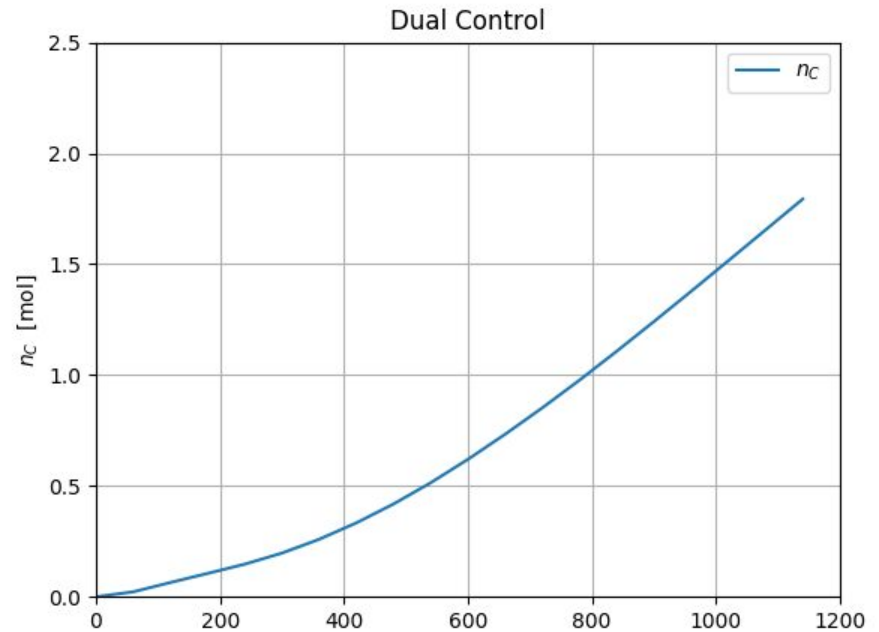
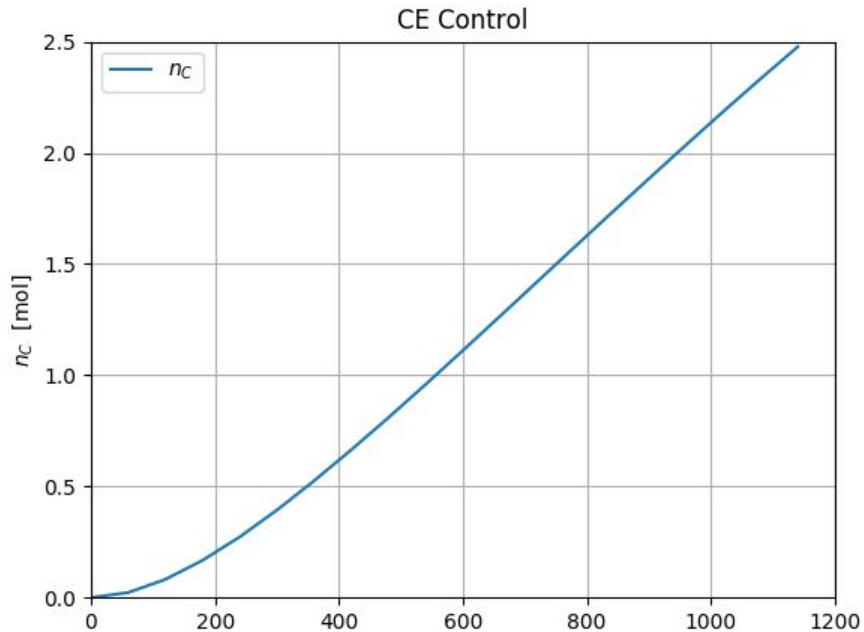
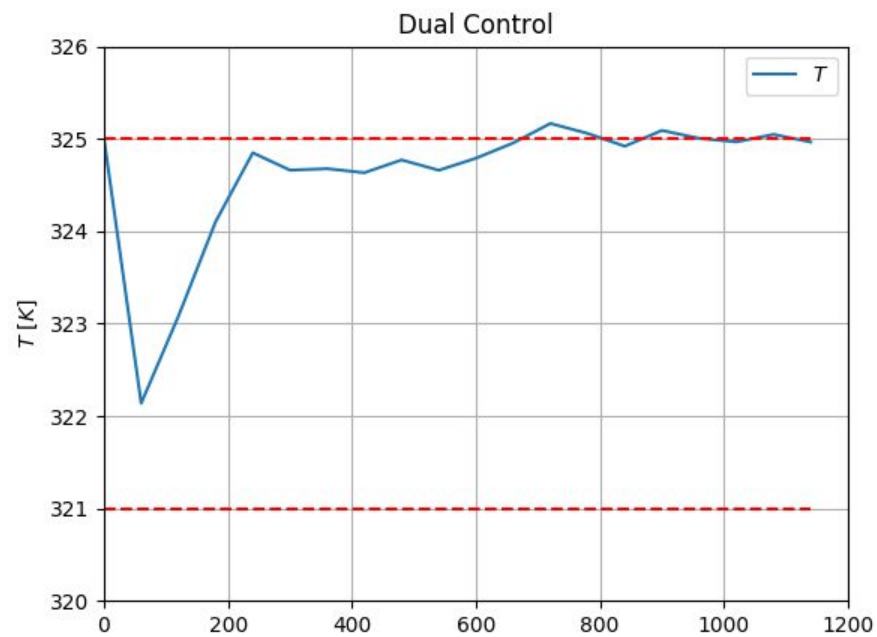
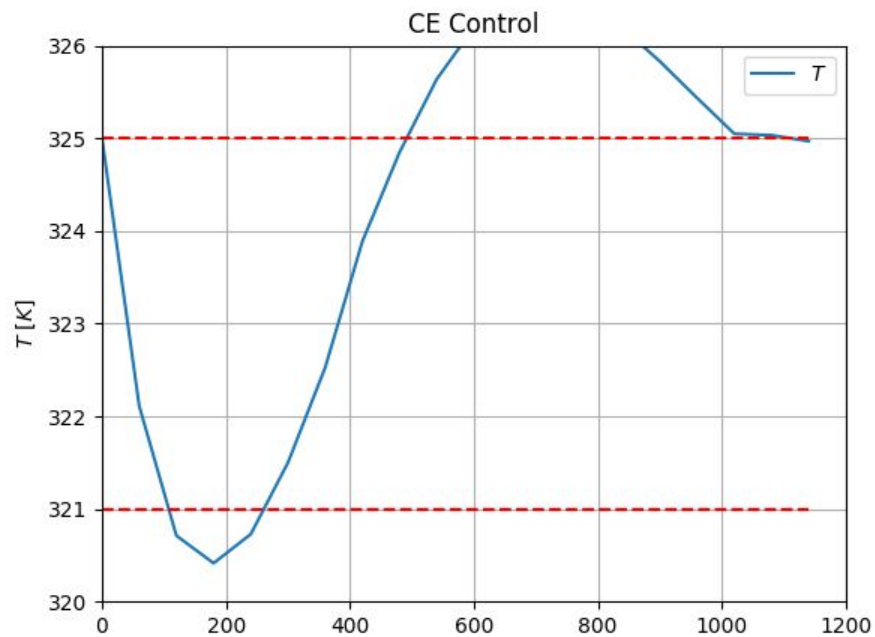


