

PID TUNER

Plant: **Form Parallel** Domain: **Time**

Options: **Add Plot**

CONTROLLER DESIGN

Response Time (seconds): **0.014232**

Transient Behavior: **0.9**

TUNING TOOLS: **Reset Design** **Show Parameters** **Update Block**

Plant List

Name	Class
Plant	ss

Controller Parameters

	Tuned	Block
P	134.285	134.285
I	3338.2455	3338.2455
D	0.1742	0.1742
N	512.4822	512.4822

Performance and Robustness

	Tuned	Block
Rise time	0.013 seconds	0.013 seconds
Settling time	0.0978 seconds	0.0978 seconds
Overshoot	9.74 %	9.74 %
Peak	1.1	1.1
Gain margin	Inf dB @ Inf rad/s	Inf dB @ Inf rad/s
Phase margin	90 deg @ 141 rad/s	90 deg @ 141 rad/s
Closed-loop stability	Stable	Stable

Close

