Group 30331

Models for the miniproject entitled „**Experimental studies regarding the model robustness**".

No	Work data		
	$P(s) = \dfrac{ke^{-T_m s}}{T_1 s + 1}$	$P(s) = \dfrac{ke^{-T_m s}}{(T_1 s + 1)(T_2 s + 1)}$	$P(s) = \dfrac{ke^{-T_m s}}{(T_1 s + 1)(T_2 s + 1)(T_3 s + 1)\cdots(T_{na} s + 1)}$
1.	**Badisor S. Madalina Alexandra**		
	K=0.08; T_m=28 sec T_1 =42 sec	k=0.8 T_m =2 sec T_1 = 0.5 sec T_2 = 1.8 sec	k = 1.08; T_m = 2 sec T_1= 2 sec; T_2= 11 sec T_3=0.76 sec T_4=0.04 sec
2.	**Barabas C. Antoniu**		
	K=0.54; T_m=34 sec T_1 =125 sec	k=0.38 T_m =11 sec T_1 = 0.45 sec T_2 = 8 sec	k=0.98; T_m = 6 sec T_1= 72 sec; T_2= 12 sec T_3=0.2 sec T_4=0.04 sec
3.	**Barabas V. Szabolcs**		
	K=1.54; T_m=29 sec T_1 =11 sec	k=0.84 T_m =11 sec T_1 = 35 sec T_2 = 8 sec	k=0.98; T_m = 1.4 sec T_1= 42 sec; T_2= 102 sec T_3=0.2 sec T_4=0.344 sec
4.	**Belea G. Tudor Cristian**		
	K=0.54; T_m=8 sec T_1 =115 sec	k=0.438 T_m =16 sec T_1 = 1.3 sec T_2 = 11.6 sec	k=0.78; T_m = 0.12 sec T_1= 2 sec; T_2= 14 sec T_3=2.12 sec T_4=1.04 sec
5.	**Calian I. Andrei Bogdan**		
	K=1.54; T_m=26 sec T_1 =195 sec	k=0.38 T_m =2 sec T_1 = 18.3 sec T_2 = 6 sec	k=0.98; T_m = 4 sec T_1= 5 sec; T_2= 312 sec T_3=3.2 sec T_4=7.04 sec
6.	**Cociuba I. Andrei**		
	K=-0.54; T_m=16 sec T_1 =135 sec	k=0.38 T_m =18 sec T_1 = 0.3 sec T_2 = 68 sec	k=0.98; T_m = 6 sec T_1= 2 sec; T_2= 112 sec T_3=6.2 sec T_4=3.04 sec
7.	**Crisan M. Vlad**		
	K=0.154; T_m=27 sec T_1 =191 sec	k=0.738 T_m =34 sec T_1 = 92 sec	k=1.98; T_m = 6.3 sec T_1= 13 sec;

		$T_2 = 27$ sec	$T_2 = 176$ sec $T_3 = 6$ sec $T_4 = 1.54$ sec
8.	**Cristian S. Catalin - Andrei**		
	$K = 0.54$; $T_m = 52$ sec $T_1 = 179$ sec	$k = 0.38$ $T_m = 2.9$ sec $T_1 = 2.3$ sec $T_2 = 58$ sec	$k = -0.75$; $T_m = 7$ sec $T_1 = 342$ sec; $T_2 = 138$ sec $T_3 = 2$ sec $T_4 = 7.97$ sec
9.	**Dosa Z. Ildiko**		
	$K = 0.87$; $T_m = 15$ sec $T_1 = 1745$ sec	$k = -0.86$ $T_m = 52$ sec $T_1 = 0.3$ sec $T_2 = 89$ sec	$k = 1.098$; $T_m = 44$ sec $T_1 = 322$ sec; $T_2 = 612$ sec $T_3 = 2$ sec $T_4 = 24$ sec
10.	**Fratila G. Claudiu Sorin**		
	$K = 0.54$; $T_m = 11$ sec $T_1 = 65$ sec	$k = 0.38$ $T_m = 62$ sec $T_1 = 631$ sec $T_2 = 200$ sec	$k = 0.98$; $T_m = 34$ sec $T_1 = 832$ sec; $T_2 = 12$ sec $T_3 = 112$ sec $T_4 = 4$ sec
11.	**Genis C. Bogdan Dumitru Ionut**		
	$K = 0.554$; $T_m = 201$ sec $T_1 = 164$ sec	$k = 0.38$ $T_m = 22$ sec $T_1 = 3.3$ sec $T_2 = 92$ sec	$k = 1.98$; $T_m = 13$ sec $T_1 = 92$ sec; $T_2 = 312$ sec $T_3 = 2$ sec $T_4 = 7$ sec
12.	**Iozan N. Miklos Gergo**		
	$K = 1.54$; $T_m = 49$ sec $T_1 = 215$ sec	$k = 0.838$ $T_m = 15$ sec $T_1 = 14$ sec $T_2 = 4$ sec	$k = 0.958$; $T_m = 7$ sec $T_1 = 42$ sec; $T_2 = 23$ sec $T_3 = 1.2$ sec $T_4 = 80.4$ sec
13.	**Kis S. Odon Istvan**		
	$K = -3.49$; $T_m = 27.5$ sec $T_1 = 436$ sec	$k = 0.638$ $T_m = 31.6$ sec $T_1 = 8.3$ sec $T_2 = 28$ sec	$k = -1.98$; $T_m = 17.4$ sec $T_1 = 4.2$ sec; $T_2 = 12$ sec $T_3 = 6.2$ sec $T_4 = 81.04$ sec
14.	**Laslau T. Mihaela Daniela**		
	$K = 0.54$; $T_m = 12.8$ sec $T_1 = 216$ sec	$K = 0.38$ $T_m = 21$ sec $T_1 = 71.3$ sec $T_2 = 83$ sec	$k = 0.98$; $T_m = 14$ sec $T_1 = 2$ sec; $T_2 = 92$ sec $T_3 = 0.2$ sec $T_4 = 7.09$ sec
15.	**Laze L. Lucian**		