**Trial 1**

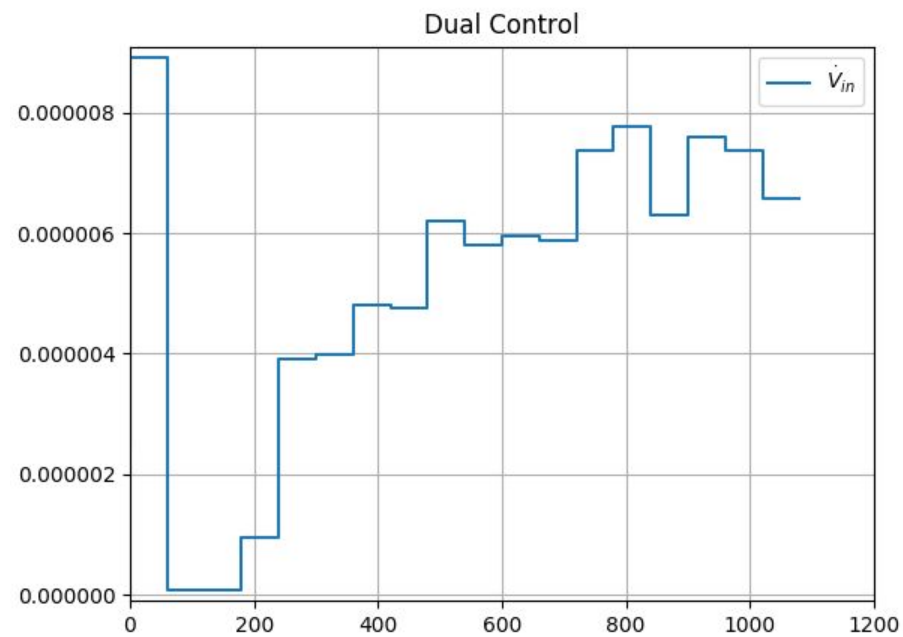
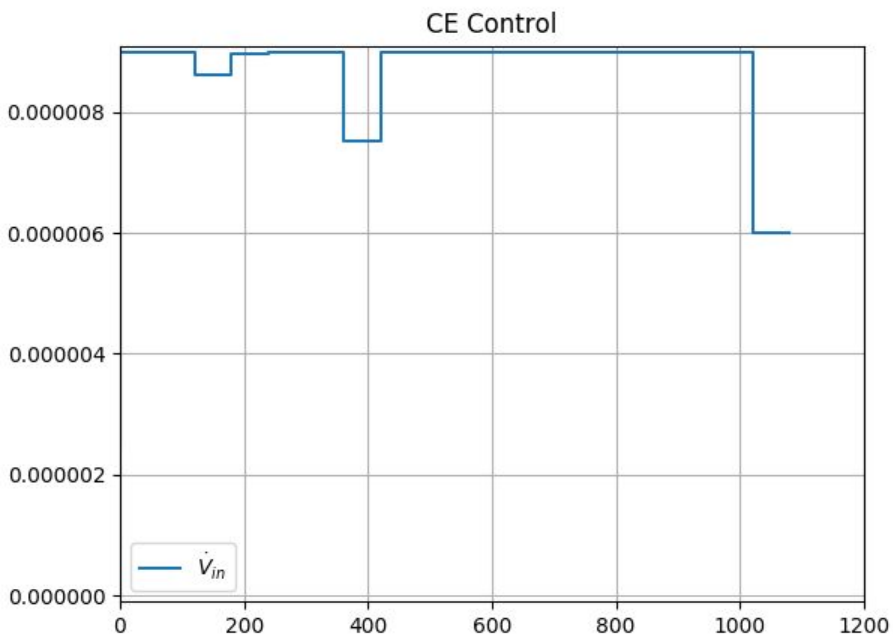
# Objective function (maximize moles of C)



