

Electronic Supplementary Information

Kinetics of spin crossover with thermal hysteresis

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Reaction models

model	$f(\alpha)$
F1	$(1 - \alpha)$
F2	$(1 - \alpha)^2$
F3	$(1 - \alpha)^3$
F _n	$(1 - \alpha)^n$
R2	$2(1 - \alpha)^{1/2}$
R3	$3(1 - \alpha)^{2/3}$
D1	$1/(2\alpha)$
D2	$- [1/\ln(1 - \alpha)]$
D3	$[3(1 - \alpha)^{2/3}]/[2(1 - (1 - \alpha)^{1/3})]$
D4	$3/[2((1 - \alpha)^{-1/3} - 1)]$
B1	$\alpha(1 - \alpha)$
B _{na}	$\alpha^a(1 - \alpha)^n$
C1B	$(1 - \alpha)(1 + K_{\text{cat}}\alpha)$
C _n B	$(1 - \alpha)^n(1 + K_{\text{cat}}\alpha)$
A2	$2(1 - \alpha)[- \ln(1 - \alpha)]^{1/2}$
A3	$3(1 - \alpha)[- \ln(1 - \alpha)]^{2/3}$
A4	$4(1 - \alpha)[- \ln(1 - \alpha)]^{3/4}$
A _n	$n(1 - \alpha)[- \ln(1 - \alpha)]^{(n-1)/n}$

[FeL₂](BF₄)₂ (1^A), sample 14-1, individual cycles (summary).

cycle	$f(\alpha)$	$\log A$	E , kJ mol ⁻¹	$\log K_{\text{cat}}$	d	DWf
9	C1B	24.65±0.32	280.7±3.2	3.47±0.72	1.68	1.01
	A2	82.39±0.02	796.63±0.20		1.81	1.00
	A3	57.67±0.02	546.58±0.20		1.74	1.01
16	C1B	16.78±0.02	204.65±0.16	2.78±0.04	2.59	1.05
	A2	61.79±0.04	608.11±0.41		1.93	1.00
	A3	38.64±0.07	391.17±0.67		2.00	1.00
17	C1B	24.81±0.06	288.66±0.47	3.73±0.12	2.12	1.00
	A2	100.29±0.02	966.89±0.22		1.80	1.01
	A3	67.54±0.02	661.05±0.16		1.79	1.01
18	C1B	167.34±0.09	1591.5±1.5	0.19±0.29	1.34	1.06
	A2	102.57±0.02	985.40±0.15		1.67	1.01
	A3	68.91±0.01	671.90±0.09		1.65	1.02
19	C1B	159.46±0.02	1532±47	-0.55±0.50	2.53	1.04
	A2	82.99±0.03	808.62±0.26		2.74	1.08
	A3	55.61±0.01	550.30±0.11		2.64	1.05
20	C1B	139.37±0.03	1337.51±0.24	-4.0	2.17	1.00
	A2	66.28±0.01	648.66±0.12		2.54	1.03
	A3	40.68±0.03	408.10±0.30		2.82	1.09
21	C1B	157.57±0.03	1507.14±0.28	-4.0	1.48	1.03
	A2	76.92±0.05	749.16±0.50		1.48	1.03
	A3	49.91±0.01	496.02±0.10		1.48	1.03
22	C1B	0.63±5.3	74±11	5.2±6.6	1.69	1.01
	A2	78.1±0.5	758±5		1.20	1.09
	A3	49.49±0.03	490.74±0.32		1.19	1.09
23	C1B	133.33±0.03	1274.16±0.25	-4.0	1.19	1.09
	A2	63.10±0.05	618.61±0.47		1.25	1.08
	A3	38.53±0.01	389.89±0.10		1.30	1.07
24	C1B	153.67	1460.00±0.22	-4.0	2.98	1.15
	A2	74.00±0.01	718.08±0.11		3.10	1.20
	A3	46.67±0.06	464.31±0.57		3.19	1.24
25	C1B	147±5	1400±57	-4.0	1.76	1.01
	A2	70.67±0.05	688.90±0.48		1.78	1.01
	A3	44.47±0.06	446.35±0.68		1.80	1.01
26	C1B	122.46±0.12	1166.4±2.0	-0.8±1.86	2.45	1.03
	A2	59.82±0.02	586.51±0.016		2.34	1.01
	A3	36.60±0.01	372.35±0.12		2.24	1.01

[FeL₂](BF₄)₂ (1^A), sample 9, individual cycles (summary).

cycle	$f(\alpha)$	$\log A$	E , kJ mol ⁻¹	$\log K_{\text{cat}}$	d	DWf
28	C1B	22.95±0.33	270.1±1.2	3.98±0.49	2.19	1.01
	A2	86.51±0.03	837.15±0.25		1.57	1.02
	A3	58.70±0.02	573.33±0.18		1.56	1.02
34	C1B	17.00±0.90	216.6±4.2	4.1±1.4	1.48	1.04
	A2	72.23±0.04	703.54±0.38		1.09	1.12
	A3	48.80±0.03	483.97±0.27		1.08	1.13
39	C1B	3.15±0.10	89.7±2.7	3.69±0.36	1.68	1.01
	A2	59.87±0.03	586.35±0.26		0.50	1.51
	A3	36.76±0.02	373.48±0.18		0.506	1.50
40	C1B	-6.76±0.85	8.1±5.0	4.8±1.4	2.27	1.01
	A2	59.12±0.34	575.6±3.1		0.795	1.25
	A3	35.16±0.03	356.34±0.27		0.805	1.25
41	C1B	7.1±1.5	127.3±8.2	4.4±2.5	0.871	1.21
	A2	60.26±0.46	587.4±4.3		0.751	1.28
	A3	39.67±0.32	396.6±3.0		0.750	1.28
42	C1B	-8.6±61	6±53	6±55	2.21	1.01
	A2	60.28±0.34	582.7±3.1		0.832	1.23
	A3	35.98±0.03	362.60±0.30		0.837	1.23

[FeL₂](BF₄)₂ (1^A), sample 5-1, individual cycles (summary).

cycle	$f(\alpha)$	$\log A$	$E, \text{ kJ mol}^{-1}$	$\log K_{\text{cat}}$	d	DWf
12	C1B	~211	~2020	-	-	-
	A2	105.19±0.25	1015.6±2.3		1.73	1.01
	A3	71.64±0.02	699.71±0.20		1.69	1.01
15	C1B	40.58±0.01	424.46	2.49±0.02	1.93	1.00
	A2	87.13±0.03	843.62±0.29		1.73	1.01
	A3	59.03±0.02	580.88±0.20		1.77	1.01
16	C1B	174.12±0.02	1647.77±0.17	-4.0	1.59	1.02
	A2	85.40±0.03	822.68±0.29		1.59	1.02
	A3	56.11±0.01	551.00±0.10		1.59	1.02
17	C1B	98.850.15	966.2±8.9	1.4±1.2	1.36	1.06
	A2	114.01±0.21	1102.3±1.9		1.37	1.05
	A3	-	-	-	-	-
20	C1B	219.27±0.05	2061.03±0.49	-4.0	1.83	1.00
	A2	108.60±0.11	1034.7±1.0		1.82	1.00
	A3	72.84±0.02	703.73±0.18		1.80	1.01
23	C1B	10.93±0.99	160.7±4.7	4.2±1.5	1.23	1.08
	A2	55.17±0.04	545.33±0.38		0.885	1.20
	A3	36.95±0.03	374.17±0.27		0.855	1.22
24	C1B	-	-	-	-	-
	A2	68.11±0.04	665.13±0.33		1.37	1.05
	A3	45.80±0.10	455.90±0.85		1.32	1.06
25	C1B	-	-	-	-	-
	A2	82.81±0.08	794.97±0.69		1.85	1.00
	A3	55.21±0.02	540.24±0.26		1.80	1.01
26	C1B	-	-	-	-	-
	A2	71.48±0.10	689.18±0.85		1.36	1.06
	A3	48.03±0.02	473.31±0.17		1.30	1.07
27	C1B	17.13±0.54	218.2±4.6	4.1±1.1	2.10	1.00
	A2	71.30±0.03	691.89±0.32		1.78	1.01
	A3	48.08±0.04	475.97±0.41		1.74	1.01
28	C1B	8.9±1.6	147±35	4.6±21	1.64	1.01
	A2	64.55±0.08	630.86±0.78		1.12	1.11
	A3	42.93±0.24	429.26±2.2		1.11	1.12

[FeL₂](BF₄)₂ (1^A), sample 7, individual cycles (summary).

cycle	$f(\alpha)$	$\log A$	E , kJ mol ⁻¹	$\log K_{\text{cat}}$	d	DWf
7	C1B					
	A2	16.8±1.3	179±12		0.644	1.36
	A3	10.10±0.17	119.5±1.5		0.636	1.37
8	C1B	0.93±0.19	62.5±1.8	3.61±0.39	2.41	1.02
	A2	20.51±0.07	212.41±0.62		1.02	1.15
	A3	12.78±0.11	143.49±0.93		0.992	1.16
13	C1B	3.65±0.56	72.4±5.5	1.80±0.16	1.63	1.02
	A2	13.20±0.08	144.16±0.69		1.12	1.11
	A3	4.63±0.57	71.2±4.8		1.03	1.14
14	C1B	2.15±0.03	59.64±0.28	1.95±0.07	1.33	1.06
	A2	13.12±0.06	144.37±0.51		0.650	1.36
	A3	4.64±0.06	70.53±0.53		0.648	1.36
15	C1B	43.00±0.08	409.20±0.74	-4.0	0.769	1.27
	A2	18.30±0.05	190.87±0.39		0.784	1.26
	A3	9.36±0.04	112.48±0.32		0.784	1.26
16	C1B	5.29±0.37	90.2±5.1	2.44±0.39	2.45	1.03
	A2	17.02±0.11	181.34±0.98		2.38	1.02
	A3	10.53±0.04	122.68±0.35		2.43	1.02
17	C1B	31.57±0.10	314.4±1.9	-6×10 ⁻² ±0.6	2.24	1.01
	A2	16.73±0.08	178.06±0.74		2.30	1.01
	A3	10.36±0.06	120.72±0.53		2.34	1.02

[FeL₂](BF₄)₂ (1^A), sample 3, individual cycles (summary).

cycle	$f(\alpha)$	$\log A$	E , kJ mol ⁻¹	$\log K_{\text{cat}}$	d	DWf
10	C1B	10.19±0.08	120.2±1.1	0.71±0.14	0.193	2.33
	A2	7.07±0.20	89.9±1.7		0.141	2.71
	A3	2.71±0.09	52.82±0.78		0.133	2.79
13	C1B	12.32±0.06	139.6±1.2	0.79±0.18	0.313	1.86
	A2	9.43±0.09	110.74±0.76		0.213	2.23
	A3	4.24±0.08	66.06±0.70		0.198	2.30
14	C1B	13.46±0.07	147.0±1.1	0.60±0.17	0.561	1.43
	A2	8.44±0.16	100.8±1.4		0.353	1.76
	A3	3.08±0.43	55.2±3.6		0.313	1.86
15	C1B	15.77±0.08	164.5±1.0	0.03±0.20	0.761	1.27
	A2	6.30±0.12	82.2±1.0		0.473	1.54
	A3	1.14±1.42	38.5±12.0		0.355	1.75
18	C1B	9.50±0.28	115.6±2.8	0.87±0.09	0.395	1.67
	A2	7.81±0.15	96.3±1.3		0.208	2.25
	A3	3.35±0.14	57.2±1.3		0.190	2.35
19	C1B	6.95±0.33	92.9±2.9	1.14±0.04	0.519	1.49
	A2	7.58±0.10	92.60±0.87		0.236	2.12
	A3	3.34±0.09	56.13±0.80		0.216	2.21
20	C1B	15.56±0.21	160.6±1.7	-4.0	0.163	2.52
	A2	4.66±0.32	69.5±2.6		0.201	2.29
	A3	0.57±0.14	35.7±1.2		0.251	2.06
21	C1B	16.05±0.07	162.72±0.57	-4.0	0.668	1.34
	A2	4.69±0.36	68.7±3.0		0.861	1.22
	A3	0.35±0.09	33.20±0.80		0.443	1.59
22	C1B	-5.5±2.3	1×10 ⁻⁴ ±18	2.48±0.16	0.501	1.51
	A2	6.91±0.23	85.3±1.9		0.320	1.83
	A3	0.21±0.42	32.0±3.3		0.355	1.76
23	C1B	-5.5±1.7	2.2±14	2.70±0.09	0.337	1.80
	A2	6.50±0.15	83.9±1.2		0.197	2.31
	A3	8×10 ⁻² ±1.6	32±12		0.138	2.74

