

Grupa 30131

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.	Banhegyesy C. Antal		
	k=0.08; T _m =23 sec T ₁ =40 sec	k=0.8 T _m =2 sec T ₁ =0.3 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.	Becea G. George Toma		
	k=0.54; T _m =24 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 =62 sec; T ₂ =12 sec T ₃ =0.2 sec T ₄ =0.04 sec
3.	Buciu G. Radu Silviu		
	k=1.54; T _m =26 sec T ₁ =15 sec	k=0.84 T _m =12 sec T ₁ =25 sec T ₂ =8 sec	k=0.98; T _m =0.4 sec T ₁ =32 sec; T ₂ =92 sec T ₃ =0.2 sec T ₄ =0.344 sec
4.	Cretu S. Mihai Stefan		
	k=0.54; T _m =6 sec T ₁ =105 sec	k=0.438 T _m =12 sec T ₁ =1.3 sec T ₂ =9.6 sec	k=0.78; T _m =0.12 sec T ₁ =2 sec; T ₂ =12 sec T ₃ =2.12 sec T ₄ =0.04 sec
5.	Gatea M. Iulia		
	k=1.54; T _m =22 sec T ₁ =155 sec	k=0.38 T _m =2 sec T ₁ =13.3 sec T ₂ =8 sec	k=0.98; T _m =4 sec T ₁ =2 sec; T ₂ =312 sec T ₃ =0.2 sec T ₄ =0.04 sec
6.	Gebe I. Szilard		
	k=-0.54; T _m =18 sec T ₁ =125 sec	k=0.38 T _m =12 sec T ₁ =0.3 sec T ₂ =38 sec	k=0.98; T _m =4 sec T ₁ =2 sec; T ₂ =112 sec T ₃ =0.2 sec T ₄ =0.04 sec
7.	Govor D. Cosmin Dumitru		
	k=0.154; T _m =17 sec T ₁ =195 sec	k=0.738 T _m =34 sec T ₁ =72 sec	k=1.98; T _m =0.3 sec T ₁ =13 sec;

		$T_2 = 17 \text{ sec}$	$T_2 = 176 \text{ sec}$ $T_3 = 2 \text{ sec}$ $T_4 = 0.54 \text{ sec}$
8.	Hanc D. Radu Mihai		
	$k=0.54;$ $T_m=72 \text{ sec}$ $T_1=105 \text{ sec}$	$k=0.38$ $T_m = 2 \text{ sec}$ $T_1 = 0.3 \text{ sec}$ $T_2 = 58 \text{ sec}$	$k=-0.75;$ $T_m = 5 \text{ sec}$ $T_1 = 342 \text{ sec};$ $T_2 = 128 \text{ sec}$ $T_3 = 2 \text{ sec}$ $T_4 = 0.97 \text{ sec}$
9.	Joo T. Szilamer Csongor		
	$k=0.87;$ $T_m=5 \text{ sec}$ $T_1 = 1055 \text{ sec}$	$k=-0.86$ $T_m = 62 \text{ sec}$ $T_1 = 0.3 \text{ sec}$ $T_2 = 58 \text{ sec}$	$k=1.098;$ $T_m = 44 \text{ sec}$ $T_1 = 22 \text{ sec};$ $T_2 = 312 \text{ sec}$ $T_3 = 2 \text{ sec}$ $T_4 = 4 \text{ sec}$
10.	Karda C. Istvan- Csaba		
	$k=0.54;$ $T_m=12 \text{ sec}$ $T_1 = 69 \text{ sec}$	$k=0.38$ $T_m = 12 \text{ sec}$ $T_1 = 231 \text{ sec}$ $T_2 = 200 \text{ sec}$	$k=0.98;$ $T_m = 4 \text{ sec}$ $T_1 = 832 \text{ sec};$ $T_2 = 12 \text{ sec}$ $T_3 = 2 \text{ sec}$ $T_4 = 4 \text{ sec}$
11.	Lazea M. Bogdan Alexandru		
	$k=0.554;$ $T_m=212 \text{ sec}$ $T_1 = 105 \text{ sec}$	$k=0.38$ $T_m = 22 \text{ sec}$ $T_1 = 1.3 \text{ sec}$ $T_2 = 72 \text{ sec}$	$k=1.98;$ $T_m = 3 \text{ sec}$ $T_1 = 92 \text{ sec};$ $T_2 = 112 \text{ sec}$ $T_3 = 2 \text{ sec}$ $T_4 = 7 \text{ sec}$
12.	Nagy M. Arpad		
	$k=1.54;$ $T_m=69 \text{ sec}$ $T_1 = 105 \text{ sec}$	$k=0.838$ $T_m = 5 \text{ sec}$ $T_1 = 14 \text{ sec}$ $T_2 = 8 \text{ sec}$	$k=0.958;$ $T_m = 4 \text{ sec}$ $T_1 = 42 \text{ sec};$ $T_2 = 23 \text{ sec}$ $T_3 = 1.2 \text{ sec}$ $T_4 = 8.04 \text{ sec}$
13.	Ordace I. Anamaria		
	$k=-3.49;$ $T_m=25 \text{ sec}$ $T_1 = 466 \text{ sec}$	$k=0.638$ $T_m = 35 \text{ sec}$ $T_1 = 8.3 \text{ sec}$ $T_2 = 18 \text{ sec}$	$k=-1.98;$ $T_m = 7.4 \text{ sec}$ $T_1 = 4.2 \text{ sec};$ $T_2 = 12 \text{ sec}$ $T_3 = 6.2 \text{ sec}$ $T_4 = 1.04 \text{ sec}$
14.	Parjea V. Virgil Ovidiu		
	$k=0.54;$ $T_m=15 \text{ sec}$ $T_1 = 105 \text{ sec}$	$K=0.38$ $T_m = 2 \text{ sec}$ $T_1 = 7.3 \text{ sec}$ $T_2 = 8 \text{ sec}$	$k=0.98;$ $T_m = 4 \text{ sec}$ $T_1 = 2 \text{ sec};$ $T_2 = 92 \text{ sec}$ $T_3 = 0.2 \text{ sec}$ $T_4 = 0.09 \text{ sec}$
15.	Peter B. Renata		