# State 5

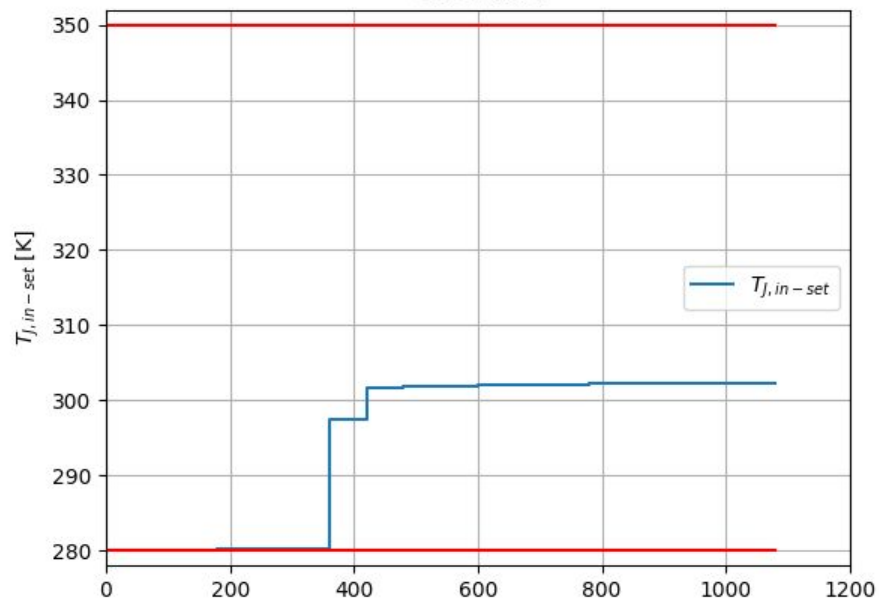


# Input 1

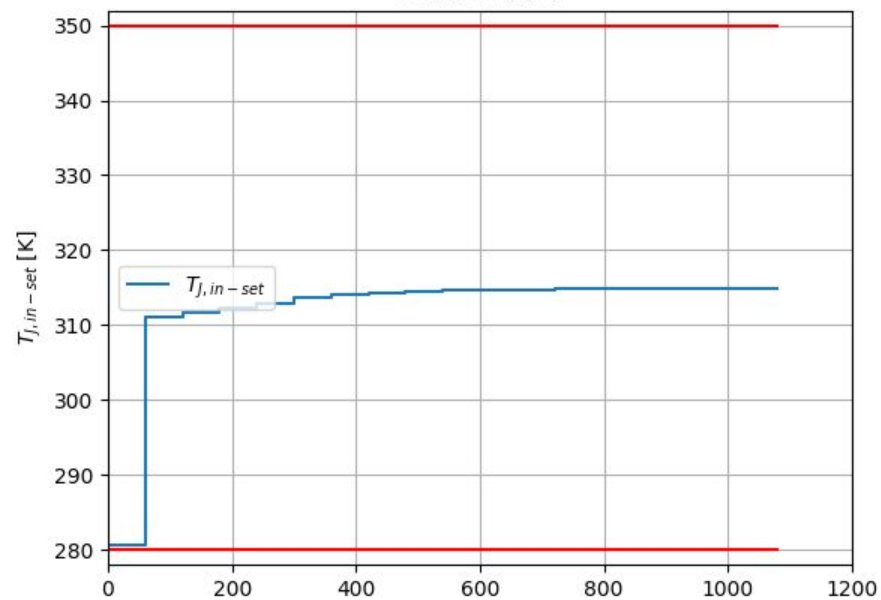


# Input 2

CE Control



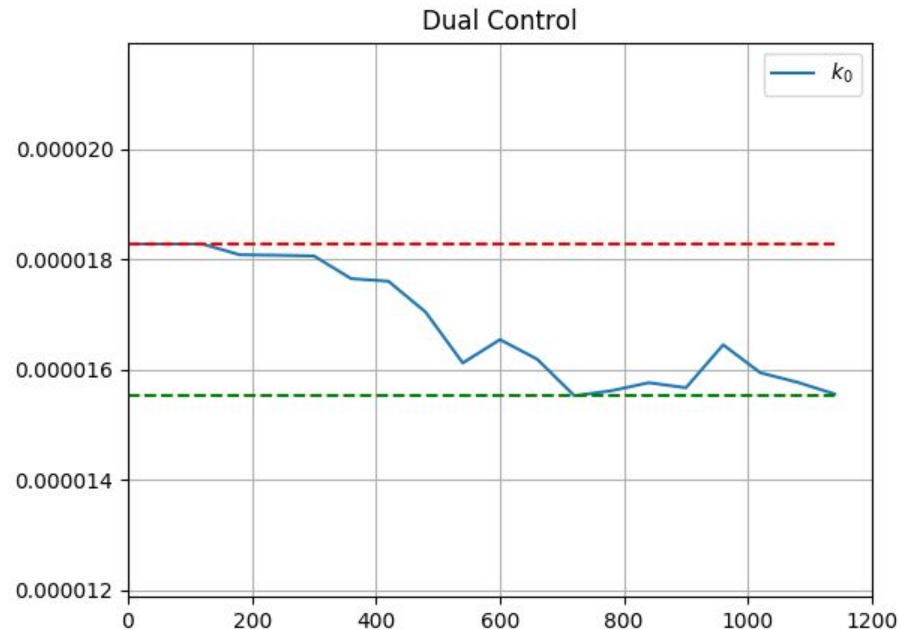
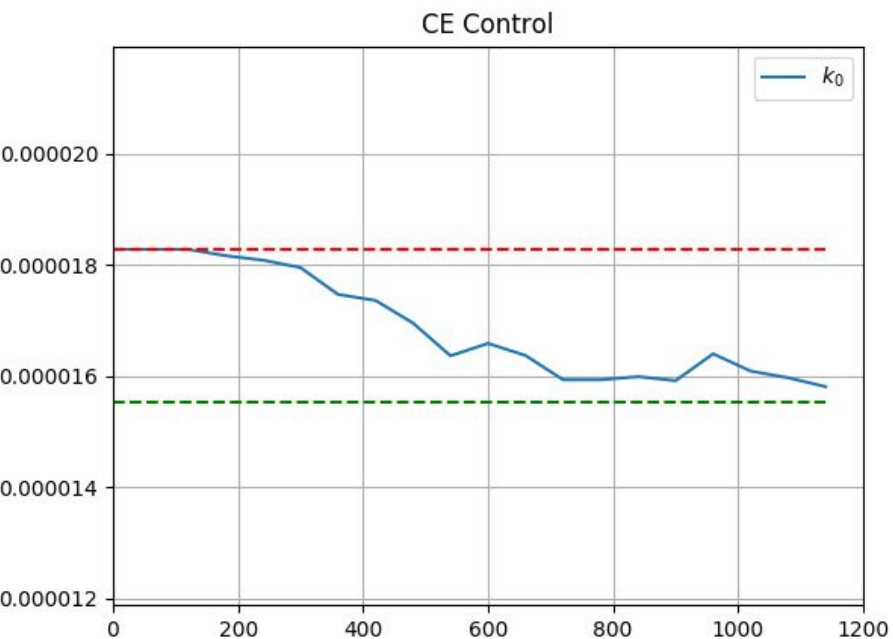
Dual Control