[Fe(ATrz)₃](NO₃)₂, individual cycles (summary).

cycle	$f(\alpha)$	logA	E , kJ mol ⁻¹	n	d	DWf
1	Fn	151.8±2.5	1013±17	3.33±0.31	2.11	1.00
	F2	99.98±0.34	673.0±2.3		1.78	1.01
	F1	68.32±0.89	465.5±5.9		1.47	1.04
2	Fn	109.82±0.54	737.1±4.6	2.43±0.79	3.21	1.25
	F2	94.84±0.27	638.8±1.8		2.76	1.08
	F1	64.31±0.69	438.9±4.6		1.39	1.05
3	Fn	107.3±4.3	718±30	2.8±1.2	2.58	1.05
	F2	82.89±0.46	558.6±3.0		2.35	1.09
	F1	53.88±0.53	369.3±3.5		1.47	1.04
4	Fn	159.8±3.1	1064±21	3.24±0.41	1.42	1.04
	F2	107.31±0.43	720.8±2.8		1.01	1.15
	F1	71.06±0.27	484.0±1.7		0.627	1.38
5	Fn	157.87±0.10	1053.3±1.4	2.40±0.53	1.91	1.00
	F2	137.63±0.11	920.93±0.69		1.49	1.03
	F1	93.63±0.32	633.3±2.1		0.792	1.25
6	Fn	171.84±0.36	1146.7±2.6	2.40±0.19	2.57	1.04
	F2	150.51±0.13	1007.08±0.89		1.12	1.11
	F1	103.82±0.10	701.83±0.59		0.852	1.22

[FeL2](BF4)2 (1A), sample 14-1

Kinetic parameters are listed in Table 1

#F-TEST ON FIT-QUALITY				
#No	F-value	F-crit	f	Code
0	1.00	1.34	127	s: A2
1	1.01	1.34	126	s: An
2	1.01	1.34	125	s: Bna
3	1.02	1.34	125	s: Cn B
4	1.02	1.34	126	s: C1 B
5	1.11	1.34	127	s: A3
6	1.23	1.34	126	s: Fn
7	1.37	1.34	127	s: R2
8	1.44	1.34	127	s: R3
9	1.60	1.34	127	s: F1
10	1.99	1.34	127	s: B1
11	2.14	1.34	127	s: F2
12	2.19	1.34	127	s: D1
13	2.23	1.34	127	s: D1F
14	2.36	1.34	127	s: D2
15	2.43	1.34	127	s: D4
16	2.49	1.34	127	s: D3F
17	2.56	1.34	127	s: D3
#Project:14-1_model_experimental				
#Meas. type:ALPHA				
#Model Step 1: 2-dim. Avrami-Erofeev				
#STATISTICS				
#Least Squares: 515.47435				
#Mean of residues: 1.43022				
#Max.No of cycles: 50				
#Number of cycles: 8				
#Correlation coefficient: 0.944224				
#Rel.precision:0.001000				
#t-critical(0.95;127): 1.970				
#Durbin-Watson Value: 0.274				
#Durbin-Watson Factor: 1.979				
#SCAN: 1 14-1_e_9_1.0.txt				
#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	2.000	198.850	0.0	6.16820E-5
2	4.000	200.850	0.0	8.54916E-5
3	6.000	202.850	0.0	1.37191E-4
4	8.000	204.850	0.0	2.57981E-4
5	10.000	206.850	0.0	5.61322E-4
6	12.000	208.850	0.0	1.37007E-3
7	14.000	210.850	0.0	3.61818E-3
8	16.000	212.850	1.33005E-3	1.00138E-2
9	18.000	214.850	2.75799E-2	2.83004E-2
10	20.000	216.850	0.16670	7.95906E-2
11	21.000	217.850	0.35587	0.13171
12	22.000	218.850	0.64007	0.21379
13	23.000	219.850	0.86245	0.33604
14	24.000	220.850	0.98158	0.50178
15	25.000	221.850	1.00000	0.69395
16	26.000	222.850	0.99631	0.86593
17	27.000	223.850	1.00000	0.96680
18	28.000	224.850	1.00000	0.99685
19	29.000	225.850	1.00000	0.99994
20	30.000	226.850	1.00000	1.00000
#SCAN: 4 14-1_e_16_0.5.txt				
#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	206.850	0.0	5.00083E-5
1	2.000	207.850	0.0	3.44551E-4
2	4.000	208.850	0.0	1.13741E-3
3	6.000	209.850	0.0	2.88395E-3
4	8.000	210.850	0.0	6.39424E-3
5	10.000	211.850	0.0	1.30837E-2
6	12.000	212.850	3.63228E-3	2.53757E-2
7	14.000	213.850	1.03121E-2	4.73019E-2
8	16.000	214.850	2.00382E-2	8.52764E-2
#SCAN: 2 14-1_e_19_1.0.txt				
#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	206.850	0.0	5.00083E-5
1	1.000	207.850	0.0	1.64280E-4
2	2.000	208.850	0.0	4.16214E-4
3	3.000	209.850	0.0	9.24125E-4
4	4.000	210.850	0.0	1.89759E-3
5	5.000	211.850	0.0	3.70394E-3
6	6.000	212.850	0.0	6.98070E-3
7	7.000	213.850	0.0	1.28222E-2
8	8.000	214.850	0.0	2.30809E-2
9	9.000	215.850	0.0	4.08284E-2
10	10.000	216.850	1.03106E-2	7.09920E-2
11	11.000	217.850	2.06505E-2	0.12103
12	12.000	218.850	4.06328E-2	0.20109
13	13.000	219.850	9.91830E-2	0.32195
14	14.000	220.850	0.19652	0.48790
15	15.000	221.850	0.39087	0.68276
16	16.000	222.850	0.65053	0.85950
17	17.000	223.850	0.92093	0.96471
18	18.000	224.850	0.97533	0.99659
19	20.000	226.850	1.00000	1.00000
20	22.000	228.850	1.00000	1.00000
#SCAN: 5 14-1_e_21_0.5.txt				
#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	206.850	0.0	5.00083E-5
1	2.000	207.850	0.0	3.44551E-4
2	4.000	208.850	0.0	1.13741E-3
3	6.000	209.850	0.0	2.88395E-3
4	8.000	210.850	0.0	6.39424E-3
5	10.000	211.850	0.0	1.30837E-2
6	12.000	212.850	9.75062E-3	2.53757E-2
7	14.000	213.850	1.95496E-2	4.73019E-2
8	16.000	214.850	3.85146E-2	8.52764E-2
#SCAN: 3 14-1_e_20_1.0.txt				
#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	209.850	0.0	5.00083E-5
1	1.000	210.850	0.0	4.09868E-4
2	2.000	211.850	0.0	1.41139E-3
3	3.000	212.850	0.0	3.63698E-3
4	4.000	213.850	0.0	8.11489E-3
5	5.000	214.850	9.65066E-3	1.66246E-2
6	6.000	215.850	1.93290E-2	3.21724E-2
7	7.000	216.850	5.01661E-2	5.96641E-2
8	8.000	217.850	9.32050E-2	0.10666
9	9.000	218.850	0.20605	0.18367
10	10.000	219.850	0.34365	0.30231
11	11.000	220.850	0.55779	0.46826
12	12.000	221.850	0.78803	0.66667
13	13.000	222.850	0.95814	0.85009
14	14.000	223.850	0.99127	0.96158
15	15.000	224.850	1.00000	0.99619
16	16.000	225.850	0.99954	0.99992
17	17.000	226.850	1.00000	1.00000
18	18.000	227.850	1.00000	1.00000
19	19.000	228.850	1.00000	1.00000
20	20.000	229.850	1.00000	1.00000
#SCAN: 6 14-1_e_22_0.5.txt				
#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	206.850	0.0	5.00083E-5
1	2.000	207.850	0.0	3.44551E-4
2	4.000	208.850	0.0	1.13741E-3
3	6.000	209.850	0.0	2.88395E-3
4	8.000	210.850	0.0	6.39424E-3
5	10.000	211.850	0.0	1.30837E-2
6	12.000	212.850	3.72058E-3	2.53757E-2
7	14.000	213.850	1.35582E-2	4.73019E-2
8	16.000	214.850	3.56973E-2	8.52764E-2

9	18.000	215.850	5.10493E-2	0.14872
10	20.000	216.850	0.12175	0.24943
11	22.000	217.850	0.19883	0.39705
12	24.000	218.850	0.33122	0.58715
13	26.000	219.850	0.57436	0.78487
14	28.000	220.850	0.75711	0.92962
15	30.000	221.850	0.92216	0.98956
16	32.000	222.850	0.97081	0.99959
17	34.000	223.850	0.98878	1.00000
18	36.000	224.850	0.99753	1.00000
19	38.000	225.850	1.00000	1.00000
20	40.000	226.850	1.00000	1.00000

#SCAN: 7 14-1_e_17_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	202.850	0.0	5.00083E-5
1	4.000	203.850	0.0	2.11693E-4
2	8.000	204.850	0.0	5.98599E-4
3	12.000	205.850	0.0	1.41361E-3
4	16.000	206.850	0.0	3.02053E-3
5	20.000	207.850	0.0	6.06317E-3
6	24.000	208.850	0.0	1.16662E-2
7	28.000	209.850	0.0	2.17643E-2
8	32.000	210.850	0.0	3.96119E-2
9	36.000	211.850	9.76430E-3	7.04970E-2
10	40.000	212.850	1.65219E-2	0.12250
11	44.000	213.850	3.55008E-2	0.20664
12	48.000	214.850	7.90268E-2	0.33435
13	52.000	215.850	0.21770	0.50900
14	56.000	216.850	0.51660	0.70972
15	60.000	217.850	0.82593	0.88254
16	64.000	218.850	0.96695	0.97513
17	68.000	219.850	0.99427	0.99825
18	72.000	220.850	1.00000	0.99998
19	76.000	221.850	0.99955	1.00000
20	80.000	222.850	1.00000	1.00000

#SCAN:10 14-1_e_24_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	203.850	0.0	5.00083E-5
1	4.000	204.850	0.0	2.88661E-4
2	8.000	205.850	0.0	9.07569E-4
3	12.000	206.850	0.0	2.25581E-3
4	16.000	207.850	0.0	4.95877E-3
5	20.000	208.850	3.57335E-3	1.01189E-2
6	24.000	209.850	1.00865E-2	1.96463E-2
7	28.000	210.850	3.73813E-2	3.67735E-2
8	32.000	211.850	8.25882E-2	6.67825E-2
9	36.000	212.850	0.16665	0.11780
10	40.000	213.850	0.30470	0.20095
11	44.000	214.850	0.56279	0.32801
12	48.000	215.850	0.80098	0.50279
13	52.000	216.850	0.97117	0.70487
14	56.000	217.850	0.99778	0.87994
15	60.000	218.850	0.99738	0.97440
16	64.000	219.850	1.00000	0.99819
17	68.000	220.850	1.00000	0.99998
18	72.000	221.850	1.00000	1.00000
19	76.000	222.850	1.00000	1.00000
20	80.000	223.850	1.00000	1.00000

