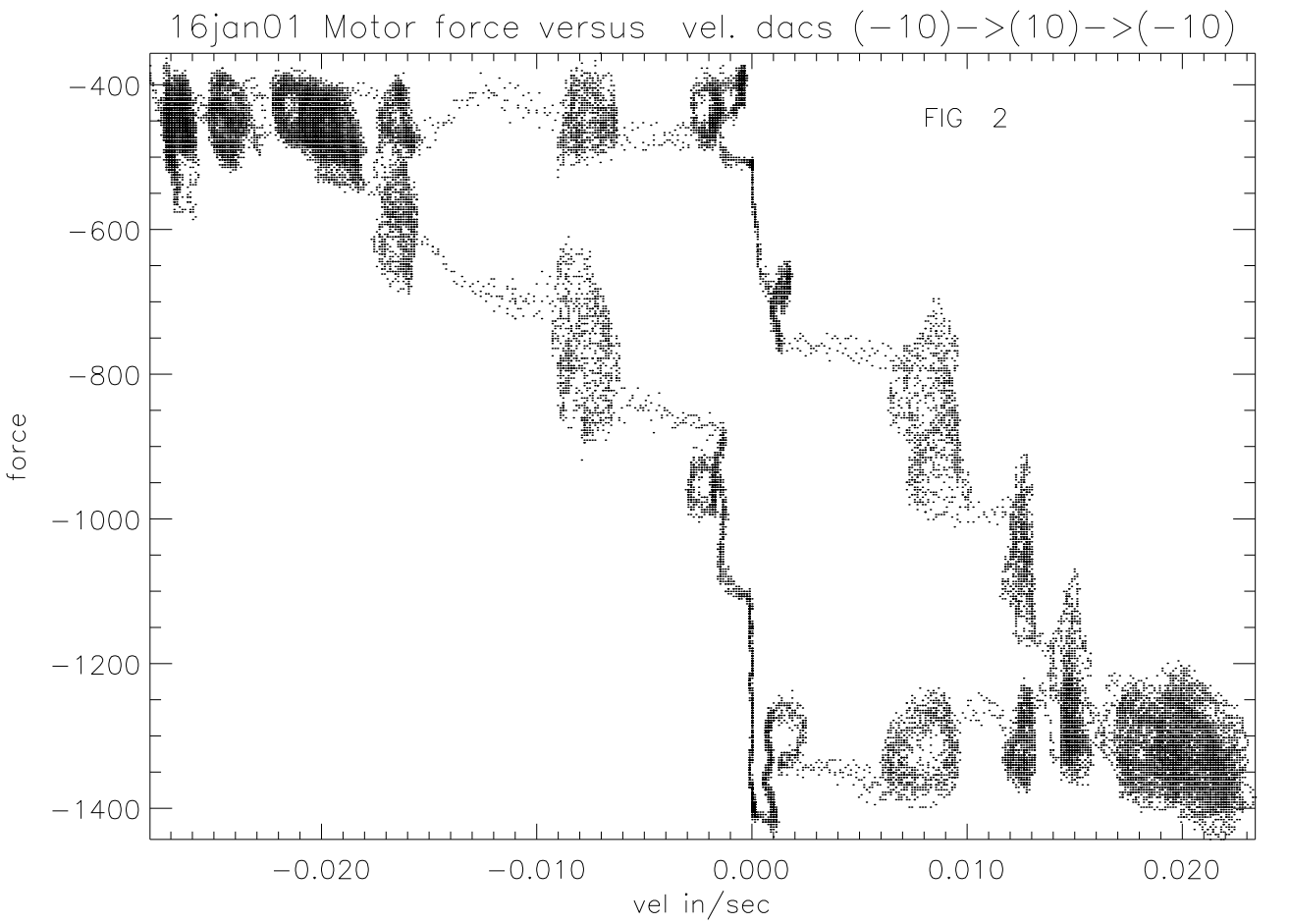

16jan01 dac −10 to 10 and back. Plot:force,dac,vel vs time
force lbs
dacValue −10 to 10
FIG 1
actual velocity:−.023 to .023 in/sec
Dac=pos
Dac=0
Dac=neg
velocity=up
velocity=0
velocity=down
lbs
−400
−600
−800
−1000
−1200
−1400
0
50
100
150
200
time [secs]


16jan01 Motor force versus vel. dacs (−10)−>(10)−>(−10)
FIG 2
force
−400
−600
−800
−1000
−1200
−1400
−0.020
−0.010
0.000
0.010
0.020
vel in/sec