# Parameter estimate 1

Red = theta nominal

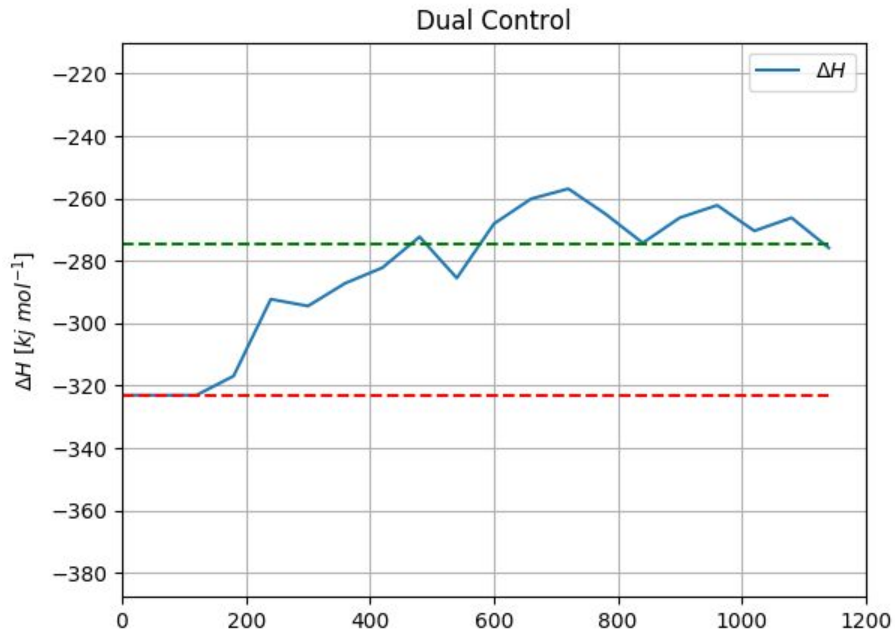
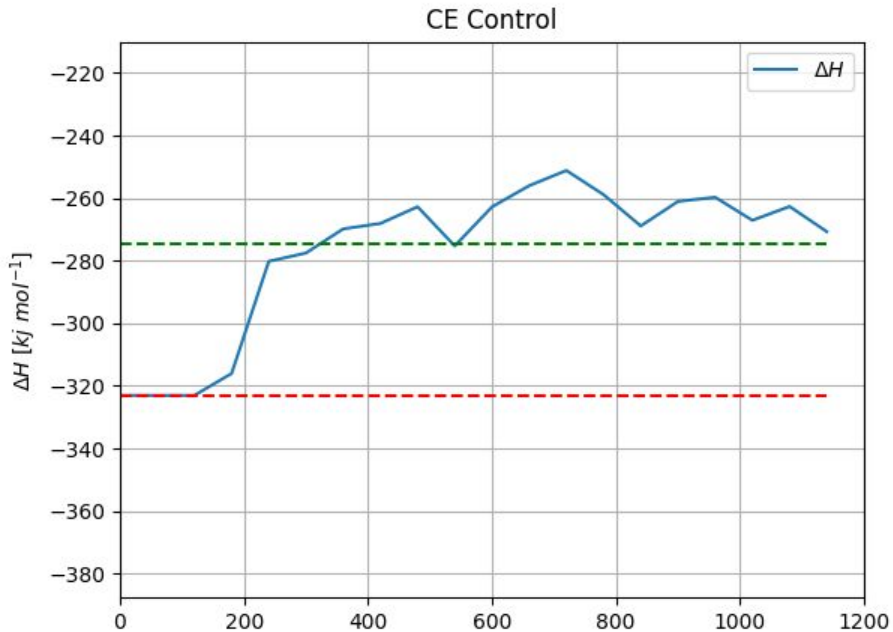
Green = theta actual



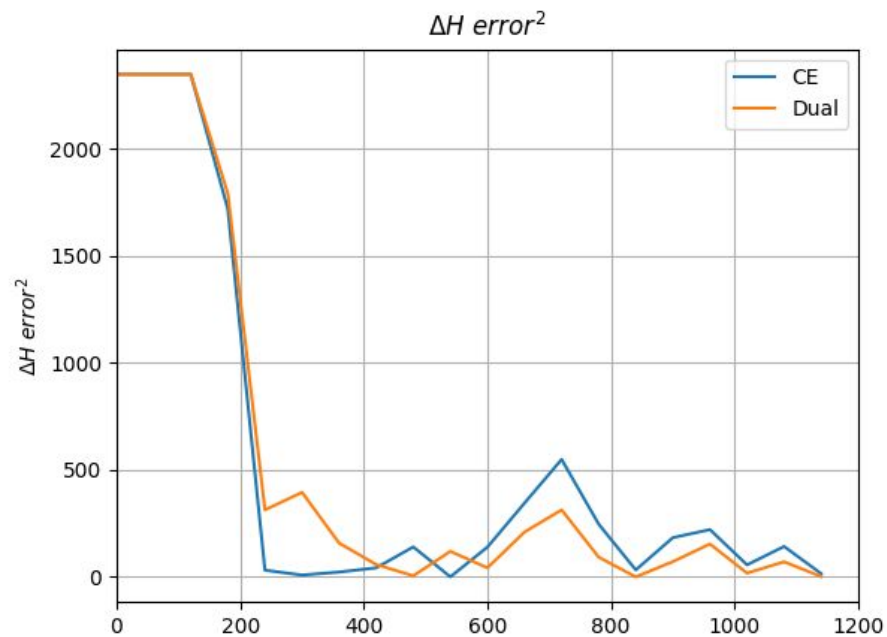
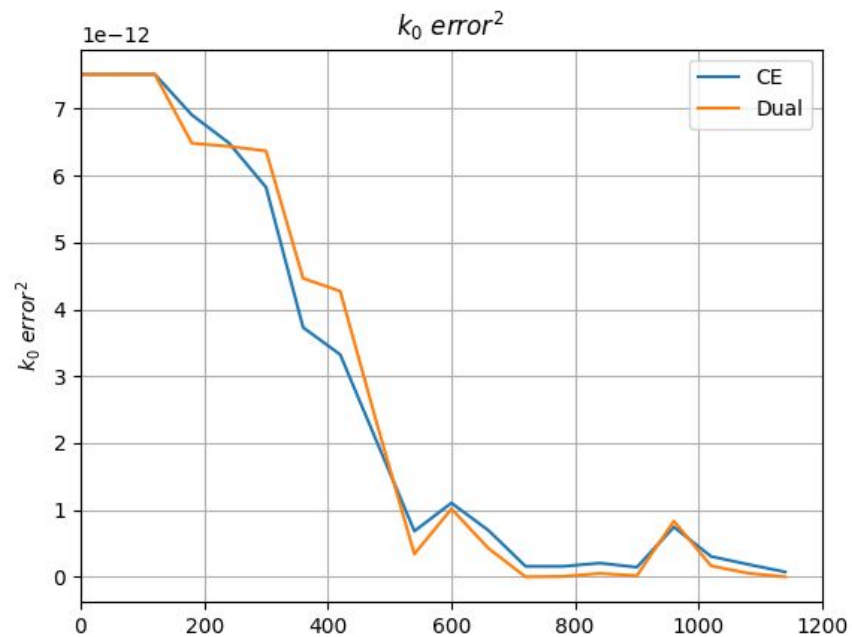
# Parameter estimate 2