#Project:14-1_model_experimental
#Meas. type:ALPHA
#Model Step 1: n-dim. Avrami-Erofeev
#STATISTICS
#Least Squares: 514.52452
#Mean of residues: 1.42890
#Max.No of cycles: 50
#Number of cycles: 12
#Correlation coefficient: 0.944329
#Rel.precision:0.001000
#t-critical(0.95;126): 1.970
#Durbin-Watson Value: 0.272
#Durbin-Watson Factor: 1.986
#SCAN: 1 14-1_e_9_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
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9	18.000	215.850	6.36698E-2	0.14872
10	20.000	216.850	0.10421	0.24943
11	22.000	217.850	0.24603	0.39705
12	24.000	218.850	0.44986	0.58715
13	26.000	219.850	0.71297	0.78487
14	28.000	220.850	0.93089	0.92962
15	30.000	221.850	0.97975	0.98956
16	32.000	222.850	0.98855	0.99959
17	34.000	223.850	0.99427	1.00000
18	36.000	224.850	1.00000	1.00000
19	38.000	225.850	1.00000	1.00000
20	40.000	226.850	1.00000	1.00000

#SCAN: 8 14-1_e_18_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	202.850	0.0	5.00083E-5
1	4.000	203.850	0.0	2.11693E-4
2	8.000	204.850	0.0	5.98599E-4
3	12.000	205.850	0.0	1.41361E-3
4	16.000	206.850	0.0	3.02053E-3
5	20.000	207.850	0.0	6.06317E-3
6	24.000	208.850	0.0	1.16662E-2
7	28.000	209.850	0.0	2.17643E-2
8	32.000	210.850	1.00426E-2	3.96119E-2
9	36.000	211.850	2.63607E-2	7.04970E-2
10	40.000	212.850	6.15322E-2	0.12250
11	44.000	213.850	0.12820	0.20664
12	48.000	214.850	0.30197	0.33435
13	52.000	215.850	0.62761	0.50900
14	56.000	216.850	0.93879	0.70972
15	60.000	217.850	0.97931	0.88254
16	64.000	218.850	0.99464	0.97513
17	68.000	219.850	0.99415	0.99825
18	72.000	220.850	1.00000	0.99998
19	76.000	221.850	1.00000	1.00000
20	80.000	222.850	1.00000	1.00000

#SCAN:11 14-1_e_25_0.1.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	201.850	0.0	5.00083E-5
1	10.000	202.850	0.0	4.47271E-4
2	20.000	203.850	0.0	1.58659E-3
3	30.000	204.850	0.0	4.17048E-3
4	40.000	205.850	0.0	9.46128E-3
5	50.000	206.850	0.0	1.96775E-2
6	60.000	207.850	0.0	3.86108E-2
7	70.000	208.850	1.86714E-2	7.24750E-2
8	80.000	209.850	3.73884E-2	0.13074
9	90.000	210.850	9.84100E-2	0.22595
10	100.000	211.850	0.19875	0.36973
11	110.000	212.850	0.42099	0.56091
12	120.000	213.850	0.65000	0.76662
13	130.000	214.850	0.84956	0.92229
14	140.000	215.850	0.98291	0.98844
15	150.000	216.850	0.99165	0.99957
16	160.000	217.850	0.99736	1.00000
17	170.000	218.850	1.00000	1.00000
18	180.000	219.850	0.99958	1.00000
19	200.000	221.850	1.00000	1.00000
20	280.000	229.850	1.00000	1.00000

#SCAN: 2 14-1_e_19_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
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9	18.000	215.850	0.11317	0.14872
10	20.000	216.850	0.30784	0.24943
11	22.000	217.850	0.57726	0.39705
12	24.000	218.850	0.78291	0.58715
13	26.000	219.850	0.92441	0.78487
14	28.000	220.850	0.97965	0.92962
15	30.000	221.850	0.99781	0.98956
16	32.000	222.850	0.99736	0.99959
17	34.000	223.850	1.00000	1.00000
18	36.000	224.850	1.00000	1.00000
19	38.000	225.850	1.00000	1.00000
20	40.000	226.850	1.00000	1.00000

#SCAN: 9 14-1_e_23_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	204.850	0.0	5.00083E-5
1	4.000	205.850	0.0	4.08490E-4
2	8.000	206.850	0.0	1.41296E-3
3	12.000	207.850	0.0	3.66400E-3
4	16.000	208.850	3.57794E-3	8.23408E-3
5	20.000	209.850	1.30595E-2	1.69995E-2
6	24.000	210.850	2.55647E-2	3.31626E-2
7	28.000	211.850	4.70267E-2	6.19947E-2
8	32.000	212.850	8.34676E-2	0.11167
9	36.000	213.850	0.15288	0.19349
10	40.000	214.850	0.28538	0.31962
11	44.000	215.850	0.46038	0.49453
12	48.000	216.850	0.70215	0.69836
13	52.000	217.850	0.89977	0.87644
14	56.000	218.850	0.96851	0.97342
15	60.000	219.850	0.98014	0.99809
16	64.000	220.850	0.99481	0.99998
17	68.000	221.850	0.99741	1.00000
18	72.000	222.850	1.00000	1.00000
19	76.000	223.850	1.00000	1.00000
20	80.000	224.850	1.00000	1.00000

#SCAN:12 14-1_e_26_0.1.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	199.850	0.0	5.00083E-5
1	10.000	200.850	0.0	2.25789E-4
2	20.000	201.850	0.0	6.56008E-4
3	30.000	202.850	0.0	1.57455E-3
4	40.000	203.850	9.13664E-3	3.40393E-3
5	50.000	204.850	1.54371E-2	6.89698E-3
6	60.000	205.850	2.17625E-2	1.33762E-2
7	70.000	206.850	3.67680E-2	2.51253E-2
8	80.000	207.850	5.76070E-2	4.59887E-2
9	90.000	208.850	0.10462	8.21790E-2
10	100.000	209.850	0.19825	0.14302
11	110.000	210.850	0.34756	0.24060
12	120.000	211.850	0.53518	0.38563
13	130.000	212.850	0.74148	0.57559
14	140.000	213.850	0.94842	0.77691
15	150.000	214.850	0.99195	0.92679
16	160.000	215.850	0.99156	0.98932
17	170.000	216.850	1.00000	0.99961
18	180.000	217.850	1.00000	1.00000
19	190.000	218.850	1.00000	1.00000
20	200.000	219.850	1.00000	1.00000

#SCAN: 3 14-1_e_20_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
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0	0.000	196.850	0.0	5.00083E-5
1	2.000	198.850	0.0	6.03142E-5
2	4.000	200.850	0.0	8.10618E-5
3	6.000	202.850	0.0	1.25490E-4
4	8.000	204.850	0.0	2.28112E-4
5	10.000	206.850	0.0	4.84619E-4
6	12.000	208.850	0.0	1.17182E-3
7	14.000	210.850	0.0	3.11015E-3
8	16.000	212.850	1.33005E-3	8.75159E-3
9	18.000	214.850	2.75799E-2	2.53576E-2
10	20.000	216.850	0.16670	7.35457E-2
11	21.000	217.850	0.35587	0.12379
12	22.000	218.850	0.64007	0.20449
13	23.000	219.850	0.86245	0.32705
14	24.000	220.850	0.98158	0.49612
15	25.000	221.850	1.00000	0.69429
16	26.000	222.850	0.99631	0.87084
17	27.000	223.850	1.00000	0.97068
18	28.000	224.850	1.00000	0.99771
19	29.000	225.850	1.00000	0.99997
20	30.000	226.850	1.00000	1.00000

#SCAN: 4 14-1_e_16_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	206.850	0.0	5.00083E-5
1	2.000	207.850	0.0	2.97954E-4
2	4.000	208.850	0.0	9.65151E-4
3	6.000	209.850	0.0	2.46036E-3
4	8.000	210.850	0.0	5.52813E-3
5	10.000	211.850	0.0	1.15009E-2
6	12.000	212.850	3.63228E-3	2.27155E-2
7	14.000	213.850	1.03121E-2	4.31598E-2
8	16.000	214.850	2.00382E-2	7.93517E-2
9	18.000	215.850	5.10493E-2	0.14116
10	20.000	216.850	0.12175	0.24142
11	22.000	217.850	0.19883	0.39128
12	24.000	218.850	0.33122	0.58701
13	26.000	219.850	0.57436	0.79085
14	28.000	220.850	0.75711	0.93626
15	30.000	221.850	0.92216	0.99194
16	32.000	222.850	0.97081	0.99978
17	34.000	223.850	0.98878	1.00000
18	36.000	224.850	0.99753	1.00000
19	38.000	225.850	1.00000	1.00000
20	40.000	226.850	1.00000	1.00000

#SCAN: 5 14-1_e_21_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	206.850	0.0	5.00083E-5
1	2.000	207.850	0.0	2.97954E-4
2	4.000	208.850	0.0	9.65151E-4
3	6.000	209.850	0.0	2.46036E-3
4	8.000	210.850	0.0	5.52813E-3
5	10.000	211.850	0.0	1.15009E-2
6	12.000	212.850	9.75062E-3	2.27155E-2
7	14.000	213.850	1.95496E-2	4.31598E-2
8	16.000	214.850	3.85146E-2	7.93517E-2
9	18.000	215.850	6.36698E-2	0.14116
10	20.000	216.850	0.10421	0.24142
11	22.000	217.850	0.24603	0.39128
12	24.000	218.850	0.44986	0.58701
13	26.000	219.850	0.71297	0.79085
14	28.000	220.850	0.93089	0.93626
15	30.000	221.850	0.97975	0.99194
16	32.000	222.850	0.98855	0.99978
17	34.000	223.850	0.99427	1.00000
18	36.000	224.850	1.00000	1.00000
19	38.000	225.850	1.00000	1.00000
20	40.000	226.850	1.00000	1.00000

#SCAN: 6 14-1_e_22_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	206.850	0.0	5.00083E-5
1	2.000	207.850	0.0	2.97954E-4
2	4.000	208.850	0.0	9.65151E-4
3	6.000	209.850	0.0	2.46036E-3
4	8.000	210.850	0.0	5.52813E-3
5	10.000	211.850	0.0	1.15009E-2
6	12.000	212.850	3.72058E-3	2.27155E-2
7	14.000	213.850	1.35582E-2	4.31598E-2
8	16.000	214.850	3.56973E-2	7.93517E-2
9	18.000	215.850	0.11317	0.14116
10	20.000	216.850	0.30784	0.24142
11	22.000	217.850	0.57726	0.39128
12	24.000	218.850	0.78291	0.58701
13	26.000	219.850	0.92441	0.79085
14	28.000	220.850	0.97965	0.93626
15	30.000	221.850	0.99781	0.99194
16	32.000	222.850	0.99736	0.99978
17	34.000	223.850	1.00000	1.00000
18	36.000	224.850	1.00000	1.00000
19	38.000	225.850	1.00000	1.00000
20	40.000	226.850	1.00000	1.00000

#SCAN: 7 14-1_e_17_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	202.850	0.0	5.00083E-5
1	4.000	203.850	0.0	1.88254E-4
2	8.000	204.850	0.0	5.16341E-4
3	12.000	205.850	0.0	1.21401E-3
4	16.000	206.850	0.0	2.61072E-3
5	20.000	207.850	0.0	5.30245E-3
6	24.000	208.850	0.0	1.03535E-2
7	28.000	209.850	0.0	1.96360E-2
8	32.000	210.850	0.0	3.63734E-2
9	36.000	211.850	9.76430E-3	6.59341E-2
10	40.000	212.850	1.65219E-2	0.11675
11	44.000	213.850	3.55008E-2	0.20063
12	48.000	214.850	7.90268E-2	0.33037
13	52.000	215.850	0.21770	0.51028
14	56.000	216.850	0.51660	0.71763
15	60.000	217.850	0.82593	0.89249
16	64.000	218.850	0.96695	0.98012
17	68.000	219.850	0.99427	0.99895
18	72.000	220.850	1.00000	0.99999
19	76.000	221.850	0.99955	1.00000
20	80.000	222.850	1.00000	1.00000

