	Desired	Original Controller Simulated	Improved Controller Simulated	Original Controller Quanser	Improved Tuned Quanser
Tr (s)	4	1.65	1.5	2.57	1.35
Ts (4%) (s)	5	1.65	1.5	2.57	1.35
OS(%)	10	1.868	0.29	2.284	1.16
Ess (%)	0	0	0	0	0

Objectives