











































































Name 	Value
 alpha	4.7034e-05
 Am	<i>1x100 double</i>
 Am_max	5
 Am_min	2
 Ami	7.5401
 ans	<i>1x1 Figure</i>
 beta	3.6247e-05
 data_horario_test	'2022-08-14 T23-19-30'
 erro	<i>1x100 double</i>
 fig1	<i>1x1 Figure</i>
 fig2	<i>1x1 Figure</i>
 fileName	'Resluts for PID - FT2-...
 flag_load_dist	0
 flag_model_severa...	0
 flag_noise	0
 flag_sinusoidal_dist	1
 folderName	'h005-T2-PS-2022-08...
 FT1type	'L'
 FT2ltype	'L'
 FuzzyType	'T2'
 gama	8.3244e-08
 h	<i>100x1 double</i>
 H	100
 h0	0.0519
 i	100
 l_pid	0.0318
 l_t1	0.0302
 l_t2_li	0.0302
 IAE_pid	5.2945
 IAE_t1	4.0402
 IAE_t2_li	4.0972
 IG_pid	1.6901
 IG_t1	0.8142
 IG_t2_li	0.8747
 ISE_pid	3.1808
 ISE_t1	3.0151
ISE_t2_li	3.0178
ITAE_pid	433.5643
ITAE_t1	266.0388
ITAE_t2_li	254.1105
ITSE_pid	12.6669

Name 	Value
 ITSE_t1	3.6059
 ITSE_t2_li	3.2265
 Kc	3.9726e-05
 Kd	1x100 double
 Ki	1x100 double
 Kp	1x100 double
 L	2
 nptos	100
 Opt_type	'PS'
 param	1x18 double
 passo	0
 patamar	0.0500
 PIDflag	0
 PIDtype	'ZN'
 r_level	0.0100
 rate	1x100 double
 ref	1x100 double
 ref_type	'st'
 rr_ss	1x100 double
 ruido_db_level	14.4078
 simName	'Sinusoidal_Noise'
 su_pid	9.3836e-10
 su_t1	1.1384e-10
 su_t2_li	1.4209e-10
 sy_pid	0.0017
 sy_t1	8.9546e-05
 sy_t2_li	1.4485e-04
 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-T2...
 ts	1x100 double
Ts	5
Tsim	500
u	100x1 double
y	41x1 double