#SCAN: 8 14-1_e_18_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	202.850	0.0	5.00083E-5
1	4.000	203.850	0.0	1.88254E-4
2	8.000	204.850	0.0	5.16341E-4
3	12.000	205.850	0.0	1.21401E-3
4	16.000	206.850	0.0	2.61072E-3
5	20.000	207.850	0.0	5.30245E-3
6	24.000	208.850	0.0	1.03535E-2
7	28.000	209.850	0.0	1.96360E-2
8	32.000	210.850	1.00426E-2	3.63734E-2
9	36.000	211.850	2.63607E-2	6.59341E-2
10	40.000	212.850	6.15322E-2	0.11675
11	44.000	213.850	0.12820	0.20063
12	48.000	214.850	0.30197	0.33037
13	52.000	215.850	0.62761	0.51028
14	56.000	216.850	0.93879	0.71763
15	60.000	217.850	0.97931	0.89249
16	64.000	218.850	0.99464	0.98012
17	68.000	219.850	0.99415	0.99895
18	72.000	220.850	1.00000	0.99999
19	76.000	221.850	1.00000	1.00000
20	80.000	222.850	1.00000	1.00000

#SCAN: 9 14-1_e_23_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	204.850	0.0	5.00083E-5
1	4.000	205.850	0.0	3.53391E-4
2	8.000	206.850	0.0	1.20769E-3
3	12.000	207.850	0.0	3.16188E-3
4	16.000	208.850	3.57794E-3	7.22034E-3
5	20.000	209.850	1.30595E-2	1.51841E-2
6	24.000	210.850	2.55647E-2	3.02052E-2
7	28.000	211.850	4.70267E-2	5.76089E-2
8	32.000	212.850	8.34676E-2	0.10588
9	36.000	213.850	0.15288	0.18715
10	40.000	214.850	0.28538	0.31496
11	44.000	215.850	0.46038	0.49494
12	48.000	216.850	0.70215	0.70563
13	52.000	217.850	0.89977	0.88630
14	56.000	218.850	0.96851	0.97857
15	60.000	219.850	0.98014	0.99884
16	64.000	220.850	0.99481	0.99999
17	68.000	221.850	0.99741	1.00000
18	72.000	222.850	1.00000	1.00000
19	76.000	223.850	1.00000	1.00000
20	80.000	224.850	1.00000	1.00000

#SCAN: 10 14-1_e_24_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	203.850	0.0	5.00083E-5
1	4.000	204.850	0.0	2.52943E-4
2	8.000	205.850	0.0	7.77940E-4
3	12.000	206.850	0.0	1.93890E-3
4	16.000	207.850	0.0	4.31143E-3

#SCAN: 11 14-1_e_25_0.1.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	201.850	0.0	5.00083E-5
1	10.000	202.850	0.0	3.89343E-4
2	20.000	203.850	0.0	1.37135E-3
3	30.000	204.850	0.0	3.64956E-3
4	40.000	205.850	0.0	8.42774E-3

#SCAN: 12 14-1_e_26_0.1.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	199.850	0.0	5.00083E-5
1	10.000	200.850	0.0	2.01518E-4
2	20.000	201.850	0.0	5.70471E-4
3	30.000	202.850	0.0	1.36751E-3
4	40.000	203.850	9.13664E-3	2.98187E-3

5	20.000	208.850	3.57335E-3	8.93418E-3	5	50.000	206.850	0.0	1.78752E-2	5	50.000	204.850	1.54371E-2	6.12281E-3
6	24.000	209.850	1.00865E-2	1.76490E-2	6	60.000	207.850	0.0	3.57947E-2	6	60.000	205.850	2.17625E-2	1.20646E-2
7	28.000	210.850	3.73813E-2	3.36494E-2	7	70.000	208.850	1.86714E-2	6.85827E-2	7	70.000	206.850	3.67680E-2	2.30583E-2
8	32.000	211.850	8.25882E-2	6.22863E-2	8	80.000	209.850	3.73884E-2	0.12626	8	80.000	207.850	5.76070E-2	4.29832E-2
9	36.000	212.850	0.16665	0.11202	9	90.000	210.850	9.84100E-2	0.22246	9	90.000	208.850	0.10462	7.82634E-2
10	40.000	213.850	0.30470	0.19479	10	100.000	211.850	0.19875	0.37029	10	100.000	209.850	0.19825	0.13879
11	44.000	214.850	0.56279	0.32372	11	110.000	212.850	0.42099	0.56863	11	110.000	210.850	0.34756	0.23774
12	48.000	215.850	0.80098	0.50369	12	120.000	213.850	0.65000	0.78027	12	120.000	211.850	0.53518	0.38712
13	52.000	216.850	0.97117	0.71250	13	130.000	214.850	0.84956	0.93360	13	130.000	212.850	0.74148	0.58424
14	56.000	217.850	0.99778	0.88986	14	140.000	215.850	0.98291	0.99198	14	140.000	213.850	0.94842	0.79097
15	60.000	218.850	0.99738	0.97947	15	150.000	216.850	0.99165	0.99981	15	150.000	214.850	0.99195	0.93793
16	64.000	219.850	1.00000	0.99891	16	160.000	217.850	0.99736	1.00000	16	160.000	215.850	0.99156	0.99268
17	68.000	220.850	1.00000	0.99999	17	170.000	218.850	1.00000	1.00000	17	170.000	216.850	1.00000	0.99983
18	72.000	221.850	1.00000	1.00000	18	180.000	219.850	0.99958	1.00000	18	180.000	217.850	1.00000	1.00000
19	76.000	222.850	1.00000	1.00000	19	200.000	221.850	1.00000	1.00000	19	190.000	218.850	1.00000	1.00000
20	80.000	223.850	1.00000	1.00000	20	280.000	229.850	1.00000	1.00000	20	200.000	219.850	1.00000	1.00000

#Project:14-1_model_experimental
#Meas. type:ALPHA
#Model Step 1: Prout-Tompkins n-th order,a autocat
#STATISTICS
#Least Squares: 511.34948
#Mean of residues: 1.42449
#Max.No of cycles: 50
#Number of cycles: 16
#Correlation coefficient: 0.944683
#Rel.precision:0.001000
#t-critical(0.95;125): 1.970
#Durbin-Watson Value: 0.290
#Durbin-Watson Factor: 1.927

#SCAN: 1 14-1_e_9_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	2.000	198.850	0.0	5.63430E-5
2	4.000	200.850	0.0	6.87278E-5
3	6.000	202.850	0.0	9.43028E-5
4	8.000	204.850	0.0	1.51447E-4
5	10.000	206.850	0.0	2.92455E-4
6	12.000	208.850	0.0	6.79670E-4
7	14.000	210.850	0.0	1.85156E-3
8	16.000	212.850	1.33005E-3	5.67030E-3
9	18.000	214.850	2.75799E-2	1.86599E-2
10	20.000	216.850	0.16670	6.28385E-2
11	21.000	217.850	0.35587	0.11380
12	22.000	218.850	0.64007	0.20027
13	23.000	219.850	0.86245	0.33435
14	24.000	220.850	0.98158	0.51370
15	25.000	221.850	1.00000	0.70634
16	26.000	222.850	0.99631	0.86155
17	27.000	223.850	1.00000	0.95120
18	28.000	224.850	1.00000	0.98759
19	29.000	225.850	1.00000	0.99782
20	30.000	226.850	1.00000	0.99975

#SCAN: 4 14-1_e_16_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	206.850	0.0	5.00083E-5
1	2.000	207.850	0.0	1.91142E-4
2	4.000	208.850	0.0	5.64718E-4
3	6.000	209.850	0.0	1.45311E-3
4	8.000	210.850	0.0	3.43563E-3
5	10.000	211.850	0.0	7.67495E-3
6	12.000	212.850	3.63228E-3	1.64492E-2
7	14.000	213.850	1.03121E-2	3.40751E-2
8	16.000	214.850	2.00382E-2	6.82835E-2
9	18.000	215.850	5.10493E-2	0.13150
10	20.000	216.850	0.12175	0.23953
11	22.000	217.850	0.19883	0.40202
12	24.000	218.850	0.33122	0.60266
13	26.000	219.850	0.57436	0.79096
14	28.000	220.850	0.75711	0.91739
15	30.000	221.850	0.92216	0.97639
16	32.000	222.850	0.97081	0.99530
17	34.000	223.850	0.98878	0.99938
18	36.000	224.850	0.99753	0.99995

#SCAN: 2 14-1_e_19_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	206.850	0.0	5.00083E-5
1	1.000	207.850	0.0	1.07037E-4
2	2.000	208.850	0.0	2.24213E-4
3	3.000	209.850	0.0	4.62051E-4
4	4.000	210.850	0.0	9.40133E-4
5	5.000	211.850	0.0	1.89331E-3
6	6.000	212.850	0.0	3.77971E-3
7	7.000	213.850	0.0	7.48544E-3
8	8.000	214.850	0.0	1.47025E-2
9	9.000	215.850	0.0	2.85936E-2
10	10.000	216.850	1.03106E-2	5.48444E-2
11	11.000	217.850	2.06505E-2	0.10294
12	12.000	218.850	4.06328E-2	0.18645
13	13.000	219.850	9.91830E-2	0.31867
14	14.000	220.850	0.19652	0.49889
15	15.000	221.850	0.39087	0.69558
16	16.000	222.850	0.65053	0.85590
17	17.000	223.850	0.92093	0.94913
18	18.000	224.850	0.97533	0.98707
19	20.000	226.850	1.00000	0.99974
20	22.000	228.850	1.00000	1.00000

#SCAN: 5 14-1_e_21_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	206.850	0.0	5.00083E-5
1	2.000	207.850	0.0	1.91142E-4
2	4.000	208.850	0.0	5.64718E-4
3	6.000	209.850	0.0	1.45311E-3
4	8.000	210.850	0.0	3.43563E-3
5	10.000	211.850	0.0	7.67495E-3
6	12.000	212.850	9.75062E-3	1.64492E-2
7	14.000	213.850	1.95496E-2	3.40751E-2
8	16.000	214.850	3.85146E-2	6.82835E-2
9	18.000	215.850	6.36698E-2	0.13150
10	20.000	216.850	0.10421	0.23953
11	22.000	217.850	0.24603	0.40202
12	24.000	218.850	0.44986	0.60266
13	26.000	219.850	0.71297	0.79096
14	28.000	220.850	0.93089	0.91739
15	30.000	221.850	0.97975	0.97639
16	32.000	222.850	0.98855	0.99530
17	34.000	223.850	0.99427	0.99938
18	36.000	224.850	1.00000	0.99995

#SCAN: 3 14-1_e_20_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	209.850	0.0	5.00083E-5
1	1.000	210.850	0.0	2.20900E-4
2	2.000	211.850	0.0	6.96317E-4
3	3.000	212.850	0.0	1.85304E-3
4	4.000	213.850	0.0	4.46123E-3
5	5.000	214.850	9.65066E-3	1.00556E-2
6	6.000	215.850	1.93290E-2	2.16067E-2
7	7.000	216.850	5.01661E-2	4.46260E-2
8	8.000	217.850	9.32050E-2	8.86116E-2
9	9.000	218.850	0.20605	0.16771
10	10.000	219.850	0.34365	0.29688
11	11.000	220.850	0.55779	0.47785
12	12.000	221.850	0.78803	0.68001
13	13.000	222.850	0.95814	0.84764
14	14.000	223.850	0.99127	0.94609
15	15.000	224.850	1.00000	0.98630
16	16.000	225.850	0.99954	0.99760
17	17.000	226.850	1.00000	0.99973
18	18.000	227.850	1.00000	0.99998
19	19.000	228.850	1.00000	1.00000
20	20.000	229.850	1.00000	1.00000

