5/6/2018

Added forces (drag, rolling resistance)

Added velocity and accel profiles as an input to our linear sim

Adjusted our calculation of Fxtotal to include a gain on acceleration

Created a velocity profile

We generate a vector of steer deltas and FxN and this updates in proj\_nonlinear\_sim

We created condition on Ux such that we do not have a Ux=0, (our system blows up /0)

5/7/2018

Beginning of part 2

Code to find s, or distance at clothoid from path data

Method describing velocity profile entering clothoid into a curve