

Grupa 30031

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.	Balint R. Gabor		
	k=0.08; T _m =23 sec T ₁ =43 sec	k=0.8 T _m =2 sec T ₁ =0.3 sec T ₂ =1.8 sec	k=1.08; T _m =2 sec T ₁ =2 sec; T ₂ =18 sec T ₃ =0.3 sec T ₄ =0.04 sec
2.	Balog I. Iosif - Simion		
	k=0.54; T _m =24 sec T ₁ =115 sec	k=0.38 T _m =12 sec T ₁ =1.3 sec T ₂ =8 sec	k=0.98; T _m =4 sec T ₁ =52 sec; T ₂ =22 sec T ₃ =0.2 sec T ₄ =0.04 sec
3.	Banyai G. Szilard Benjamin		
	k=1.54; T _m =23 sec T ₁ =15 sec	k=0.84 T _m =12 sec T ₁ =22 sec T ₂ =8 sec	k=0.98; T _m =0.4 sec T ₁ =32 sec; T ₂ =99 sec T ₃ =0.2 sec T ₄ =0.344 sec
4.	Bud V. Florian Vasile		
	k=0.54; T _m =6 sec T ₁ =95 sec	k=0.438 T _m =12 sec T ₁ =1.3 sec T ₂ =19.6 sec	k=0.78; T _m =1.12 sec T ₁ =2 sec; T ₂ =12 sec T ₃ =2.12 sec T ₄ =1.04 sec
5.	Cartis D. Adrian- Dumitru		
	k=1.54; T _m =22 sec T ₁ =125 sec	k=0.38 T _m =2 sec T ₁ =14.3 sec T ₂ =8 sec	k=0.98; T _m =4 sec T ₁ =2 sec; T ₂ =212 sec T ₃ =0.2 sec T ₄ =0.04 sec
6.	Chereji L. Marius Liviu		
	k=-0.54; T _m =18 sec T ₁ =145 sec	k=0.38 T _m =12 sec T ₁ =0.3 sec T ₂ =48 sec	k=0.98; T _m =4 sec T ₁ =2 sec; T ₂ =212 sec T ₃ =0.2 sec T ₄ =0.04 sec
7.	Csikos I. Tamas - Otto		
	k=0.154; T _m =17 sec T ₁ =175 sec	k=0.738 T _m =34 sec T ₁ =72 sec	k=1.98; T _m =7.3 sec T ₁ =13 sec;

		$T_2 = 19 \text{ sec}$	$T_2 = 176 \text{ sec}$ $T_3 = 2 \text{ sec}$ $T_4 = 1.54 \text{ sec}$
8.	Deme A. Alexandru		
	$k = 0.54$; $T_m = 72 \text{ sec}$ $T_1 = 275 \text{ sec}$	$k = 0.38$ $T_m = 2 \text{ sec}$ $T_1 = 3.3 \text{ sec}$ $T_2 = 58 \text{ sec}$	$k = -0.75$; $T_m = 15 \text{ sec}$ $T_1 = 242 \text{ sec}$; $T_2 = 128 \text{ sec}$ $T_3 = 2 \text{ sec}$ $T_4 = 0.97 \text{ sec}$
9.	Denes V. Levente Adam		
	$k = 0.87$; $T_m = 15 \text{ sec}$ $T_1 = 1355 \text{ sec}$	$k = -0.86$ $T_m = 62 \text{ sec}$ $T_1 = 3.3 \text{ sec}$ $T_2 = 58 \text{ sec}$	$k = 1.098$; $T_m = 44 \text{ sec}$ $T_1 = 24 \text{ sec}$; $T_2 = 312 \text{ sec}$ $T_3 = 2 \text{ sec}$ $T_4 = 4 \text{ sec}$
10.	Eszlari I. Daniel Claudiu		
	$k = 0.54$; $T_m = 12 \text{ sec}$ $T_1 = 64 \text{ sec}$	$k = 0.38$ $T_m = 12 \text{ sec}$ $T_1 = 231 \text{ sec}$ $T_2 = 22 \text{ sec}$	$k = 0.98$; $T_m = 4 \text{ sec}$ $T_1 = 802 \text{ sec}$; $T_2 = 12 \text{ sec}$ $T_3 = 2 \text{ sec}$ $T_4 = 4 \text{ sec}$
11.	Fersiganu P. Andrei Marcel		
	$k = 0.554$; $T_m = 212 \text{ sec}$ $T_1 = 165 \text{ sec}$	$k = 0.38$ $T_m = 22 \text{ sec}$ $T_1 = 1.3 \text{ sec}$ $T_2 = 92 \text{ sec}$	$k = 1.98$; $T_m = 3 \text{ sec}$ $T_1 = 92 \text{ sec}$; $T_2 = 120 \text{ sec}$ $T_3 = 2 \text{ sec}$ $T_4 = 7 \text{ sec}$
12.	Jaczola F. Ferenc Jozsef		
	$k = 1.54$; $T_m = 69 \text{ sec}$ $T_1 = 89 \text{ sec}$	$k = 0.838$ $T_m = 5 \text{ sec}$ $T_1 = 19 \text{ sec}$ $T_2 = 8 \text{ sec}$	$k = 0.958$; $T_m = 10 \text{ sec}$ $T_1 = 42 \text{ sec}$; $T_2 = 27 \text{ sec}$ $T_3 = 1.2 \text{ sec}$ $T_4 = 8.04 \text{ sec}$
13.	Kasa I. Jozsef		
	$k = -3.49$; $T_m = 25 \text{ sec}$ $T_1 = 416 \text{ sec}$	$k = 0.638$ $T_m = 35 \text{ sec}$ $T_1 = 8.3 \text{ sec}$ $T_2 = 11 \text{ sec}$	$k = -1.98$; $T_m = 17.4 \text{ sec}$ $T_1 = 4.2 \text{ sec}$; $T_2 = 92 \text{ sec}$ $T_3 = 6.2 \text{ sec}$ $T_4 = 1.04 \text{ sec}$
14.	Kato S. Stefan		
	$k = 0.54$; $T_m = 15 \text{ sec}$ $T_1 = 85 \text{ sec}$	$K = 0.38$ $T_m = 2 \text{ sec}$ $T_1 = 9.3 \text{ sec}$ $T_2 = 8 \text{ sec}$	$k = 0.98$; $T_m = 4 \text{ sec}$ $T_1 = 23 \text{ sec}$; $T_2 = 62 \text{ sec}$ $T_3 = 0.2 \text{ sec}$ $T_4 = 0.09 \text{ sec}$
15.	Major A. Tamas		