Red = theta nominal

Green = theta actual



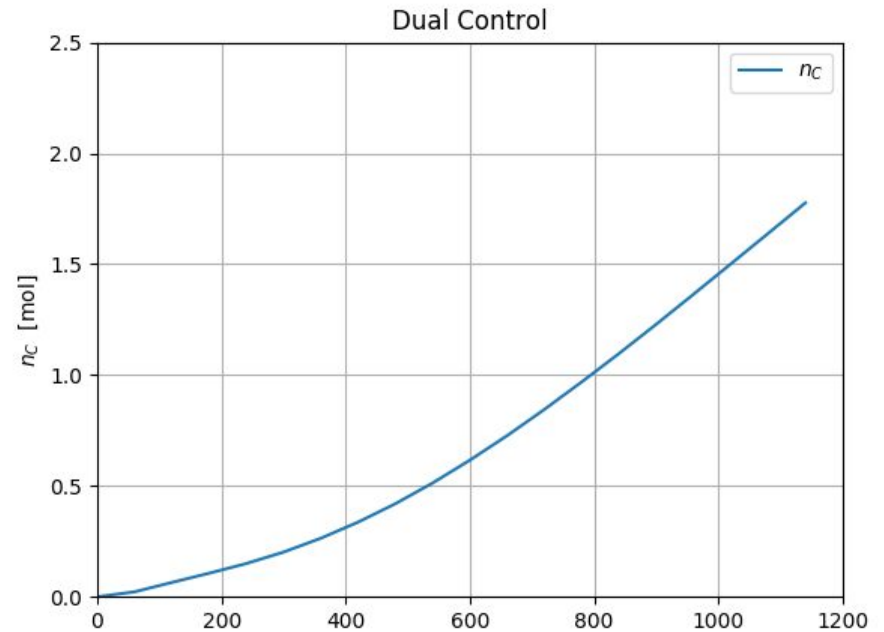
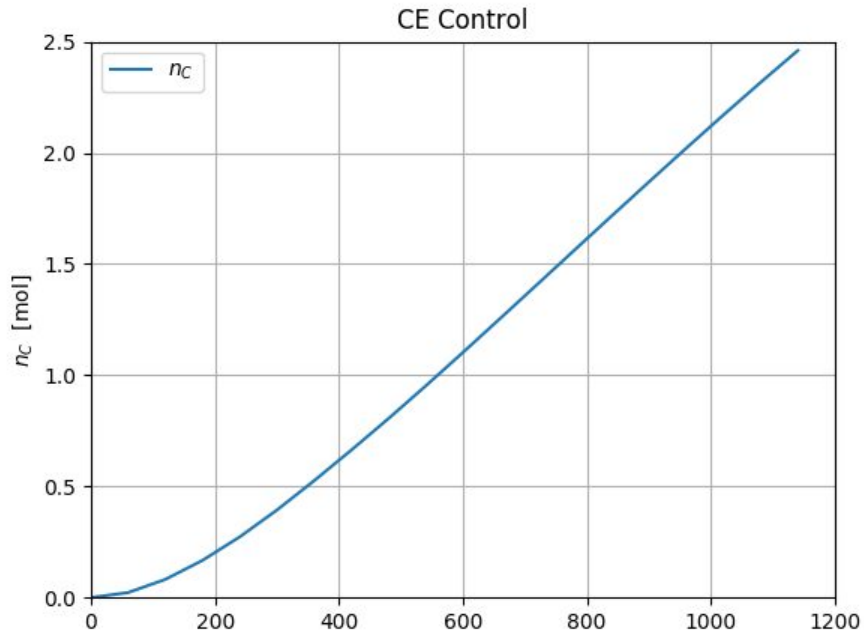
# Parameter estimate error