#SCAN: 6 14-1_e_22_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	206.850	0.0	5.00083E-5
1	2.000	207.850	0.0	1.91142E-4
2	4.000	208.850	0.0	5.64718E-4
3	6.000	209.850	0.0	1.45311E-3
4	8.000	210.850	0.0	3.43563E-3
5	10.000	211.850	0.0	7.67495E-3
6	12.000	212.850	3.72058E-3	1.64492E-2
7	14.000	213.850	1.35582E-2	3.40751E-2
8	16.000	214.850	3.56973E-2	6.82835E-2
9	18.000	215.850	0.11317	0.13150
10	20.000	216.850	0.30784	0.23953
11	22.000	217.850	0.57726	0.40202
12	24.000	218.850	0.78291	0.60266
13	26.000	219.850	0.92441	0.79096
14	28.000	220.850	0.97965	0.91739
15	30.000	221.850	0.99781	0.97639
16	32.000	222.850	0.99736	0.99530
17	34.000	223.850	1.00000	0.99938
18	36.000	224.850	1.00000	0.99995

```
19 38.000 225.850 1.00000 1.00000
20 40.000 226.850 1.00000 1.00000
#SCAN: 7 14-1_e_17_0.25.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 202.850 0.0 5.00083E-5
1 4.000 203.850 0.0 1.29662E-4
2 8.000 204.850 0.0 3.09896E-4
3 12.000 205.850 0.0 7.01978E-4
4 16.000 206.850 0.0 1.53189E-3
5 20.000 207.850 0.0 3.25327E-3
6 24.000 208.850 0.0 6.76556E-3
7 28.000 209.850 0.0 1.38249E-2
8 32.000 210.850 0.0 2.77804E-2
9 36.000 211.850 9.76430E-3 5.47571E-2
10 40.000 212.850 1.65219E-2 0.10510
11 44.000 213.850 3.55008E-2 0.19361
12 48.000 214.850 7.90268E-2 0.33415
13 52.000 215.850 0.21770 0.52337
14 56.000 216.850 0.51660 0.72317
15 60.000 217.850 0.82593 0.87721
16 64.000 218.850 0.96695 0.96020
17 68.000 219.850 0.99427 0.99092
18 72.000 220.850 1.00000 0.99861
19 76.000 221.850 0.99955 0.99987
20 80.000 222.850 1.00000 0.99999
#SCAN:10 14-1_e_24_0.25.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 203.850 0.0 5.00083E-5
1 4.000 204.850 0.0 1.65553E-4
2 8.000 205.850 0.0 4.55691E-4
3 12.000 206.850 0.0 1.12775E-3
4 16.000 207.850 0.0 2.60798E-3
5 20.000 208.850 3.57335E-3 5.75665E-3
6 24.000 209.850 1.00865E-2 1.22766E-2
7 28.000 210.850 3.73813E-2 2.54518E-2
8 32.000 211.850 8.25882E-2 5.13505E-2
9 36.000 212.850 0.16665 0.10033
10 40.000 213.850 0.30470 0.18742
11 44.000 214.850 0.56279 0.32708
12 48.000 215.850 0.80098 0.51679
13 52.000 216.850 0.97117 0.71858
14 56.000 217.850 0.99778 0.87496
15 60.000 218.850 0.99738 0.95944
16 64.000 219.850 1.00000 0.99075
17 68.000 220.850 1.00000 0.99859
18 72.000 221.850 1.00000 0.99986
19 76.000 222.850 1.00000 0.99999
20 80.000 223.850 1.00000 1.00000
```

```
#Project:14-1_model_experimental
#Meas. type:ALPHA
#Model Step 1: n-th order with autocatalysis by B
#STATISTICS
#Least Squares: 516.02017
#Mean of residues: 1.43098
#Max.No of cycles: 50
#Number of cycles: 14
#Correlation coefficient: 0.944163
#Rel.precision:0.001000
#t-critical(0.95;125): 1.970
#Durbin-Watson Value: 0.276
#Durbin-Watson Factor: 1.972
```

```
#SCAN: 1 14-1_e_9_1.0.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 196.850 0.0 5.00083E-5
1 2.000 198.850 0.0 1.60142E-4
2 4.000 200.850 0.0 3.57004E-4
3 6.000 202.850 0.0 7.08470E-4
4 8.000 204.850 0.0 1.33697E-3
5 10.000 206.850 0.0 2.46815E-3
6 12.000 208.850 0.0 4.53404E-3
7 14.000 210.850 0.0 8.41616E-3
8 16.000 212.850 1.33005E-3 1.60970E-2
```

```
19 38.000 225.850 1.00000 1.00000
20 40.000 226.850 1.00000 1.00000
#SCAN: 8 14-1_e_18_0.25.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 202.850 0.0 5.00083E-5
1 4.000 203.850 0.0 1.29662E-4
2 8.000 204.850 0.0 3.09896E-4
3 12.000 205.850 0.0 7.01978E-4
4 16.000 206.850 0.0 1.53189E-3
5 20.000 207.850 0.0 3.25327E-3
6 24.000 208.850 0.0 6.76556E-3
7 28.000 209.850 0.0 1.38249E-2
8 32.000 210.850 1.00426E-2 2.77804E-2
9 36.000 211.850 2.63607E-2 5.47571E-2
10 40.000 212.850 6.15322E-2 0.10510
11 44.000 213.850 0.12820 0.19361
12 48.000 214.850 0.30197 0.33415
13 52.000 215.850 0.62761 0.52337
14 56.000 216.850 0.93879 0.72317
15 60.000 217.850 0.97931 0.87721
16 64.000 218.850 0.99464 0.96020
17 68.000 219.850 0.99415 0.99092
18 72.000 220.850 1.00000 0.99861
19 76.000 221.850 1.00000 0.99987
20 80.000 222.850 1.00000 0.99999
#SCAN:11 14-1_e_25_0.1.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 201.850 0.0 5.00083E-5
1 10.000 202.850 0.0 2.39572E-4
2 20.000 203.850 0.0 7.89351E-4
3 30.000 204.850 0.0 2.16794E-3
4 40.000 205.850 0.0 5.35563E-3
5 50.000 206.850 0.0 1.23457E-2
6 60.000 207.850 0.0 2.70555E-2
7 70.000 208.850 1.86714E-2 5.67875E-2
8 80.000 209.850 3.73884E-2 0.11389
9 90.000 210.850 9.84100E-2 0.21538
10 100.000 211.850 0.19875 0.37435
11 110.000 212.850 0.42099 0.57861
12 120.000 213.850 0.65000 0.77669
13 130.000 214.850 0.84956 0.91219
14 140.000 215.850 0.98291 0.97541
15 150.000 216.850 0.99165 0.99529
16 160.000 217.850 0.99736 0.99942
17 170.000 218.850 1.00000 0.99996
18 180.000 219.850 0.99958 1.00000
19 200.000 221.850 1.00000 1.00000
20 280.000 229.850 1.00000 1.00000
```

```
#SCAN: 2 14-1_e_19_1.0.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 206.850 0.0 5.00083E-5
1 1.000 207.850 0.0 8.65266E-4
2 2.000 208.850 0.0 1.97273E-3
3 3.000 209.850 0.0 3.48914E-3
4 4.000 210.850 0.0 5.58785E-3
5 5.000 211.850 0.0 8.53412E-3
6 6.000 212.850 0.0 1.27482E-2
7 7.000 213.850 0.0 1.89233E-2
8 8.000 214.850 0.0 2.82538E-2
```

```
19 38.000 225.850 1.00000 1.00000
20 40.000 226.850 1.00000 1.00000
#SCAN: 9 14-1_e_23_0.25.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 204.850 0.0 5.00083E-5
1 4.000 205.850 0.0 2.21042E-4
2 8.000 206.850 0.0 7.00650E-4
3 12.000 207.850 0.0 1.87893E-3
4 16.000 208.850 3.57794E-3 4.56393E-3
5 20.000 209.850 1.30595E-2 1.03865E-2
6 24.000 210.850 2.55647E-2 2.25416E-2
7 28.000 211.850 4.70267E-2 4.70157E-2
8 32.000 212.850 8.34676E-2 9.41758E-2
9 36.000 213.850 0.15288 0.17933
10 40.000 214.850 0.28538 0.31774
11 44.000 215.850 0.46038 0.50800
12 48.000 216.850 0.70215 0.71241
13 52.000 217.850 0.89977 0.87191
14 56.000 218.850 0.96851 0.95842
15 60.000 219.850 0.98014 0.99052
16 64.000 220.850 0.99481 0.99855
17 68.000 221.850 0.99741 0.99986
18 72.000 222.850 1.00000 0.99999
19 76.000 223.850 1.00000 1.00000
20 80.000 224.850 1.00000 1.00000
#SCAN:12 14-1_e_26_0.1.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 199.850 0.0 5.00083E-5
1 10.000 200.850 0.0 1.36503E-4
2 20.000 201.850 0.0 3.37706E-4
3 30.000 202.850 0.0 7.84482E-4
4 40.000 203.850 9.13664E-3 1.74572E-3
5 50.000 204.850 1.54371E-2 3.76667E-3
6 60.000 205.850 2.17625E-2 7.93780E-3
7 70.000 206.850 3.67680E-2 1.64016E-2
8 80.000 207.850 5.76070E-2 3.32511E-2
9 90.000 208.850 0.10462 6.59200E-2
10 100.000 209.850 0.19825 0.12663
11 110.000 210.850 0.34756 0.23157
12 120.000 211.850 0.53518 0.39196
13 130.000 212.850 0.74148 0.59369
14 140.000 213.850 0.94842 0.78601
15 150.000 214.850 0.99195 0.91613
16 160.000 215.850 0.99156 0.97653
17 170.000 216.850 1.00000 0.99550
18 180.000 217.850 1.00000 0.99944
19 190.000 218.850 1.00000 0.99996
20 200.000 219.850 1.00000 1.00000
```

```
#SCAN: 3 14-1_e_20_1.0.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 209.850 0.0 5.00083E-5
1 1.000 210.850 0.0 1.94801E-3
2 2.000 211.850 0.0 4.61428E-3
3 3.000 212.850 0.0 8.43148E-3
4 4.000 213.850 0.0 1.40325E-2
5 5.000 214.850 9.65066E-3 2.25129E-2
6 6.000 215.850 1.93290E-2 3.58632E-2
7 7.000 216.850 5.01661E-2 5.78712E-2
8 8.000 217.850 9.32050E-2 9.59730E-2
```

9	18.000	214.850	2.75799E-2	3.26914E-2
10	20.000	216.850	0.16670	7.38441E-2
11	21.000	217.850	0.35587	0.11740
12	22.000	218.850	0.64007	0.19373
13	23.000	219.850	0.86245	0.32380
14	24.000	220.850	0.98158	0.51454
15	25.000	221.850	1.00000	0.71857
16	26.000	222.850	0.99631	0.86517
17	27.000	223.850	1.00000	0.94188
18	28.000	224.850	1.00000	0.97584
19	29.000	225.850	1.00000	0.98999
20	30.000	226.850	1.00000	0.99582

