Notes:
1. Quiz 5 on 4/21 on steering model
2. HW 3 due 4/24 – learning (handout later this week)
3. Round 1 today
Round 1 Scoring

6 points  Moves
6.5 points  Makes first turn
7 points  Completes 1/2 of the track in < 5 minutes
8 points  Completes whole track in < 5 minutes about 0.3 m/s
          Completes whole track in 2 minutes or less about 0.8 m/s
9 points  For cars which are fast and/or well-stabilized
>9 points
Deductions

-0.3 points  Twitchy steering
-0.3 points  Goes wide on curves
-0.3 points  Oscillatory step response
-0.3 points  Over 60 sec
             about 1.6 m/s
-0.5 points  Hits cone(s)
Spring 2019 Round 1 Results

Whole track <60 seconds (9+ pts):
N=8 (28.565, 32.65, 34.26, 34.457, 38.68, 40.656, 46.156, 46.812)

Whole track > 60 seconds: N=1 (67.193)

9 teams
Track length ~ 65 meters. Top speed 2.3 m/sec
Round 2 notes

-0.5 points  Twitchy steering
-0.5 points  Goes wide on curves
-0.5 points  Oscillatory step response
-1 point     Loose hardware including car scraping on track
-1 point     Hits cone(s)
-0.5 points  Overshoot Natcar Finish Line (6 ft after finish line)
             + 4 second penalty in lap time
Extra Slides