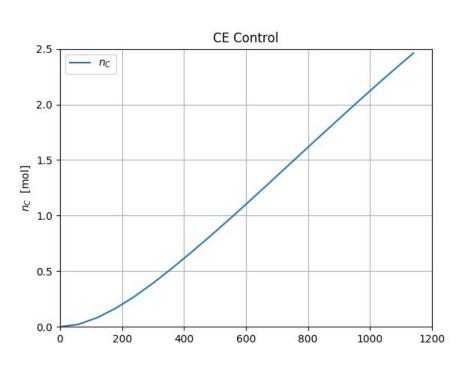
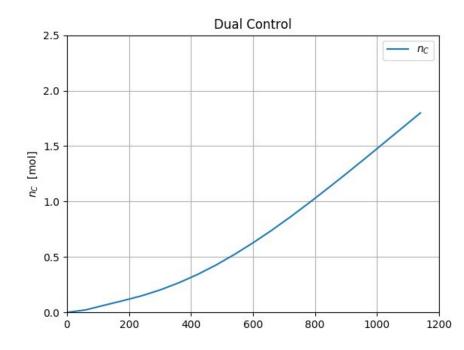
Trial 1

Qz = np.diag([10**-17, 5, 5, 5, .2, .2, .2, (3.0457*10**(-7))*discritize*4E-9, 323.05*.9E1])

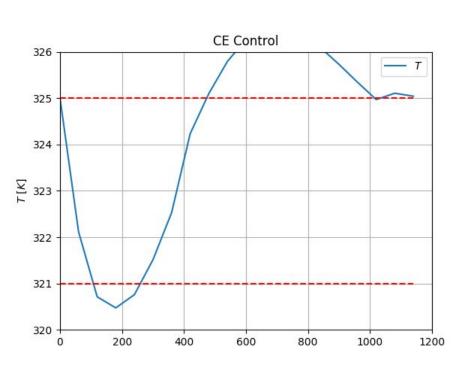
*Arbitrary tuning

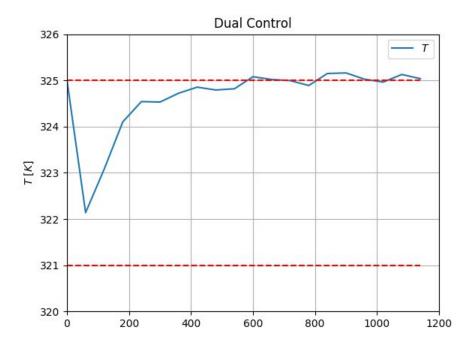
Objective function (maximize moles of C)

