

Grupa 30132

Modelele pentru miniproiectul cu titlul „**Studii experimentale asupra robusteții modelelor**”.

Nr. crt	Date de lucru		
	$P(s) = \frac{ke^{-T_m s}}{T_1 s + 1}$	$P(s) = \frac{ke^{-T_m s}}{(T_1 s + 1)(T_2 s + 1)}$	$P(s) = \frac{ke^{-T_m s}}{(T_1 s + 1)(T_2 s + 1)(T_3 s + 1) \cdots (T_{na} s + 1)}$
1.	Ardelean I. Alin- Alexandru		
	k=0.08; T _m =23 sec T ₁ =10 sec	k=0.8 T _m =2 sec T ₁ = 0.03 sec T ₂ = 0.8 sec	K=1.08; T _m = 2 sec T ₁ = 2 sec; T ₂ = 8 sec T ₃ =0.3 sec T ₄ =0.04 sec
2.	Avram A. Ionut Alexandru		
	k=0.54; T _m =10 sec T ₁ =105 sec	k=0.38 T _m =2 sec T ₁ = 0.3 sec T ₂ = 8 sec	K=0.98; T _m = 4 sec T ₁ = 2 sec; T ₂ = 12 sec T ₃ =0.2 sec T ₄ =0.04 sec
3.	Bagoly M. Levente Tibor		
	k=1.54; T _m =1 sec T ₁ =15 sec	k=0.84 T _m =12 sec T ₁ = 3 sec T ₂ = 8 sec	K=0.98; T _m = 0.4 sec T ₁ = 32 sec; T ₂ = 12 sec T ₃ =0.2 sec T ₄ =0.344 sec
4.	Bilibok A. Szabolcs Istvan		
	k=0.54; T _m =2 sec T ₁ =105 sec	k=0.438 T _m =12 sec T ₁ = 0.3 sec T ₂ = 9.6 sec	K=0.78; T _m = 0.12 sec T ₁ = 2 sec; T ₂ = 12 sec T ₃ =0.12 sec T ₄ =0.04 sec
5.	Bora P. Paul George		
	k=1.54; T _m =22 sec T ₁ =15 sec	k=0.38 T _m =2 sec T ₁ = 0.3 sec T ₂ = 8 sec	K=0.98; T _m = 4 sec T ₁ = 2 sec; T ₂ = 12 sec T ₃ =0.2 sec T ₄ =0.04 sec
6.	Caracaleanu F. Oana - Maria		
	k=-0.54; T _m =11 sec T ₁ =105 sec	k=0.38 T _m =12 sec T ₁ = 0.3 sec T ₂ = 8 sec	K=0.98; T _m = 4 sec T ₁ = 2 sec; T ₂ = 12 sec T ₃ =0.2 sec T ₄ =0.04 sec
7.	Chiorean V. Vlad Andrei		
	k=0.154;	k=0.738	K=1.98;

	$T_m=17$ sec $T_1=95$ sec	$T_m=34$ sec $T_1=2$ sec $T_2=17$ sec	$T_m=0.3$ sec $T_1=13$ sec; $T_2=76$ sec $T_3=2$ sec $T_4=0.54$ sec
8.	Cotan V. Vladut Vasile		
	$k=0.54$; $T_m=2$ sec $T_1=105$ sec	$k=0.38$ $T_m=2$ sec $T_1=0.3$ sec $T_2=8$ sec	$K=-0.75$; $T_m=5$ sec $T_1=42$ sec; $T_2=128$ sec $T_3=2$ sec $T_4=0.97$ sec
9.	Dan I. Octavian Ion		
	$k=0.87$; $T_m=75$ sec $T_1=1055$ sec	$k=-0.86$ $T_m=2$ sec $T_1=0.3$ sec $T_2=58$ sec	$K=1.098$; $T_m=4$ sec $T_1=22$ sec; $T_2=312$ sec $T_3=2$ sec $T_4=4$ sec
10.	Dragan V. Valentin		
	$k=0.54$; $T_m=12$ sec $T_1=62$ sec	$k=0.38$ $T_m=12$ sec $T_1=23$ sec $T_2=200$ sec	$K=0.98$; $T_m=4$ sec $T_1=432$ sec; $T_2=12$ sec $T_3=2$ sec $T_4=4$ sec
11.	Frentiu G. Gavril Marius		
	$k=0.554$; $T_m=22$ sec $T_1=105$ sec	$k=0.38$ $T_m=22$ sec $T_1=1.3$ sec $T_2=7$ sec	$K=1.98$; $T_m=3$ sec $T_1=2$ sec; $T_2=112$ sec $T_3=0.2$ sec $T_4=0.04$ sec
12.	Grozav T. Ioan		
	$k=1.54$; $T_m=60$ sec $T_1=105$ sec	$k=0.838$ $T_m=5$ sec $T_1=4$ sec $T_2=8$ sec	$K=0.958$; $T_m=4$ sec $T_1=42$ sec; $T_2=23$ sec $T_3=0.2$ sec $T_4=0.04$ sec
13.	Gyorgy A. Lorant Sandor		
	$k=-3.49$; $T_m=25$ sec $T_1=166$ sec	$k=0.638$ $T_m=35$ sec $T_1=0.3$ sec $T_2=18$ sec	$K=-1.98$; $T_m=7.4$ sec $T_1=4.2$ sec; $T_2=12$ sec $T_3=0.2$ sec $T_4=0.04$ sec
14.	Hritcu N. Alin Catalin		
	$k=0.54$; $T_m=38$ sec $T_1=105$ sec	$k=0.38$ $T_m=2$ sec $T_1=0.3$ sec $T_2=8$ sec	$K=0.98$; $T_m=4$ sec $T_1=2$ sec; $T_2=12$ sec $T_3=0.2$ sec $T_4=0.09$ sec