	K=1.04; T_m=43 sec T_1=267 sec	k=0.97 T_m=16 sec T_1= 9 sec T_2= 47 sec	k=0.48; T_m= 59 sec T_1= 712 sec; T_2= 112 sec T_3=2 sec T_4=14 sec
16.	**Moldovan G. Adina**		
	K=0.76; T_m=48.7 sec T_1=135 sec	k=0.38 T_m=12 sec T_1= 110 sec T_2= 81 sec	k=1.28; T_m= 37 sec T_1= 554 sec; T_2= 172 sec T_3=8 sec T_4=14 sec
17.	**Moza F. Razvan Mihai**		
	K=0.84; T_m=65 sec T_1=715 sec	k=1.138 T_m=45 sec T_1= 28 sec T_2= 128 sec	k=0.989; T_m= 87 sec T_1= 1148 sec; T_2= 32 sec T_3=75 sec T_4=14 sec
18.	**Muresan D. Florin Petru**		
	K=1.089; T_m=42 sec T_1=175 sec	k=0.38 T_m=52 sec T_1= 93.3 sec T_2= 148 sec	k=0.98; T_m= 14 sec T_1= 2 sec; T_2= 82 sec T_3=2.2 sec T_4=5.04 sec
19.	**Nertan N. Lucian Teofil**		
	K=0.894; T_m=33 sec T_1=405 sec	k=1.638 T_m=51 sec T_1= 438 sec T_2= 953 sec	k=-0.9897; T_m= 65 sec T_1= 634 sec; T_2= 132 sec T_3=12 sec T_4=27 sec
20.	**Oprinca F. Ovidiu - Florin**		
	K=0.54; T_m=11.9 sec T_1=125 sec	k=0.38 T_m=12 sec T_1= 12.3 sec T_2= 68 sec	k=1.098; T_m= 52 sec T_1= 112 sec; T_2= 712 sec T_3=25 sec T_4=14 sec
21.	**Pall A. Elod**		
	K=1.64; T_m=29 sec T_1=149 sec	k=1.843 T_m=45 sec T_1= 12 sec T_2= 161 sec	k=0.73; T_m= 24.9 sec T_1= 21 sec; T_2= 503 sec T_3=12 sec T_4=24 sec
22.	**Popa V. Simona**		
	K=1.54; T_m=34 sec T_1=322 sec	k=0.38 T_m=54 sec T_1= 601 sec T_2= 12 sec	k=0.778; T_m= 44 sec T_1= 123 sec; T_2= 1104 sec T_3=25 sec

			T_4=63 sec
23.	**Popovici S. Lavinia Teodora**		
	K=0.54; T_m=39 sec T_1 =295 sec	k=0.738 T_m =22 sec T_1 = 353 sec T_2 = 18 sec	k=1.98; T_m = 73 sec T_1= 12 sec; T_2= 622 sec T_3=5.7 sec T_4=14 sec
24.	**Stefan I. Adrian Ioan**		
	K=1.74; T_m=32 sec T_1 =285 sec	k=1.138 T_m =75 sec T_1 = 723 sec T_2 = 8 sec	k=0.933; T_m = 14 sec T_1= 64 sec; T_2= 213 sec T_3=1 sec T_4=5 sec
25.	**Stoicovici I. Alin**		
	K=0.76; T_m=37.4 sec T_1 =89 sec	k=1.28 T_m =32 sec T_1 = 89 sec T_2 = 1098 sec	k=0.198; T_m = 4 sec T_1= 21 sec; T_2= 112 sec T_3=0.2 sec T_4=0.04 sec
26.	**Găvrişan Andrei**		
	k=2.76; T_m=104 sec T_1 =69 sec	k=2.78 T_m =102 sec T_1 = 89 sec T_2 = 1098 sec	k=2.198; T_m = 57 sec T_1= 479 sec; T_2= 949 sec T_3=62 sec T_4=34 sec
27.	**Tobak B. Denes Tamas**		
	k=1.16; T_m=114 sec T_1 =66 sec	k=1.78 T_m =112 sec T_1 = 79 sec T_2 = 1198 sec	k=1.198; T_m = 50 sec T_1= 479 sec; T_2= 909 sec T_3=62 sec T_4=34 sec
28.	**Torok A. Sandor Peter**		
	k=0.76; T_m=104 sec T_1 =69 sec	k=0.78 T_m =112 sec T_1 = 87 sec T_2 = 1298 sec	k=0.98; T_m = 51 sec T_1= 479 sec; T_2= 879 sec T_3=52 sec T_4=24 sec
29.	**Vaidean A. Alexandru**		
	k=1.16; T_m=124 sec T_1 =63 sec	k=1.08 T_m =132 sec T_1 = 89 sec T_2 = 1008 sec	k=1.098; T_m = 55 sec T_1= 477 sec; T_2= 919 sec T_3=62 sec T_4=32 sec

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