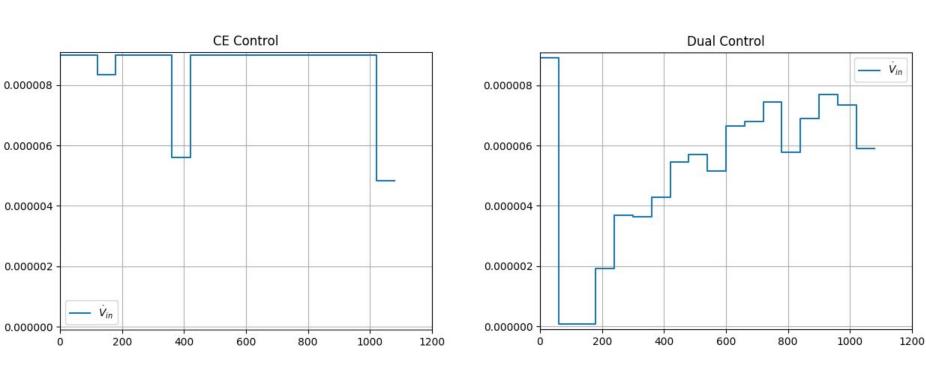


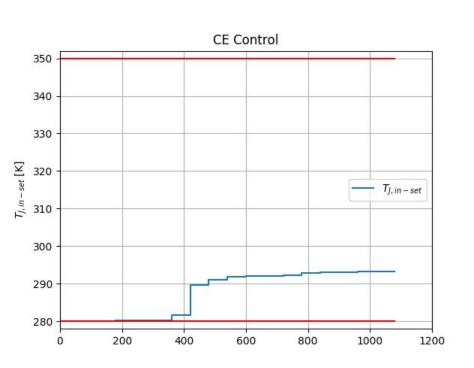


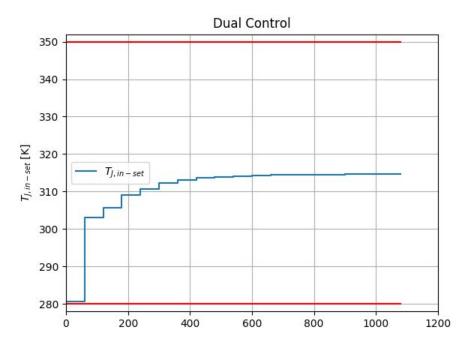
State 5

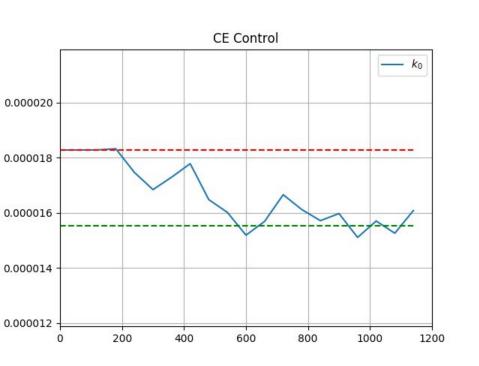


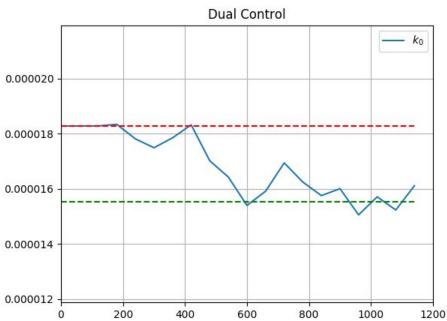


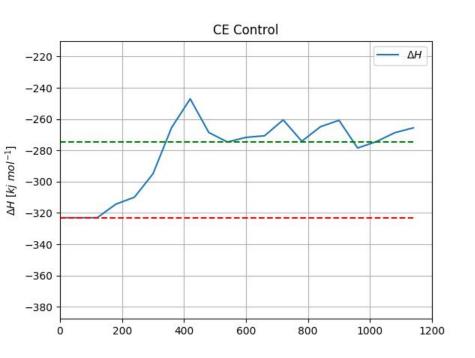


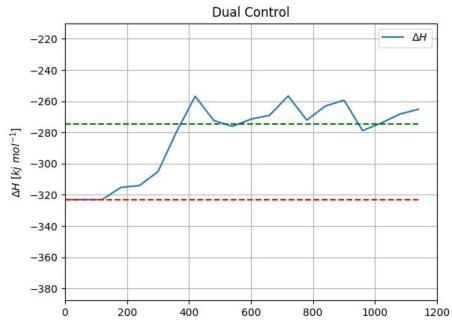




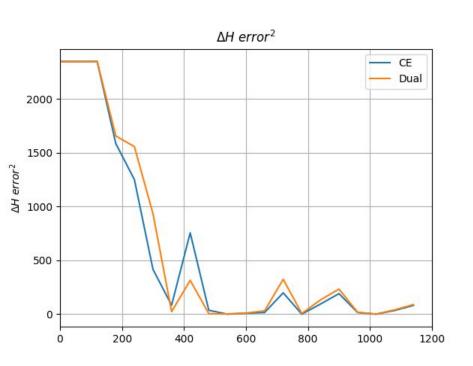


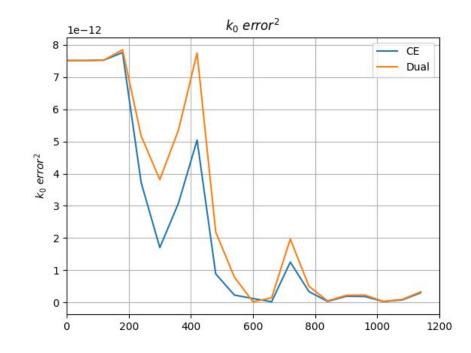






Parameter estimate error



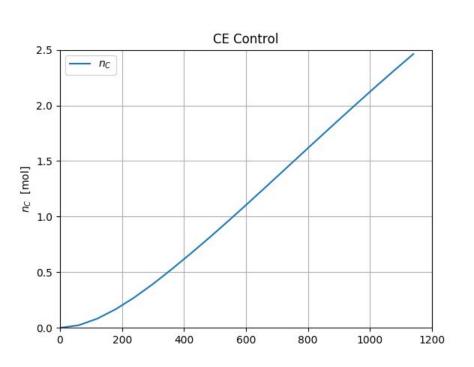


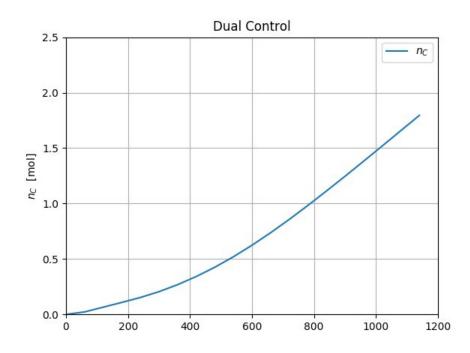
Trial 2

Qz = np.diag([10**-17, 5, 5, 5, .2, .2, .2, (3.0457*10**(-7))*discritize*4E-9, 323.05*.9E1])