#SCAN: 4 14-1_e_16_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	206.850	0.0	5.00083E-5
1	2.000	207.850	0.0	1.70107E-3
2	4.000	208.850	0.0	4.00937E-3
3	6.000	209.850	0.0	7.29110E-3
4	8.000	210.850	0.0	1.20603E-2
5	10.000	211.850	0.0	1.91903E-2
6	12.000	212.850	3.63228E-3	3.02374E-2
7	14.000	213.850	1.03121E-2	4.81134E-2
8	16.000	214.850	2.00382E-2	7.84920E-2
9	18.000	215.850	5.10493E-2	0.13252
10	20.000	216.850	0.12175	0.23009
11	22.000	217.850	0.19883	0.39392
12	24.000	218.850	0.33122	0.61012
13	26.000	219.850	0.57436	0.80073
14	28.000	220.850	0.75711	0.91298
15	30.000	221.850	0.92216	0.96435
16	32.000	222.850	0.97081	0.98556
17	34.000	223.850	0.98878	0.99410
18	36.000	224.850	0.99753	0.99756
19	38.000	225.850	1.00000	0.99898
20	40.000	226.850	1.00000	0.99957

#SCAN: 7 14-1_e_17_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	202.850	0.0	5.00083E-5
1	4.000	203.850	0.0	1.11655E-3
2	8.000	204.850	0.0	2.58509E-3
3	12.000	205.850	0.0	4.62923E-3
4	16.000	206.850	0.0	7.51640E-3
5	20.000	207.850	0.0	1.16735E-2
6	24.000	208.850	0.0	1.78112E-2
7	28.000	209.850	0.0	2.71682E-2
8	32.000	210.850	0.0	4.20120E-2
9	36.000	211.850	9.76430E-3	6.66843E-2
10	40.000	212.850	1.65219E-2	0.10971
11	44.000	213.850	3.55008E-2	0.18718
12	48.000	214.850	7.90268E-2	0.32278
13	52.000	215.850	0.21770	0.52394
14	56.000	216.850	0.51660	0.73451
15	60.000	217.850	0.82593	0.87828
16	64.000	218.850	0.96695	0.94946
17	68.000	219.850	0.99427	0.97960
18	72.000	220.850	1.00000	0.99175
19	76.000	221.850	0.99955	0.99663
20	80.000	222.850	1.00000	0.99860

#SCAN:10 14-1_e_24_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	203.850	0.0	5.00083E-5
1	4.000	204.850	0.0	1.47171E-3
2	8.000	205.850	0.0	3.45100E-3
3	12.000	206.850	0.0	6.24715E-3
4	16.000	207.850	0.0	1.02744E-2
5	20.000	208.850	3.57335E-3	1.62231E-2
6	24.000	209.850	1.00865E-2	2.52981E-2
7	28.000	210.850	3.73813E-2	3.97095E-2
8	32.000	211.850	8.25882E-2	6.37035E-2
9	36.000	212.850	0.16665	0.10567
10	40.000	213.850	0.30470	0.18160
11	44.000	214.850	0.56279	0.31563
12	48.000	215.850	0.80098	0.51683
13	52.000	216.850	0.97117	0.72994

9	9.000	215.850	0.0	4.28966E-2
10	10.000	216.850	1.03106E-2	6.69150E-2
11	11.000	217.850	2.06505E-2	0.10815
12	12.000	218.850	4.06328E-2	0.18121
13	13.000	219.850	9.91830E-2	0.30795
14	14.000	220.850	0.19652	0.49855
15	15.000	221.850	0.39087	0.70773
16	16.000	222.850	0.65053	0.86022
17	17.000	223.850	0.92093	0.94011
18	18.000	224.850	0.97533	0.97527
19	20.000	226.850	1.00000	0.99576
20	22.000	228.850	1.00000	0.99924

#SCAN: 5 14-1_e_21_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	206.850	0.0	5.00083E-5
1	2.000	207.850	0.0	1.70107E-3
2	4.000	208.850	0.0	4.00937E-3
3	6.000	209.850	0.0	7.29110E-3
4	8.000	210.850	0.0	1.20603E-2
5	10.000	211.850	0.0	1.91903E-2
6	12.000	212.850	9.75062E-3	3.02374E-2
7	14.000	213.850	1.95496E-2	4.81134E-2
8	16.000	214.850	3.85146E-2	7.84920E-2
9	18.000	215.850	6.36698E-2	0.13252
10	20.000	216.850	0.10421	0.23009
11	22.000	217.850	0.24603	0.39392
12	24.000	218.850	0.44986	0.61012
13	26.000	219.850	0.71297	0.80073
14	28.000	220.850	0.93089	0.91298
15	30.000	221.850	0.97975	0.96435
16	32.000	222.850	0.98855	0.98556
17	34.000	223.850	0.99427	0.99410
18	36.000	224.850	1.00000	0.99756
19	38.000	225.850	1.00000	0.99898
20	40.000	226.850	1.00000	0.99957

#SCAN: 8 14-1_e_18_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	202.850	0.0	5.00083E-5
1	4.000	203.850	0.0	1.11655E-3
2	8.000	204.850	0.0	2.58509E-3
3	12.000	205.850	0.0	4.62923E-3
4	16.000	206.850	0.0	7.51640E-3
5	20.000	207.850	0.0	1.16735E-2
6	24.000	208.850	0.0	1.78112E-2
7	28.000	209.850	0.0	2.71682E-2
8	32.000	210.850	1.00426E-2	4.20120E-2
9	36.000	211.850	2.63607E-2	6.66843E-2
10	40.000	212.850	6.15322E-2	0.10971
11	44.000	213.850	0.12820	0.18718
12	48.000	214.850	0.30197	0.32278
13	52.000	215.850	0.62761	0.52394
14	56.000	216.850	0.93879	0.73451
15	60.000	217.850	0.97931	0.87828
16	64.000	218.850	0.99464	0.94946
17	68.000	219.850	0.99415	0.97960
18	72.000	220.850	1.00000	0.99175
19	76.000	221.850	1.00000	0.99663
20	80.000	222.850	1.00000	0.99860

#SCAN:11 14-1_e_25_0.1.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	201.850	0.0	5.00083E-5
1	10.000	202.850	0.0	2.08776E-3
2	20.000	203.850	0.0	4.99170E-3
3	30.000	204.850	0.0	9.21889E-3
4	40.000	205.850	0.0	1.55453E-2
5	50.000	206.850	0.0	2.53556E-2
6	60.000	207.850	0.0	4.12527E-2
7	70.000	208.850	1.86714E-2	6.83662E-2
8	80.000	209.850	3.73884E-2	0.11703
9	90.000	210.850	9.84100E-2	0.20678
10	100.000	211.850	0.19875	0.36367
11	110.000	212.850	0.42099	0.58296
12	120.000	213.850	0.65000	0.78623
13	130.000	214.850	0.84956	0.90806

9	9.000	218.850	0.20605	0.16446
10	10.000	219.850	0.34365	0.28618
11	11.000	220.850	0.55779	0.47583
12	12.000	221.850	0.78803	0.69188
13	13.000	222.850	0.95814	0.85294
14	14.000	223.850	0.99127	0.93751
15	15.000	224.850	1.00000	0.97443
16	16.000	225.850	0.99954	0.98955
17	17.000	226.850	1.00000	0.99568
18	18.000	227.850	1.00000	0.99819
19	19.000	228.850	1.00000	0.99923
20	20.000	229.850	1.00000	0.99967

#SCAN: 6 14-1_e_22_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	206.850	0.0	5.00083E-5
1	2.000	207.850	0.0	1.70107E-3
2	4.000	208.850	0.0	4.00937E-3
3	6.000	209.850	0.0	7.29110E-3
4	8.000	210.850	0.0	1.20603E-2
5	10.000	211.850	0.0	1.91903E-2
6	12.000	212.850	3.72058E-3	3.02374E-2
7	14.000	213.850	1.35582E-2	4.81134E-2
8	16.000	214.850	3.56973E-2	7.84920E-2
9	18.000	215.850	0.11317	0.13252
10	20.000	216.850	0.30784	0.23009
11	22.000	217.850	0.57726	0.39392
12	24.000	218.850	0.78291	0.61012
13	26.000	219.850	0.92441	0.80073
14	28.000	220.850	0.97965	0.91298
15	30.000	221.850	0.99781	0.96435
16	32.000	222.850	0.99736	0.98556
17	34.000	223.850	1.00000	0.99410
18	36.000	224.850	1.00000	0.99756
19	38.000	225.850	1.00000	0.99898
20	40.000	226.850	1.00000	0.99957

#SCAN: 9 14-1_e_23_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	204.850	0.0	5.00083E-5
1	4.000	205.850	0.0	1.94616E-3
2	8.000	206.850	0.0	4.62559E-3
3	12.000	207.850	0.0	8.48631E-3
4	16.000	208.850	3.57794E-3	1.41921E-2
5	20.000	209.850	1.30595E-2	2.29043E-2
6	24.000	210.850	2.55647E-2	3.67578E-2
7	28.000	211.850	4.70267E-2	5.98733E-2
8	32.000	212.850	8.34676E-2	0.10045
9	36.000	213.850	0.15288	0.17435
10	40.000	214.850	0.28538	0.30621
11	44.000	215.850	0.46038	0.50734
12	48.000	216.850	0.70215	0.72376
13	52.000	217.850	0.89977	0.87369
14	56.000	218.850	0.96851	0.94791
15	60.000	219.850	0.98014	0.97912
16	64.000	220.850	0.99481	0.99160
17	68.000	221.850	0.99741	0.99658
18	72.000	222.850	1.00000	0.99859
19	76.000	223.850	1.00000	0.99941
20	80.000	224.850	1.00000	0.99975

#SCAN:12 14-1_e_26_0.1.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	199.850	0.0	5.00083E-5
1	10.000	200.850	0.0	1.18688E-3
2	20.000	201.850	0.0	2.76183E-3
3	30.00			

14 56.000 217.850 0.99778 0.87633
15 60.000 218.850 0.99738 0.94880
16 64.000 219.850 1.00000 0.97940
17 68.000 220.850 1.00000 0.99169
18 72.000 221.850 1.00000 0.99661
19 76.000 222.850 1.00000 0.99860
20 80.000 223.850 1.00000 0.99941

#Project:14-1_model_experimental
#Meas. type:ALPHA
#Model Step 1: 1st order with autocatalysis by B
#STATISTICS
#Least Squares: 522.58054
#Mean of residues: 1.44005
#Max.No of cycles: 50
#Number of cycles: 14
#Correlation coefficient: 0.943432
#Rel.precision:0.001000
#t-critical(0.95;126): 1.970
#Durbin-Watson Value: 0.238
#Durbin-Watson Factor: 2.113
#SCAN: 1 14-1_e_9_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	2.000	198.850	0.0	2.12331E-4
2	4.000	200.850	0.0	5.00624E-4
3	6.000	202.850	0.0	1.01156E-3
4	8.000	204.850	0.0	1.91707E-3
5	10.000	206.850	0.0	3.52733E-3
6	12.000	208.850	0.0	6.41780E-3
7	14.000	210.850	0.0	1.17071E-2
8	16.000	212.850	1.33005E-3	2.17361E-2
9	18.000	214.850	2.75799E-2	4.19517E-2
10	20.000	216.850	0.16670	8.68460E-2
11	21.000	217.850	0.35587	0.12980
12	22.000	218.850	0.64007	0.19964
13	23.000	219.850	0.86245	0.31334
14	24.000	220.850	0.98158	0.48634
15	25.000	221.850	1.00000	0.70068
16	26.000	222.850	0.99631	0.88038
17	27.000	223.850	1.00000	0.96966
18	28.000	224.850	1.00000	0.99531
19	29.000	225.850	1.00000	0.99959
20	30.000	226.850	1.00000	0.99998

