Optimal Smoothing Parameter for Lat Error Estimator for Simulator Mode 0 = 1.000000e-04

Optimal Smoothing Parameter for Speed Error Estimator for Simulator Mode 0 = 1.000000e-04

Optimal Smoothing Parameter for Lat Error Estimator for Simulator Mode 1 = 6.025596e-04

Optimal Smoothing Parameter for Speed Error Estimator for Simulator Mode 1 = 3.019952e-03

Optimal Smoothing Parameter for Lat Error Estimator for Simulator Mode 2 = 4.168694e-04

Optimal Smoothing Parameter for Speed Error Estimator for Simulator Mode 2 = 2.630268e-04

Optimal Smoothing Parameter for Lat Error Estimator for Simulator Mode 3 = 7.585776e-04

Optimal Smoothing Parameter for Speed Error Estimator for Simulator Mode 3 = 1.148154e-03

Optimal PID Gains for Simulation Mode 0:

[3371.379897030401, 20.8779706616672, 0.007]

Optimal PID Gains for Simulation Mode 1:

[3347.18569161025, 16.786480108391114, 0.00477849841460771]

Optimal PID Gains for Simulation Mode 2:

[3529.761966550788, 8.31732966907482, 0.15946545921819008]

Optimal PID Gains for Simulation Mode 3:

[2657.959963611114, 9.293689473135986, 0.2233956569237541]