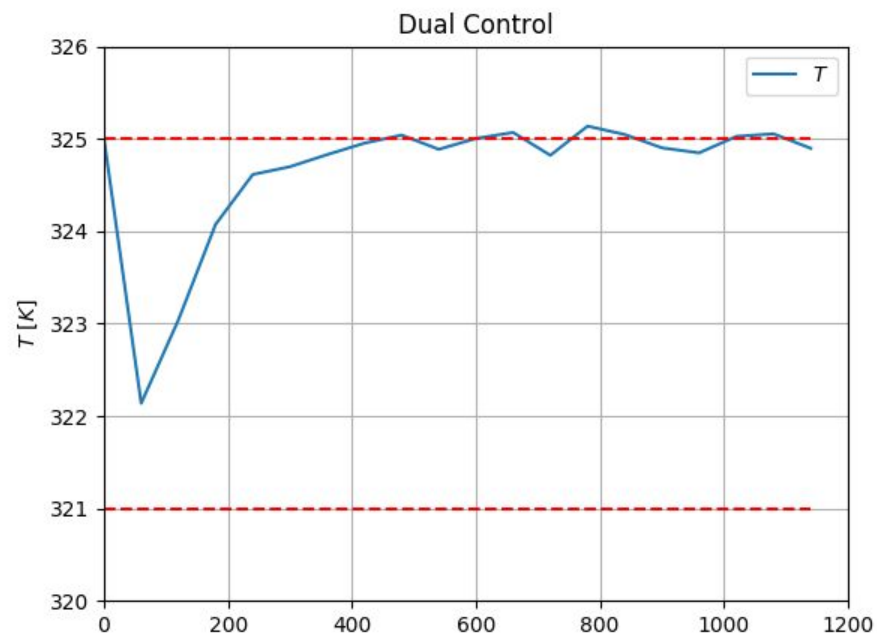
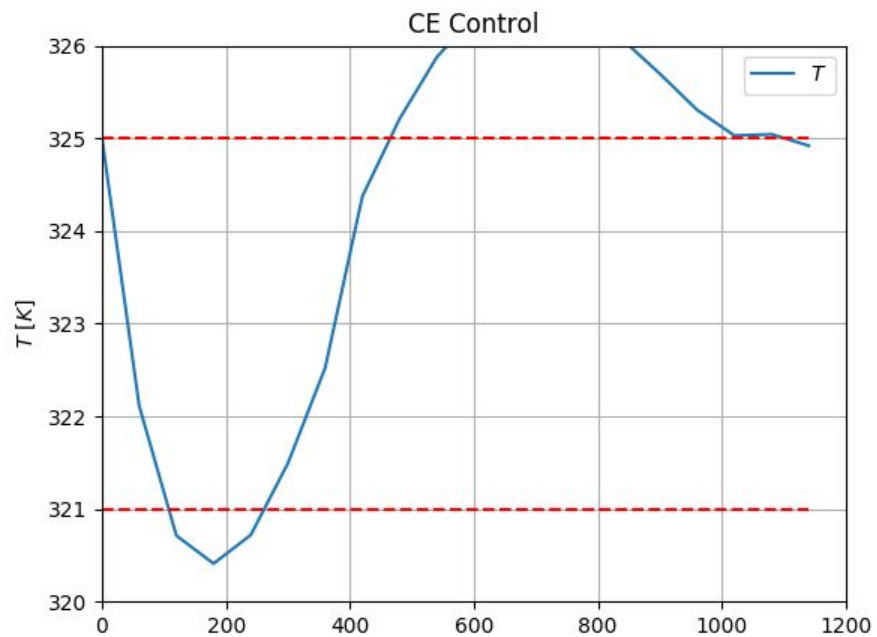


# Trial 2

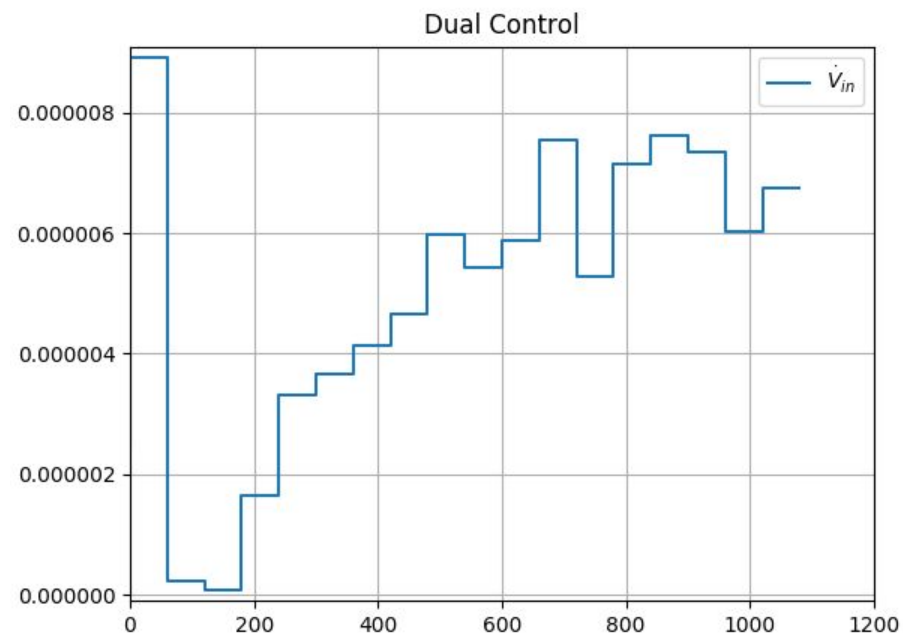
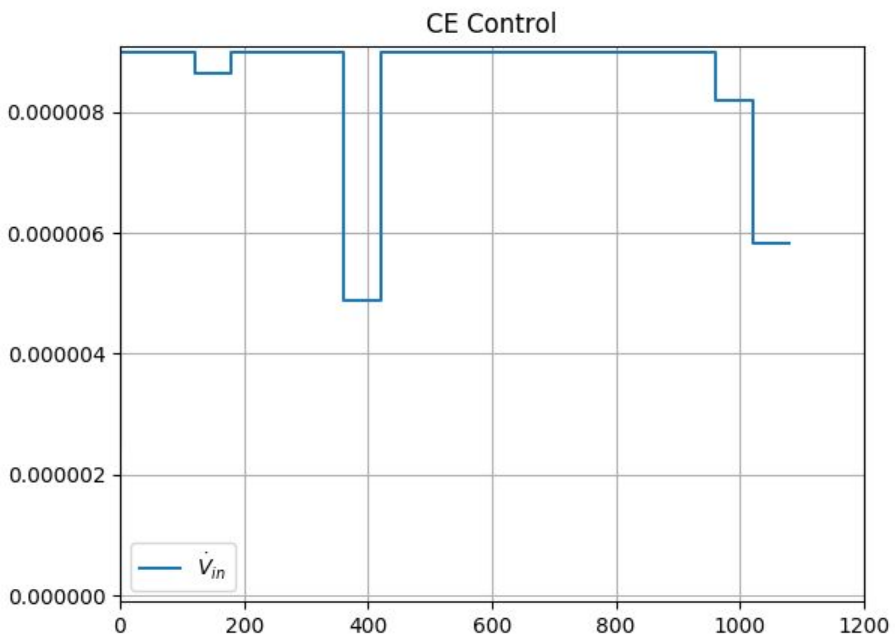
# Objective function (maximize moles of C)