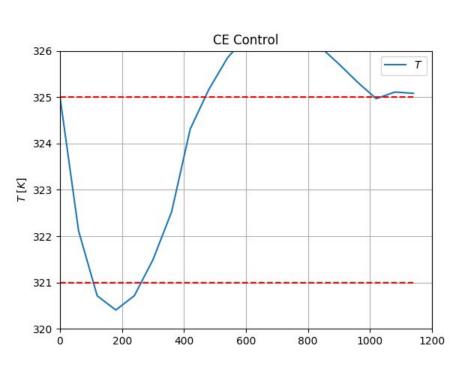
*Arbitrary tuning

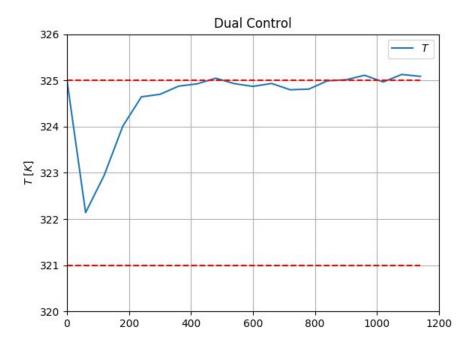
Objective function (maximize moles of C)

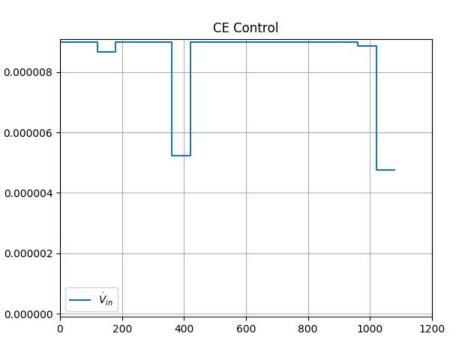




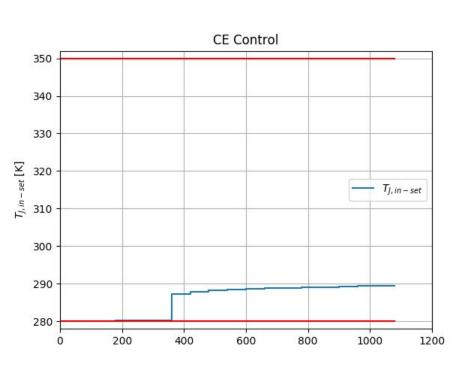
State 5

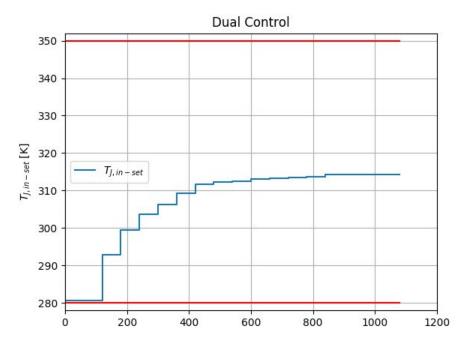


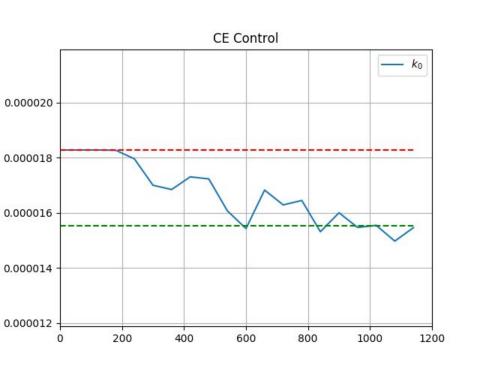


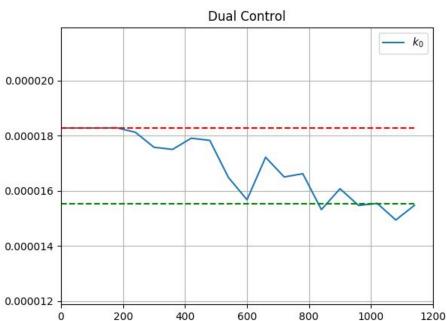


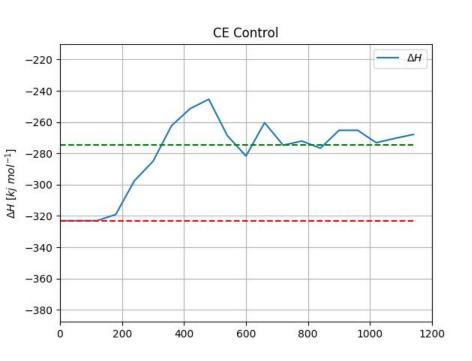


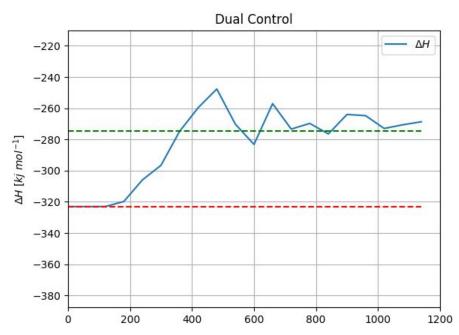












Parameter estimate error

