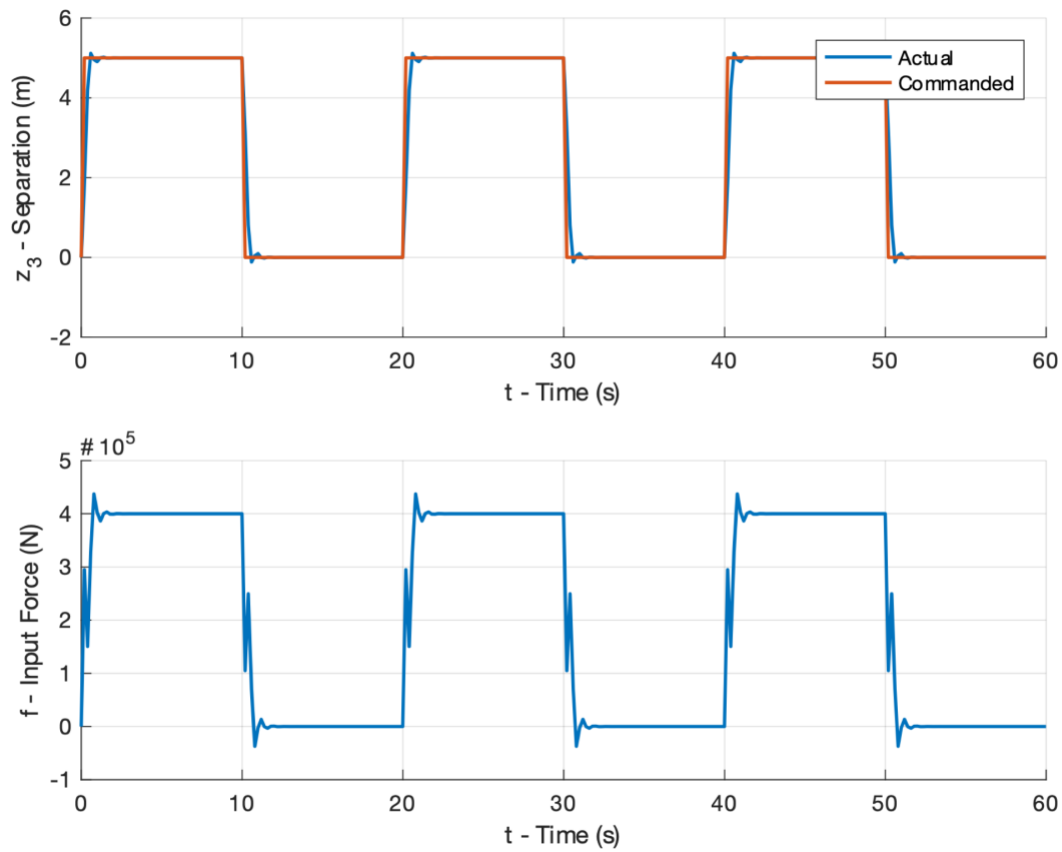


Kameron Eves
Midterm 2 Part 2 Results

Note that because no saturation limits were given, I cranked up (or I guess technically down) the rise time to get a very fast response. A real system would be limited by its saturation limits and so my rise time might have to be higher.

Plots:



Gain values:

$$K = [-1.5798 * 10^5, \quad 1.0531 * 10^5, \quad -6.4624 * 10^3, \quad 1.0757 * 10^4]$$
$$k_r = 1.9360 * 10^4$$