# State 5

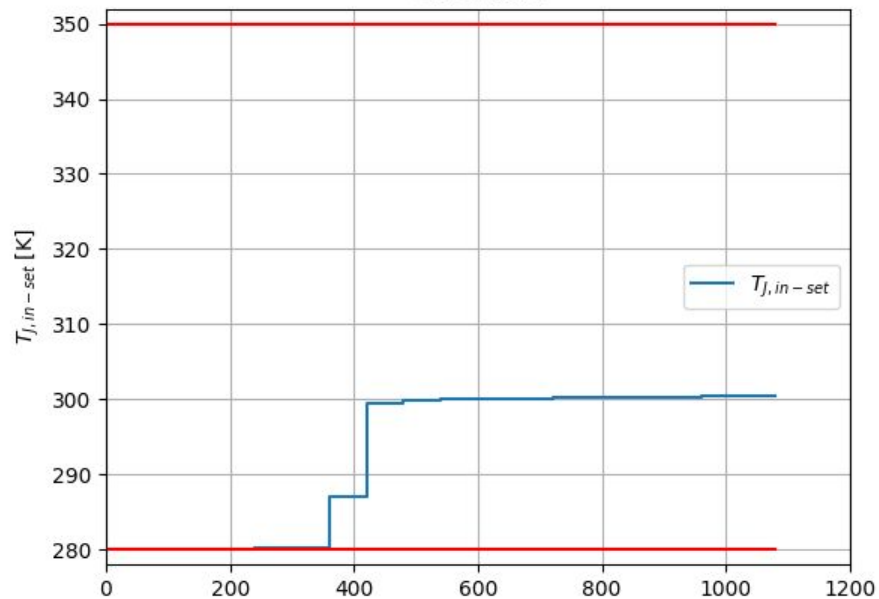


# Input 1

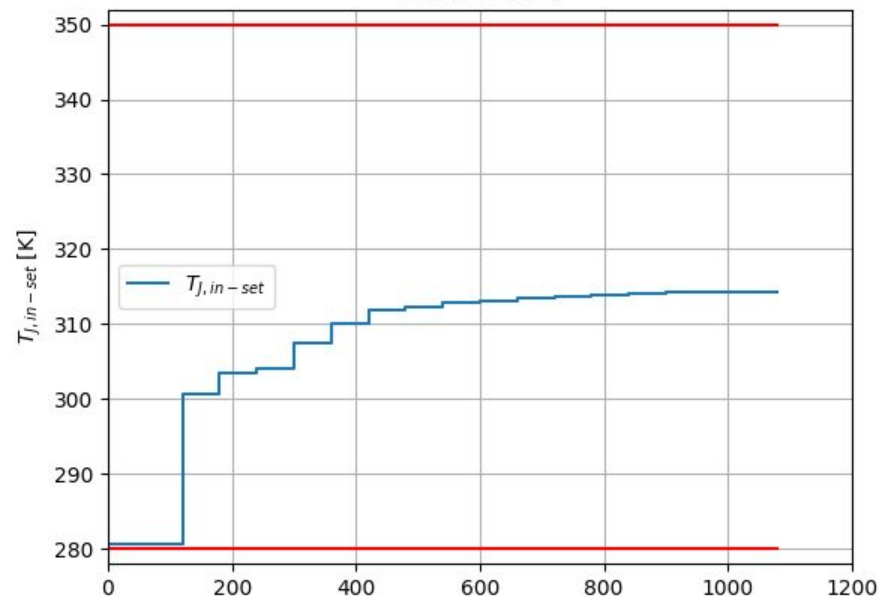


# Input 2

CE Control



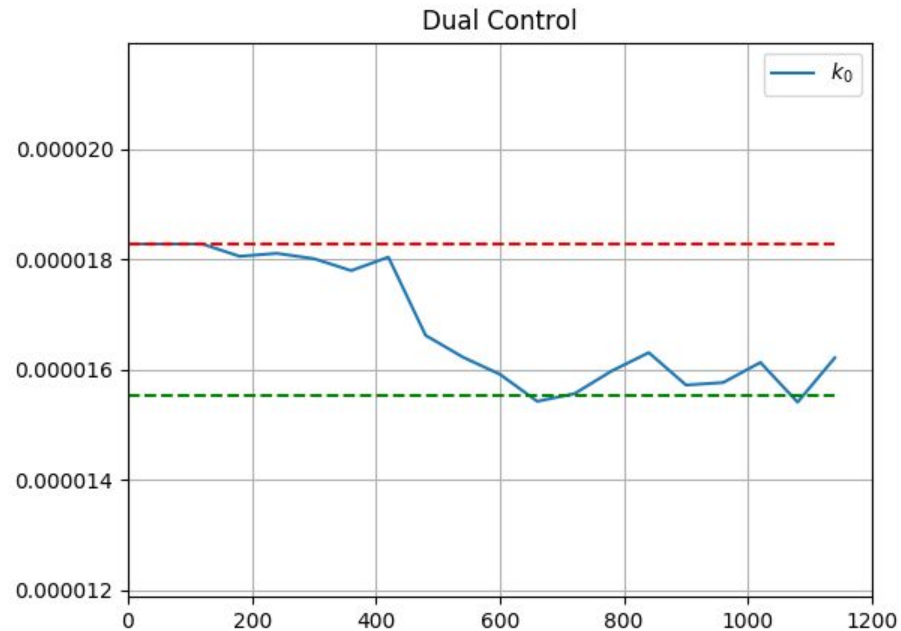
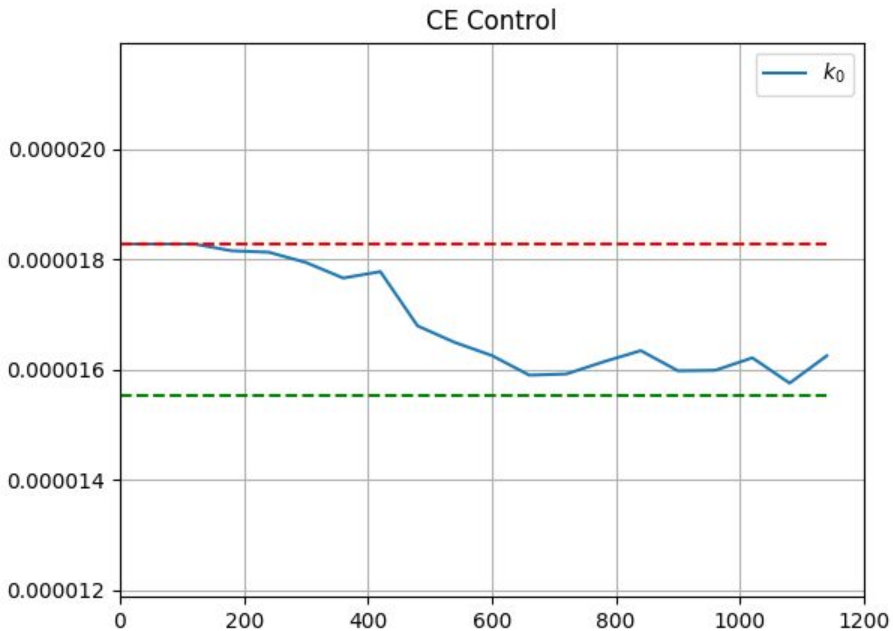
Dual Control