#SCAN: 4 14-1_e_16_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	206.850	0.0	5.00083E-5
1	2.000	207.850	0.0	2.41030E-3
2	4.000	208.850	0.0	5.65074E-3
3	6.000	209.850	0.0	1.01520E-2
4	8.000	210.850	0.0	1.65018E-2
5	10.000	211.850	0.0	2.56392E-2
6	12.000	212.850	3.63228E-3	3.91227E-2
7	14.000	213.850	1.03121E-2	5.96414E-2
8	16.000	214.850	2.00382E-2	9.19937E-2
9	18.000	215.850	5.10493E-2	0.14486
10	20.000	216.850	0.12175	0.23328
11	22.000	217.850	0.19883	0.37793
12	24.000	218.850	0.33122	0.58562
13	26.000	219.850	0.57436	0.80291
14	28.000	220.850	0.75711	0.94032
15	30.000	221.850	0.92216	0.98904
16	32.000	222.850	0.97081	0.99884
17	34.000	223.850	0.98878	0.99994
18	36.000	224.850	0.99753	1.00000
19	38.000	225.850	1.00000	1.00000
20	40.000	226.850	1.00000	1.00000

#SCAN: 7 14-1_e_17_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	202.850	0.0	5.00083E-5
1	4.000	203.850	0.0	1.59408E-3
2	8.000	204.850	0.0	3.69368E-3
3	12.000	205.850	0.0	6.57046E-3
4	16.000	206.850	0.0	1.05526E-2

14 140.000 215.850 0.98291 0.96321
15 150.000 216.850 0.99165 0.98546
16 160.000 217.850 0.99736 0.99420
17 170.000 218.850 1.00000 0.99765
18 180.000 219.850 0.99958 0.99904
19 200.000 221.850 1.00000 0.99983
20 280.000 229.850 1.00000 1.00000

#SCAN: 2 14-1_e_19_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	206.850	0.0	5.00083E-5
1	1.000	207.850	0.0	1.21943E-3
2	2.000	208.850	0.0	2.79166E-3
3	3.000	209.850	0.0	4.91689E-3
4	4.000	210.850	0.0	7.81090E-3
5	5.000	211.850	0.0	1.17908E-2
6	6.000	212.850	0.0	1.73359E-2
7	7.000	213.850	0.0	2.51929E-2
8	8.000	214.850	0.0	3.65676E-2
9	9.000	215.850	0.0	5.34793E-2
10	10.000	216.850	1.03106E-2	7.94310E-2
11	11.000	217.850	2.06505E-2	0.12065
12	12.000	218.850	4.06328E-2	0.18807
13	13.000	219.850	9.91830E-2	0.29897
14	14.000	220.850	0.19652	0.47045
15	15.000	221.850	0.39087	0.68763
16	16.000	222.850	0.65053	0.87386
17	17.000	223.850	0.92093	0.96784
18	18.000	224.850	0.97533	0.99502
19	20.000	226.850	1.00000	0.99998
20	22.000	228.850	1.00000	1.00000

#SCAN: 5 14-1_e_21_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	206.850	0.0	5.00083E-5
1	2.000	207.850	0.0	2.41030E-3
2	4.000	208.850	0.0	5.65074E-3
3	6.000	209.850	0.0	1.01520E-2
4	8.000	210.850	0.0	1.65018E-2
5	10.000	211.850	0.0	2.56392E-2
6	12.000	212.850	9.75062E-3	3.91227E-2
7	14.000	213.850	1.95496E-2	5.96414E-2
8	16.000	214.850	3.85146E-2	9.19937E-2
9	18.000	215.850	6.36698E-2	0.14486
10	20.000	216.850	0.10421	0.23328
11	22.000	217.850	0.24603	0.37793
12	24.000	218.850	0.44986	0.58562
13	26.000	219.850	0.71297	0.80291
14	28.000	220.850	0.93089	0.94032
15	30.000	221.850	0.97975	0.98904
16	32.000	222.850	0.98855	0.99884
17	34.000	223.850	0.99427	0.99994
18	36.000	224.850	1.00000	1.00000
19	38.000	225.850	1.00000	1.00000
20	40.000	226.850	1.00000	1.00000

#SCAN: 8 14-1_e_18_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	202.850	0.0	5.00083E-5
1	4.000	203.850	0.0	1.59408E-3
2	8.000	204.850	0.0	3.69368E-3
3	12.000	205.850	0.0	6.57046E-3
4	16.000	206.850	0.0	1.05526E-2

#SCAN: 9 14-1_e_23_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	204.850	0.0	5.00083E-5
1	4.000	205.850	0.0	2.77199E-3
2	8.000	206.850	0.0	6.54139E-3
3	12.000	207.850	0.0	1.18334E-2
4	16.000	208.850	3.57794E-3	1.93976E-2

14 140.000 213.850 0.94842 0.79507
15 150.000 214.850 0.99195 0.91140
16 160.000 215.850 0.99156 0.96427
17 170.000 216.850 1.00000 0.98578
18 180.000 217.850 1.00000 0.99430
19 190.000 218.850 1.00000 0.99768
20 200.000 219.850 1.00000 0.99905

#SCAN: 3 14-1_e_20_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	209.850	0.0	5.00083E-5
1	1.000	210.850	0.0	2.73996E-3
2	2.000	211.850	0.0	6.44122E-3
3	3.000	212.850	0.0	1.16016E-2
4	4.000	213.850	0.0	1.89212E-2
5	5.000	214.850	9.65066E-3	2.95331E-2
6	6.000	215.850	1.93290E-2	4.53448E-2
7	7.000	216.850	5.01661E-2	6.96873E-2
8	8.000	217.850	9.32050E-2	0.10854
9	9.000	218.850	0.20605	0.17264
10	10.000	219.850	0.34365	0.27952
11	11.000	220.850	0.55779	0.44845
12	12.000	221.850	0.78803	0.66901
13	13.000	222.850	0.95814	0.86433
14	14.000	223.850	0.99127	0.96515
15	15.000	224.850	1.00000	0.99459
16	16.000	225.850	0.99954	0.99953
17	17.000	226.850	1.00000	0.99998
18	18.000	227.850	1.00000	1.00000
19	19.000	228.850	1.00000	1.00000
20	20.000	229.850	1.00000	1.00000

#SCAN: 6 14-1_e_22_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	206.850	0.0	5.00083E-5
1	2.000	207.850	0.0	2.41030E-3
2	4.000	208.850	0.0	5.65074E-3
3	6.000	209.850	0.0	1.01520E-2
4	8.000	210.850	0.0	1.65018E-2
5	10.000	211.850	0.0	2.56392E-2
6	12.000	212.850	3.72058E-3	3.91227E-2
7	14.000	213.850	1.35582E-2	5.96414E-2
8	16.000	214.850	3.56973E-2	9.19937E-2
9	18.000	215.850	0.11317	0.14486
10	20.000	216.850	0.30784	0.23328
11	22.000	217.850	0.57726	0.37793
12	24.000	218.850	0.78291	0.58562
13	26.000	219.850	0.92441	0.80291
14	28.000	220.850	0.97965	0.94032
15	30.000	221.850	0.99781	0.98904
16	32.000	222.850	0.99736	0.99884
17	34.000	223.850	1.00000	0.99994
18	36.000	224.850	1.00000	1.00000
19	38.000	225.850	1.00000	1.00000
20	40.000	226.850	1.00000	1.00000

#SCAN: 9 14-1_e_23_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	204.850	0.0	5.00083E-5
1	4.000	205.850	0.0	2.77199E-3
2	8.000	206.850	0.0	6.54139E-3
3	12.000	207.850	0.0	1.18334E-2
4	16.000	208.850	3.57794E-3	1.93976E-2

5	20.000	207.850	0.0	1.61403E-2
6	24.000	208.850	0.0	2.41209E-2
7	28.000	209.850	0.0	3.57804E-2
8	32.000	210.850	0.0	5.33026E-2
9	36.000	211.850	9.76430E-3	8.05339E-2
10	40.000	212.850	1.65219E-2	0.12441
11	44.000	213.850	3.55008E-2	0.19729
12	48.000	214.850	7.90268E-2	0.31838
13	52.000	215.850	0.21770	0.50413
14	56.000	216.850	0.51660	0.72834
15	60.000	217.850	0.82593	0.90216
16	64.000	218.850	0.96695	0.97845
17	68.000	219.850	0.99427	0.99722
18	72.000	220.850	1.00000	0.99981
19	76.000	221.850	0.99955	0.99999
20	80.000	222.850	1.00000	1.00000

#SCAN:10 14-1_e_24_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	203.850	0.0	5.00083E-5
1	4.000	204.850	0.0	2.10005E-3
2	8.000	205.850	0.0	4.90928E-3
3	12.000	206.850	0.0	8.79864E-3
4	16.000	207.850	0.0	1.42573E-2
5	20.000	208.850	3.57335E-3	2.20564E-2
6	24.000	209.850	1.00865E-2	3.34565E-2
7	28.000	210.850	3.73813E-2	5.06013E-2
8	32.000	211.850	8.25882E-2	7.72762E-2
9	36.000	212.850	0.16665	0.12034
10	40.000	213.850	0.30470	0.19206
11	44.000	214.850	0.56279	0.31183
12	48.000	215.850	0.80098	0.49700
13	52.000	216.850	0.97117	0.72284
14	56.000	217.850	0.99778	0.89974
15	60.000	218.850	0.99738	0.97787
16	64.000	219.850	1.00000	0.99715
17	68.000	220.850	1.00000	0.99980
18	72.000	221.850	1.00000	0.99999
19	76.000	222.850	1.00000	1.00000
20	80.000	223.850	1.00000	1.00000

#Project:14-1_model_experimental
#Meas. type:ALPHA
#Model Step 1: 3-dim. Avrami-Erofeev
#STATISTICS
#Least Squares: 574.37794
#Mean of residues: 1.50973
#Max.No of cycles: 50
#Number of cycles: 8
#Correlation coefficient: 0.937639
#Rel.precision:0.001000
#t-critical(0.95;127): 1.970
#Durbin-Watson Value: 0.299
#Durbin-Watson Factor: 1.900
#SCAN: 1 14-1_e_9_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	2.000	198.850	0.0	5.41426E-5
2	4.000	200.850	0.0	6.18249E-5
3	6.000	202.850	0.0	7.67040E-5
4	8.000	204.850	0.0	1.07457E-4
5	10.000	206.850	0.0	1.77210E-4
6	12.000	208.850	0.0	3.55335E-4
7	14.000	210.850	0.0	8.74568E-4
8	16.000	212.850	1.33005E-3	2.59321E-3
9	18.000	214.850	2.75799E-2	8.90372E-3
10	20.000	216.850	0.16670	3.36598E-2
11	21.000	217.850	0.35587	6.65399E-2
12	22.000	218.850	0.64007	0.13089
13	23.000	219.850	0.86245	0.25068
14	24.000	220.850	0.98158	0.45003
15	25.000	221.850	1.00000	0.71202
16	26.000	222.850	0.99631	0.92575
17	27.000	223.850	1.00000	0.99567
18	28.000	224.850	1.00000	0.99999

5	20.000	207.850	0.0	1.61403E-2
6	24.000	208.850	0.0	2.41209E-2
7	28.000	209.850	0.0	3.57804E-2
8	32.000	210.850	1.00426E-2	5.33026E-2
9	36.000	211.850	2.63607E-2	8.05339E-2
10	40.000	212.850	6.15322E-2	0.12441
11	44.000	213.850	0.12820	0.19729
12	48.000	214.850	0.30197	0.31838
13	52.000	215.850	0.62761	0.50413
14	56.000	216.850	0.93879	0.72834
15	60.000	217.850	0.97931	0.90216
16	64.000	218.850	0.99464	0.97845
17	68.000	219.850	0.99415	0.99722
18	72.000	220.850	1.00000	0.99981
19	76.000	221.850	1.00000	0.99999
20	80.000	222.850	1.00000	1.00000

