

CONTROL SYSTEM

VIEW

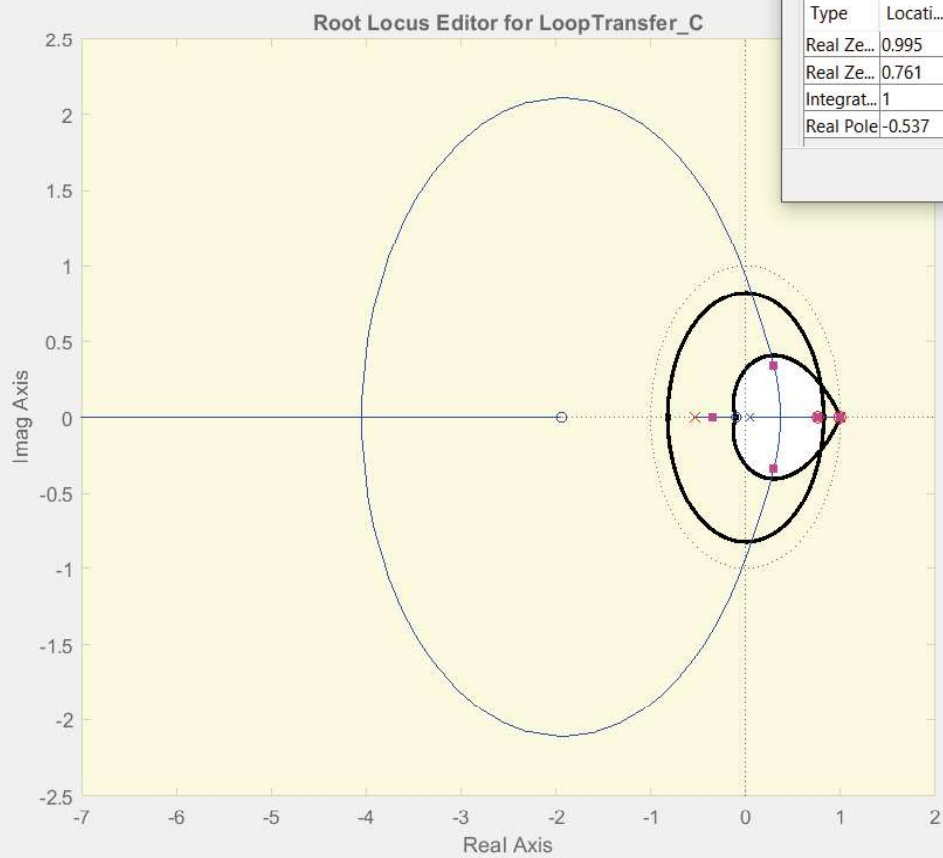
Left/Right
Top/Bottom
Custom

Float
Shrink Tabs to Fit
Alphabetize

TILES

DOCUMENT TABS

Root Locus Editor for LoopTransfer_C



Compensator Editor

Compensator

$$C = 0.71128 \times \frac{(1 + 9.1w)(1 + 0.21w)}{w(1 + 0.033w)}, w = (z-1)/Ts$$

Pole-Zero

Parameter

Dynamics

Type	Locati...	Dampi...	Freque...
Real Ze...	0.995	1	0.11
Real Ze...	0.761	1	5.45
Integrat...	1	-1	0
Real Pole	-0.537	0.194	64.1

Edit Selected Dynam...

Select a single row

Help

Amplitude

Time (seconds)

System: IOTransfer_r2y
I/O: r to y
Peak amplitude: 1.07
Overshoot (%): 6.87
At time (seconds): 0.2

System: IOTransfer_r2y
I/O: r to y
Settling time (seconds): 0.284

Response

m: r To: y