











































































Name 	Value
 alpha	1.7732e-04
 Am	<i>1x100 double</i>
 Am_max	5
 Am_min	2
 Ami	2
 ans	<i>1x1 Figure</i>
 beta	1.3665e-04
 data_horario_test	'2022-08-14 T23-34-53'
 erro	<i>1x100 double</i>
 fig1	<i>1x1 Figure</i>
 fig2	<i>1x1 Figure</i>
 fileName	'Resluts for PID - FT1-...
 flag_load_dist	0
 flag_model_severa...	0
 flag_noise	0
 flag_sinusoidal_dist	1
 folderName	'h005-T1-PS-2022-08...
 FT1type	'L'
 FT2ltype	'L'
 FuzzyType	'T1'
 gama	3.1383e-07
 h	<i>100x1 double</i>
 H	100
 h0	0.2006
 i	100
 l_pid	0.0325
 l_t1	0.0308
 l_t2_li	0.0307
 IAE_pid	6.6154
 IAE_t1	5.2393
 IAE_t2_li	5.0876
 IG_pid	2.8293
 IG_t1	1.8689
 IG_t2_li	1.8511
 ISE_pid	3.2546
 ISE_t1	3.0776
ISE_t2_li	3.0668
ITAE_pid	728.3522
ITAE_t1	555.4133
ITAE_t2_li	529.3661
ITSE_pid	31.9582

Name 	Value
 ITSE_t1	17.8719
 ITSE_t2_li	15.8584
 Kc	3.9726e-05
 Kd	1x100 double
 Ki	1x100 double
 Kp	1x100 double
 L	2
 nptos	100
 Opt_type	'PS'
 param	1x14 double
 passo	0.0500
 patamar	0.1000
 PIDflag	0
 PIDtype	'ZN'
 r_level	0.0200
 rate	1x100 double
 ref	1x100 double
 ref_type	'st'
 rr_ss	1x100 double
 ruido_db_level	17.3210
 simName	'Sinusoidal_Noise'
 su_pid	1.5583e-09
 su_t1	6.6156e-10
 su_t2_li	6.1909e-10
 sy_pid	0.0031
 sy_t1	0.0021
 sy_t2_li	0.0020
 Tamostra	5
 tank	1x1 struct
 Td	0.0790
 tempo	1x100 double
 Theta_m_max	72
 Theta_m_min	45
 Ti	0.3160
 trail	'./results/PS/h005-T1...
 ts	1x100 double
Ts	5
Tsim	500
u	100x1 double
y	41x1 double