

týden	pořadí	hodnota
	1	186
	2	191
	3	196
	4	206
	5	215
	6	225
	7	235
	8	248
	9	255
	10	266
	11	278
	12	295
	13	313
	14	331
	15	350
	16	368
	17	390
	18	406
	19	423
	20	438
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alfa = 0.7

pozorování	k	$y_k$	$a^k$	$k \cdot a^k$	$y_k \cdot a^k$	vyrovnání $yv_k$
1	19	186	0.00114			191.000
2	18	191	0.00163			191.000
3	17	196	0.00233			191.000
4	16	206	0.00332			201.500
5	15	215	0.00475			210.950
6	14	225	0.00678			220.785
7	13	235	0.00969			230.736
8	12	248	0.01384			242.821
9	11	255	0.01977			251.346
10	10	266	0.02825			261.604
11	9	278	0.04035			273.081
12	8	295	0.05765			288.424
13	7	313	0.08235			305.627
14	6	331	0.11765			323.388
15	5	350	0.16807			342.016
16	4	368	0.24010			360.205
17	3	390	0.34300			381.061
18	2	406	0.49000			398.518
19	1	423	0.70000			415.656
20	0	438	1.00000			431.297
210	190	5815	3.33067	0.00000	0.00000	5712.02
	$\Sigma k$	$\Sigma y_k$	$\Sigma a^k$	$\Sigma k \cdot a^k$	$\Sigma y_k \cdot a^k$	$\Sigma yv_k$

parametr a =

predikce  
hodnota

0

alfa = 0.7

$\alpha^k$

pozorování	k	$y_{20-k}$	$\alpha^k$	$y_{20-k} \cdot \alpha^k$	$k \cdot y_{20-k} \cdot \alpha^k$	$k \cdot \alpha^k$
1	19	186	0.00114	0.2120	4.0284	0.0217
2	18	191	0.00163	0.3110	5.5985	0.0293
3	17	196	0.00233	0.4560	7.7512	0.0395
4	16	206	0.00332	0.6846	10.9536	0.0532
5	15	215	0.00475	1.0207	15.3109	0.0712
6	14	225	0.00678	1.5260	21.3640	0.0950
7	13	235	0.00969	2.2769	29.5996	0.1260
8	12	248	0.01384	3.4326	41.1917	0.1661
9	11	255	0.01977	5.0422	55.4640	0.2175
10	10	266	0.02825	7.5138	75.1384	0.2825
11	9	278	0.04035	11.2183	100.9647	0.3632
12	8	295	0.05765	17.0062	136.0493	0.4612
13	7	313	0.08235	25.7769	180.4383	0.5765
14	6	331	0.11765	38.9418	233.6509	0.7059
15	5	350	0.16807	58.8245	294.1225	0.8404
16	4	368	0.24010	88.3568	353.4272	0.9604
17	3	390	0.34300	133.7700	401.3100	1.0290
18	2	406	0.49000	198.9400	397.8800	0.9800
19	1	423	0.70000	296.1000	296.1000	0.7000
20	0	438	1.00000	438.0000	0.0000	0.0000
210	190	5815	3.33067 $\Sigma \alpha^n$	1329.41036 $\Sigma \alpha^k y_{n-k}$	2660.34320 $\Sigma k \cdot \alpha^k y_{n-k}$	7.71838 $\Sigma k \cdot \alpha^n$

		čítatel	jmenovatel	
parametr	a =	36267.87533	82.73557	438.3589
parametr	b =	1400.15537	82.73557	16.9233

$k^2 \cdot \hat{\alpha}^k$	vyrovnání $yv_k$	predikce hodnota	$S_t^{[1]}$	$S_t^{[2]}$	
0.4115	191.000	438.359	431.106	423.853	0
0.5276	191.000	102.210	263.032	423.853	1
0.6723	191.000	8.366	216.110	423.853	2
0.8508	167.587	144.587	209.033	273.479	3
1.0682	184.510	195.129	213.210	231.291	4
1.3293	201.433	218.515	221.463	224.411	5
1.6374	218.357	232.897	230.939	228.981	6
1.9931	235.280	247.052	242.882	238.711	7
2.3926	252.203	255.160	251.364	247.569	8
2.8248	269.126	265.822	261.609	257.397	9
3.2686	286.050	277.789	273.083	268.377	10
3.6895	302.973	294.439	288.425	282.411	11
4.0354	319.896	312.593	305.627	298.662	12
4.2354	336.819	330.806	323.388	315.970	13
4.2018	353.743	349.830	342.016	334.203	14
3.8416	370.666	368.006	360.205	352.404	15
3.0870	387.589	389.659	381.061	372.464	16
1.9600	404.512	406.335	398.518	390.702	17
0.7000	421.436	423.142	415.656	408.170	18
0.0000	438.359	438.235	431.297	424.359	19
42.72677		454.424			1
$\Sigma k^2 \cdot \hat{\alpha}^k$		426.093			2
		433.820			3
		435.537			4
		436.292			5