











































































Name 	Value
 alpha	4.7059e-05
 Am	<i>1x100 double</i>
 Am_max	5
 Am_min	2
 Ami	7.5361
 ans	<i>1x1 Figure</i>
 beta	3.6266e-05
 data_horario_test	'2022-08-14 T23-37-08'
 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	8.3288e-08
 h	<i>100x1 double</i>
 H	100
 h0	0.2010
 i	100
 l_pid	0.0322
 l_t1	0.0306
 l_t2_li	0.0305
 IAE_pid	6.0932
 IAE_t1	4.8102
 IAE_t2_li	4.6745
 IG_pid	2.8041
 IG_t1	1.8702
 IG_t2_li	1.8488
 ISE_pid	3.2210
 ISE_t1	3.0552
ISE_t2_li	3.0477
ITAE_pid	590.1814
ITAE_t1	441.6067
ITAE_t2_li	420.6806
ITSE_pid	22.8419

Name 	Value
 ITSE_t1	11.9982
 ITSE_t2_li	10.7449
 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	0.0500
 patamar	0.1000
 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	20.1047
 simName	'Sinusoidal_Noise'
 su_pid	1.5338e-09
 su_t1	6.5866e-10
 su_t2_li	6.1777e-10
 sy_pid	0.0031
 sy_t1	0.0021
 sy_t2_li	0.0020
 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>