	k=1.04; T _m =40 sec T ₁ =215 sec	k=0.97 T _m =56 sec T ₁ = 3 sec T ₂ = 56 sec	k=0.48; T _m = 57 sec T ₁ = 754 sec; T ₂ = 112 sec T ₃ =2 sec T ₄ =4 sec
16.	Petrea V. Viorel		
	k=0.76; T _m =56 sec T ₁ =115 sec	k=0.38 T _m =2 sec T ₁ = 10 sec T ₂ = 81 sec	k=1.28; T _m = 57 sec T ₁ = 554 sec; T ₂ = 189 sec T ₃ =8 sec T ₄ =14 sec
17.	Pop G. Mihai Ilie		
	k=0.84; T _m =56 sec T ₁ =745 sec	k=1.138 T _m =45 sec T ₁ = 23 sec T ₂ = 118 sec	k=0.989; T _m = 92 sec T ₁ = 1148 sec; T ₂ = 12 sec T ₃ =5 sec T ₄ =14 sec
18.	Rad I. Marius		
	k=1.089; T _m =32 sec T ₁ =105 sec	k=0.38 T _m =2 sec T ₁ = 3.3 sec T ₂ = 8 sec	k=0.98; T _m = 4 sec T ₁ = 2 sec; T ₂ = 32 sec T ₃ =0.2 sec T ₄ =0.04 sec
19.	Sarmas I. Vasile- Lucian		
	k=0.894; T _m =23 sec T ₁ =305 sec	k=1.638 T _m =54 sec T ₁ = 438 sec T ₂ = 1053 sec	k=-0.9897; T _m = 45 sec T ₁ = 634 sec; T ₂ = 102 sec T ₃ =2 sec T ₄ =7 sec
20.	Simonca M. Florin		
	k=0.54; T _m =12 sec T ₁ =175 sec	k=0.38 T _m =2 sec T ₁ = 2.3 sec T ₂ = 8 sec	k=1.098; T _m = 12 sec T ₁ = 12 sec; T ₂ = 712 sec T ₃ =5 sec T ₄ =14 sec
21.	Stanus D. Cristian		
	k=1.64; T _m =19 sec T ₁ =125 sec	k=1.843 T _m =55 sec T ₁ = 1 sec T ₂ = 11 sec	k=0.73; T _m = 34 sec T ₁ = 21 sec; T ₂ = 543 sec T ₃ =12 sec T ₄ =24 sec
22.	Tap L. Adrian - Ovidiu		
	k=1.54; T _m =33 sec T ₁ =311 sec	k=0.38 T _m =58 sec T ₁ = 622 sec T ₂ = 12 sec	k=0.778; T _m = 4 sec T ₁ = 123 sec; T ₂ = 1154 sec T ₃ =25 sec

			$T_4=63$ sec
23.	Toma I. Alexandra		
	k=0.54; $T_m=29$ sec $T_1=195$ sec	k=0.738 $T_m=12$ sec $T_1=323$ sec $T_2=18$ sec	k=1.98; $T_m=23$ sec $T_1=12$ sec; $T_2=652$ sec $T_3=5.7$ sec $T_4=14$ sec
24.	Vlasea L. Mihai- Vlad		
	k=1.74; $T_m=62$ sec $T_1=185$ sec	k=1.138 $T_m=25$ sec $T_1=573$ sec $T_2=8$ sec	k=0.933; $T_m=4$ sec $T_1=64$ sec; $T_2=243$ sec $T_3=1$ sec $T_4=5$ sec
25.			
	k=0.76; $T_m=34$ sec $T_1=95$ sec	k=1.28 $T_m=12$ sec $T_1=189$ sec $T_2=1398$ sec	k=0.198; $T_m=4$ sec $T_1=2$ sec; $T_2=12$ sec $T_3=0.2$ sec $T_4=0.04$ sec
26.			
	k=2.76; $T_m=134$ sec $T_1=65$ sec	k=2.78 $T_m=112$ sec $T_1=89$ sec $T_2=1198$ sec	k=2.198; $T_m=54$ sec $T_1=472$ sec; $T_2=947$ sec $T_3=62$ sec $T_4=34$ sec