	k=1.04; T _m =40 sec T ₁ =205 sec	k=0.97 T _m =56 sec T ₁ = 3 sec T ₂ = 59 sec	k=0.48; T _m = 57 sec T ₁ = 754 sec; T ₂ = 132 sec T ₃ =2 sec T ₄ =4 sec
16.	Muresan M. Vlad		
	k=0.76; T _m =56 sec T ₁ =75 sec	k=0.38 T _m =2 sec T ₁ = 10 sec T ₂ = 61 sec	k=1.28; T _m = 57 sec T ₁ = 504 sec; T ₂ = 139 sec T ₃ =8 sec T ₄ =14 sec
17.	Nevezi T. Peter Lajos		
	k=0.84; T _m =56 sec T ₁ =705 sec	k=1.138 T _m =45 sec T ₁ = 43 sec T ₂ = 128 sec	k=0.989; T _m = 92 sec T ₁ = 1048 sec; T ₂ = 22 sec T ₃ =5 sec T ₄ =14 sec
18.	Olah B. Bernadett		
	k=1.089; T _m =32 sec T ₁ =218 sec	k=0.38 T _m =2 sec T ₁ = 3.3 sec T ₂ = 18 sec	k=0.98; T _m = 4 sec T ₁ = 2 sec; T ₂ = 38 sec T ₃ =0.2 sec T ₄ =0.04 sec
19.	Pandi E. Arthur Robert		
	k=0.894; T _m =53 sec T ₁ =325 sec	k=1.638 T _m =54 sec T ₁ = 438 sec T ₂ = 1453 sec	k=-0.9897; T _m = 45 sec T ₁ = 834 sec; T ₂ = 142 sec T ₃ =2 sec T ₄ =7 sec
20.	Szabo V. Vlad Mihai		
	k=0.54; T _m =12 sec T ₁ =215 sec	k=0.38 T _m =2 sec T ₁ = 2.3 sec T ₂ = 10 sec	k=1.098; T _m = 12 sec T ₁ = 112 sec; T ₂ = 712 sec T ₃ =5 sec T ₄ =14 sec
21.	Tordoi I. Ionela Raluca		
	k=1.64; T _m =19 sec T ₁ =128 sec	k=1.843 T _m =58 sec T ₁ = 1 sec T ₂ = 13 sec	k=0.73; T _m = 34 sec T ₁ = 25 sec; T ₂ = 547 sec T ₃ =12 sec T ₄ =24 sec
22.	Toth Z. Catalin		
	k=1.54; T _m =33 sec T ₁ =301 sec	k=0.38 T _m =58 sec T ₁ = 602 sec T ₂ = 32 sec	k=0.778; T _m = 4 sec T ₁ = 129 sec; T ₂ = 1104 sec T ₃ =25 sec

			$T_4=63 \text{ sec}$
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10 octombrie 2010.