











































































Name 	Value
 alpha	4.7038e-05
 Am	<i>1x100 double</i>
 Am_max	5
 Am_min	2
 Ami	7.5395
 ans	<i>1x1 Figure</i>
 beta	3.6250e-05
 data_horario_test	'2022-08-14 T23-03-51'
 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	8.3251e-08
 h	<i>100x1 double</i>
 H	100
 h0	0.0528
 i	100
 l_pid	0.0321
 l_t1	0.0303
 l_t2_li	0.0303
 IAE_pid	5.9808
 IAE_t1	4.5384
 IAE_t2_li	4.5351
 IG_pid	1.7094
 IG_t1	0.8048
 IG_t2_li	0.8759
 ISE_pid	3.2103
 ISE_t1	3.0315
ISE_t2_li	3.0317
ITAE_pid	632.8931
ITAE_t1	398.1280
ITAE_t2_li	377.4454
ITSE_pid	22.3482

Name 	Value
 ITSE_t1	8.0389
 ITSE_t2_li	7.0056
 Kc	3.9726e-05
 Kd	<i>1x100 double</i>
 Ki	<i>1x100 double</i>
 Kp	<i>1x100 double</i>
 L	2
 nptos	100
 Opt_type	'PS'
 param	<i>1x18 double</i>
 passo	0
 patamar	0.0500
 PIDflag	0
 PIDtype	'ZN'
 r_level	0.0150
 rate	<i>1x100 double</i>
 ref	<i>1x100 double</i>
 ref_type	'st'
 rr_ss	<i>1x100 double</i>
 ruido_db_level	10.9026
 simName	'Sinusoidal_Noise'
 su_pid	9.5788e-10
 su_t1	1.1246e-10
 su_t2_li	1.4209e-10
 sy_pid	0.0017
 sy_t1	8.8502e-05
 sy_t2_li	1.4409e-04
 Tamostra	5
 tank	<i>1x1 struct</i>
 Td	0.0790
 tempo	<i>1x100 double</i>
 Theta_m_max	72
 Theta_m_min	45
 Ti	0.3160
 trail	'./results/PS/h005-T2...
 ts	<i>1x100 double</i>
Ts	5
Tsim	500
u	<i>100x1 double</i>
y	<i>41x1 double</i>