15.	Mahara T. Viorel Titu		
	k=1.04; T _m =40 sec T ₁ =235 sec	k=0.97 T _m =56 sec T ₁ =3 sec T ₂ =6 sec	K=0.48; T _m =57 sec T ₁ =754 sec; T ₂ =12 sec T ₃ =2 sec T ₄ =4 sec
16.	Marta V. Sergiu Vasile		
	k=0.76; T _m =56 sec T ₁ =105 sec	k=0.38 T _m =2 sec T ₁ =12 sec T ₂ =81 sec	K=1.28; T _m =57 sec T ₁ =754 sec; T ₂ =189 sec T ₃ =8 sec T ₄ =14 sec
17.	Muresan A. Mihai		
	k=0.84; T _m =56 sec T ₁ =705 sec	k=1.138 T _m =45 sec T ₁ =23 sec T ₂ =8 sec	K=0.989; T _m =12 sec T ₁ =148 sec; T ₂ =12 sec T ₃ =5 sec T ₄ =14 sec
18.	Muresan D. Vlad Andrei		
	k=1.089; T _m =2 sec T ₁ =105 sec	k=0.38 T _m =2 sec T ₁ =0.3 sec T ₂ =8 sec	K=0.98; T _m =4 sec T ₁ =2 sec; T ₂ =12 sec T ₃ =0.2 sec T ₄ =0.04 sec
19.	Sas G. Diana - Monica		
	k=0.894; T _m =73 sec T ₁ =305 sec	k=1.638 T _m =54 sec T ₁ =438 sec T ₂ =1253 sec	K=-0.9897; T _m =45 sec T ₁ =634 sec; T ₂ =162 sec T ₃ =2 sec T ₄ =7 sec
20.	Sava P. Andrei Bogdan		
	k=0.54; T _m =12 sec T ₁ =105 sec	k=0.38 T _m =2 sec T ₁ =0.3 sec T ₂ =8 sec	K=1.098; T _m =12 sec T ₁ =12 sec; T ₂ =762 sec T ₃ =5 sec T ₄ =14 sec
21.	Seer M. Zoltan		
	k=1.64; T _m =19 sec T ₁ =185 sec	k=1.843 T _m =55 sec T ₁ =1 sec T ₂ =7 sec	K=0.73; T _m =34 sec T ₁ =2 sec; T ₂ =543 sec T ₃ =12 sec T ₄ =24 sec
22.	Slivinschii A. Igor		
	k=1.54; T _m =33 sec T ₁ =361 sec	k=0.38 T _m =58 sec T ₁ =462 sec	K=0.778; T _m =4 sec T ₁ =123 sec;

		$T_2 = 12 \text{ sec}$	$T_2 = 954 \text{ sec}$ $T_3 = 25 \text{ sec}$ $T_4 = 63 \text{ sec}$
23.	Stan I. Armand Augustin		
	$k = 0.54$; $T_m = 29 \text{ sec}$ $T_1 = 105 \text{ sec}$	$k = 0.738$ $T_m = 12 \text{ sec}$ $T_1 = 323 \text{ sec}$ $T_2 = 8 \text{ sec}$	$K = 1.98$; $T_m = 23 \text{ sec}$ $T_1 = 2 \text{ sec}$; $T_2 = 652 \text{ sec}$ $T_3 = 5.7 \text{ sec}$ $T_4 = 14 \text{ sec}$
24.	Tascau A. Vlad		
	$k = 1.74$; $T_m = 62 \text{ sec}$ $T_1 = 185 \text{ sec}$	$k = 1.138$ $T_m = 25 \text{ sec}$ $T_1 = 573 \text{ sec}$ $T_2 = 8 \text{ sec}$	$K = 0.933$; $T_m = 4 \text{ sec}$ $T_1 = 64 \text{ sec}$; $T_2 = 243 \text{ sec}$ $T_3 = 9 \text{ sec}$ $T_4 = 5 \text{ sec}$
25.	Varga J. Attila Jeno		
	$k = 0.76$; $T_m = 34 \text{ sec}$ $T_1 = 105 \text{ sec}$	$k = 1.28$ $T_m = 12 \text{ sec}$ $T_1 = 189 \text{ sec}$ $T_2 = 1198 \text{ sec}$	$K = 0.198$; $T_m = 4 \text{ sec}$ $T_1 = 2 \text{ sec}$; $T_2 = 12 \text{ sec}$ $T_3 = 0.02 \text{ sec}$ $T_4 = 0.004 \text{ sec}$
26.	Zsurzsa S. Laszlo- Andras		
	$k = 2.76$; $T_m = 134 \text{ sec}$ $T_1 = 115 \text{ sec}$	$k = 2.78$ $T_m = 112 \text{ sec}$ $T_1 = 789 \text{ sec}$ $T_2 = 1198 \text{ sec}$	$K = 2.198$; $T_m = 54 \text{ sec}$ $T_1 = 472 \text{ sec}$; $T_2 = 947 \text{ sec}$ $T_3 = 12 \text{ sec}$ $T_4 = 34 \text{ sec}$