











































































Name 	Value
 alpha	4.7045e-05
 Am	<i>1x100 double</i>
 Am_max	5
 Am_min	2
 Ami	7.5383
 ans	<i>1x1 Figure</i>
 beta	3.6255e-05
 data_horario_test	'2022-08-14 T22-50-27'
 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	8.3263e-08
 h	<i>100x1 double</i>
 H	100
 h0	0.0538
 i	100
 l_pid	0.0325
 l_t1	0.0305
 l_t2_li	0.0305
 IAE_pid	6.6553
 IAE_t1	5.0352
 IAE_t2_li	4.9749
 IG_pid	1.7431
 IG_t1	0.7965
 IG_t2_li	0.8775
 ISE_pid	3.2533
 ISE_t1	3.0546
ISE_t2_li	3.0514
ITAE_pid	829.0802
ITAE_t1	529.8365
ITAE_t2_li	500.8979
ITSE_pid	35.7033

Name 	Value
 ITSE_t1	14.2196
 ITSE_t2_li	12.3068
 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	0.0200
 rate	1x100 double
 ref	1x100 double
 ref_type	'st'
 rr_ss	1x100 double
 ruido_db_level	8.4237
 simName	'Sinusoidal_Noise'
 su_pid	9.9292e-10
 su_t1	1.1209e-10
 su_t2_li	1.4243e-10
 sy_pid	0.0017
 sy_t1	8.9105e-05
 sy_t2_li	1.4402e-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