# Parameter estimate 1

Red = theta nominal

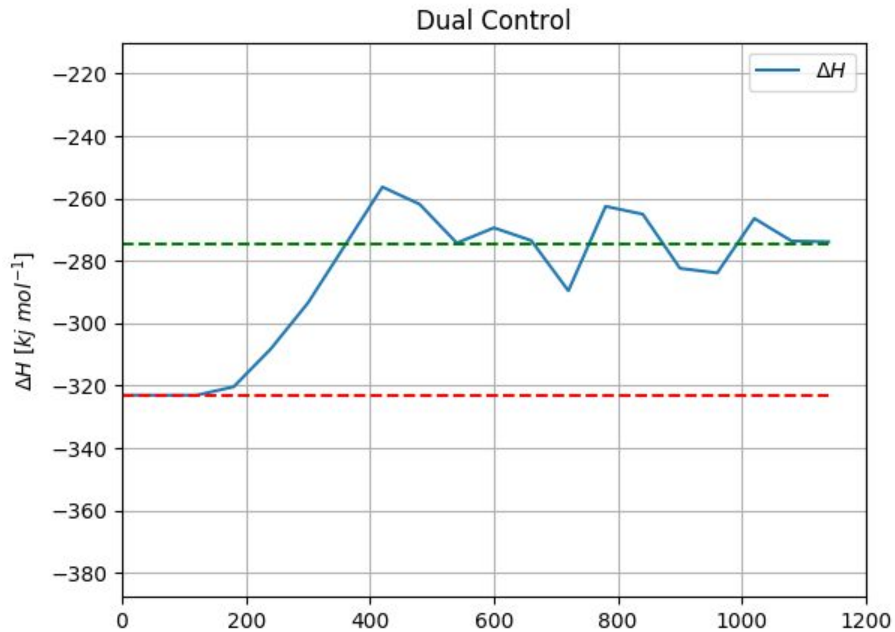
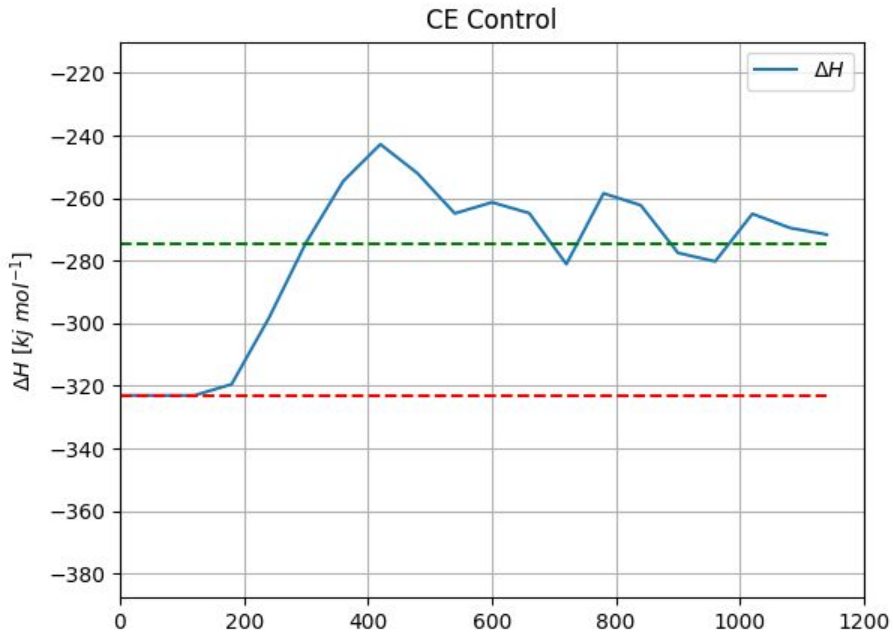
Green = theta actual



# Parameter estimate 2

Red = theta nominal

Green = theta actual



# Parameter estimate error