#SCAN:11 14-1_e_25_0.1.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	201.850	0.0	5.00083E-5
1	10.000	202.850	0.0	2.99661E-3
2	20.000	203.850	0.0	7.10771E-3
3	30.000	204.850	0.0	1.29309E-2
4	40.000	205.850	0.0	2.13438E-2
5	50.000	206.850	0.0	3.38093E-2
6	60.000	207.850	0.0	5.28692E-2
7	70.000	208.850	1.86714E-2	8.31106E-2
8	80.000	209.850	3.73884E-2	0.13299
9	90.000	210.850	9.84100E-2	0.21764
10	100.000	211.850	0.19875	0.35933
11	110.000	212.850	0.42099	0.56913
12	120.000	213.850	0.65000	0.79516
13	130.000	214.850	0.84956	0.93940
14	140.000	215.850	0.98291	0.98942
15	150.000	216.850	0.99165	0.99897
16	160.000	217.850	0.99736	0.99995
17	170.000	218.850	1.00000	1.00000
18	180.000	219.850	0.99958	1.00000
19	200.000	221.850	1.00000	1.00000
20	280.000	229.850	1.00000	1.00000

#SCAN: 2 14-1_e_19_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	206.850	0.0	5.00083E-5
1	1.000	207.850	0.0	8.06822E-5
2	2.000	208.850	0.0	1.36626E-4
3	3.000	209.850	0.0	2.41723E-4
4	4.000	210.850	0.0	4.44390E-4
5	5.000	211.850	0.0	8.44025E-4
6	6.000	212.850	0.0	1.64663E-3
7	7.000	213.850	0.0	3.28186E-3
8	8.000	214.850	0.0	6.64841E-3
9	9.000	215.850	0.0	1.36222E-2
10	10.000	216.850	1.03106E-2	2.80798E-2
11	11.000	217.850	2.06505E-2	5.78280E-2
12	12.000	218.850	4.06328E-2	0.11768
13	13.000	219.850	9.91830E-2	0.23202
14	14.000	220.850	0.19652	0.42746
15	15.000	221.850	0.39087	0.69241
16	16.000	222.850	0.65053	0.91728
17	17.000	223.850	0.92093	0.99483
18	18.000	224.850	0.97533	0.99998

5	20.000	209.850	1.30595E-2	3.04614E-2
6	24.000	210.850	2.55647E-2	4.71164E-2
7	28.000	211.850	4.70267E-2	7.30669E-2
8	32.000	212.850	8.34676E-2	0.11506
9	36.000	213.850	0.15288	0.18526
10	40.000	214.850	0.28538	0.30325
11	44.000	215.850	0.46038	0.48754
12	48.000	216.850	0.70215	0.71546
13	52.000	217.850	0.89977	0.89644
14	56.000	218.850	0.96851	0.97708
15	60.000	219.850	0.98014	0.99704
16	64.000	220.850	0.99481	0.99980
17	68.000	221.850	0.99741	0.99999
18	72.000	222.850	1.00000	1.00000
19	76.000	223.850	1.00000	1.00000
20	80.000	224.850	1.00000	1.00000

#SCAN:12 14-1_e_26_0.1.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	199.850	0.0	5.00083E-5
1	10.000	200.850	0.0	1.70835E-3
2	20.000	201.850	0.0	3.97608E-3
3	30.000	202.850	0.0	7.10312E-3
4	40.000	203.850	9.13664E-3	1.14639E-2
5	50.000	204.850	1.54371E-2	1.76369E-2
6	60.000	205.850	2.17625E-2	2.65468E-2
7	70.000	206.850	3.67680E-2	3.97305E-2
8	80.000	207.850	5.76070E-2	5.98471E-2
9	90.000	208.850	0.10462	9.16624E-2
10	100.000	209.850	0.19825	0.14387
11	110.000	210.850	0.34756	0.23169
12	120.000	211.850	0.53518	0.37655
13	130.000	212.850	0.74148	0.58628
14	140.000	213.850	0.94842	0.80608
15	150.000	214.850	0.99195	0.94314
16	160.000	215.850	0.99156	0.99011
17	170.000	216.850	1.00000	0.99904
18	180.000	217.850	1.00000	0.99995
19	190.000	218.850	1.00000	1.00000
20	200.000	219.850	1.00000	1.00000

#SCAN: 3 14-1_e_20_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	209.850	0.0	5.00083E-5
1	1.000	210.850	0.0	1.31584E-4
2	2.000	211.850	0.0	3.29382E-4
3	3.000	212.850	0.0	7.95397E-4
4	4.000	213.850	0.0	1.86984E-3
5	5.000	214.850	9.65066E-3	4.30486E-3
6	6.000	215.850	1.93290E-2	9.74159E-3
7	7.000	216.850	5.01661E-2	2.16984E-2
8	8.000	217.850	9.32050E-2	4.74984E-2
9	9.000	218.850	0.20605	0.10152
10	10.000	219.850	0.34365	0.20848
11	11.000	220.850	0.55779	0.39802
12	12.000	221.850	0.78803	0.66573
13	13.000	222.850	0.95814	0.90506
14	14.000	223.850	0.99127	0.99351
15	15.000	224.850	1.00000	0.99998
16	16.000	225.850	0.99954	1.00000
17	17.000	226.850	1.00000	1.00000
18	18.000	227.850	1.00000	1.00000

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19 29.000 225.850 1.00000 1.00000
20 30.000 226.850 1.00000 1.00000
#SCAN: 4 14-1_e_16_0.5.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 206.850 0.0 5.00083E-5
1 2.000 207.850 0.0 1.21870E-4
2 4.000 208.850 0.0 2.89662E-4
3 6.000 209.850 0.0 6.75414E-4
4 8.000 210.850 0.0 1.55127E-3
5 10.000 211.850 0.0 3.51898E-3
6 12.000 212.850 3.63228E-3 7.89620E-3
7 14.000 213.850 1.03121E-2 1.75292E-2
8 16.000 214.850 2.00382E-2 3.84238E-2
9 18.000 215.850 5.10493E-2 8.26755E-2
10 20.000 216.850 0.12175 0.17226
11 22.000 217.850 0.19883 0.33783
12 24.000 218.850 0.33122 0.59138
13 26.000 219.850 0.57436 0.85560
14 28.000 220.850 0.75711 0.98453
15 30.000 221.850 0.92216 0.99987
16 32.000 222.850 0.97081 1.00000
17 34.000 223.850 0.98878 1.00000
18 36.000 224.850 0.99753 1.00000
19 38.000 225.850 1.00000 1.00000
20 40.000 226.850 1.00000 1.00000

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#SCAN: 7 14-1_e_17_0.25.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 202.850 0.0 5.00083E-5
1 4.000 203.850 0.0 9.48205E-5
2 8.000 204.850 0.0 1.85742E-4
3 12.000 205.850 0.0 3.73622E-4
4 16.000 206.850 0.0 7.67479E-4
5 20.000 207.850 0.0 1.60210E-3
6 24.000 208.850 0.0 3.38412E-3
7 28.000 209.850 0.0 7.20547E-3
8 32.000 210.850 0.0 1.54049E-2
9 36.000 211.850 9.76430E-3 3.29158E-2
10 40.000 212.850 1.65219E-2 6.97859E-2
11 44.000 213.850 3.55008E-2 0.14491
12 48.000 214.850 7.90268E-2 0.28742
13 52.000 215.850 0.21770 0.51959
14 56.000 216.850 0.51660 0.79490
15 60.000 217.850 0.82593 0.96723
16 64.000 218.850 0.96695 0.99936
17 68.000 219.850 0.99427 1.00000
18 72.000 220.850 1.00000 1.00000
19 76.000 221.850 0.99955 1.00000
20 80.000 222.850 1.00000 1.00000

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#SCAN:10 14-1_e_24_0.25.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 203.850 0.0 5.00083E-5
1 4.000 204.850 0.0 1.12670E-4
2 8.000 205.850 0.0 2.53246E-4
3 12.000 206.850 0.0 5.67705E-4
4 16.000 207.850 0.0 1.26889E-3
5 20.000 208.850 3.57335E-3 2.82684E-3
6 24.000 209.850 1.00865E-2 6.27306E-3
7 28.000 210.850 3.73813E-2 1.38496E-2
8 32.000 211.850 8.25882E-2 3.03445E-2
9 36.000 212.850 0.16665 6.56218E-2
10 40.000 213.850 0.30470 0.13847
11 44.000 214.850 0.56279 0.27838
12 48.000 215.850 0.80098 0.50932
13 52.000 216.850 0.97117 0.78750
14 56.000 217.850 0.99778 0.96523
15 60.000 218.850 0.99738 0.99930
16 64.000 219.850 1.00000 1.00000
17 68.000 220.850 1.00000 1.00000
18 72.000 221.850 1.00000 1.00000
19 76.000 222.850 1.00000 1.00000
20 80.000 223.850 1.00000 1.00000

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#Project:14-1_model_experimental
#Meas. type:ALPHA

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19 20.000 226.850 1.00000 1.00000
20 22.000 228.850 1.00000 1.00000
#SCAN: 5 14-1_e_21_0.5.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 206.850 0.0 5.00083E-5
1 2.000 207.850 0.0 1.21870E-4
2 4.000 208.850 0.0 2.89662E-4
3 6.000 209.850 0.0 6.75414E-4
4 8.000 210.850 0.0 1.55127E-3
5 10.000 211.850 0.0 3.51898E-3
6 12.000 212.850 9.75062E-3 7.89620E-3
7 14.000 213.850 1.95496E-2 1.75292E-2
8 16.000 214.850 3.85146E-2 3.84238E-2
9 18.000 215.850 6.36698E-2 8.26755E-2
10 20.000 216.850 0.10421 0.17226
11 22.000 217.850 0.24603 0.33783
12 24.000 218.850 0.44986 0.59138
13 26.000 219.850 0.71297 0.85560
14 28.000 220.850 0.93089 0.98453
15 30.000 221.850 0.97975 0.99987
16 32.000 222.850 0.98855 1.00000
17 34.000 223.850 0.99427 1.00000
18 36.000 224.850 1.00000 1.00000
19 38.000 225.850 1.00000 1.00000
20 40.000 226.850 1.00000 1.00000

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#SCAN: 8 14-1_e_18_0.25.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 202.850 0.0 5.00083E-5
1 4.000 203.850 0.0 9.48205E-5
2 8.000 204.850 0.0 1.85742E-4
3 12.000 205.850 0.0 3.73622E-4
4 16.000 206.850 0.0 7.67479E-4
5 20.000 207.850 0.0 1.60210E-3
6 24.000 208.850 0.0 3.38412E-3
7 28.000 209.850 0.0 7.20547E-3
8 32.000 210.850 1.00426E-2 1.54049E-2
9 36.000 211.850 2.63607E-2 3.29158E-2
10 40.000 212.850 6.15322E-2 6.97859E-2
11 44.000 213.850 0.12820 0.14491
12 48.000 214.850 0.30197 0.28742
13 52.000 215.850 0.62761 0.51959
14 56.000 216.850 0.93879 0.79490
15 60.000 217.850 0.97931 0.96723
16 64.000 218.850 0.99464 0.99936
17 68.000 219.850 0.99415 1.00000
18 72.000 220.850 1.00000 1.00000
19 76.000 221.850 1.00000 1.00000
20 80.000 222.850 1.00000 1.00000

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#SCAN:11 14-1_e_25_0.1.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 201.850 0.0 5.00083E-5
1 10.000 202.850 0.0 1.53652E-4
2 20.000 203.850 0.0 4.29556E-4
3 30.000 204.850 0.0 1.12749E-3
4 40.000 205.850 0.0 2.83075E-3
5 50.000 206.850 0.0 6.87604E-3
6 60.000 207.850 0.0 1.62656E-2
7 70.000 208.850 1.86714E-2 3.75513E-2
8 80.000 209.850 3.73884E-2 8.42981E-2
9 90.000 210.850 9.84100E-2 0.18153
10 100.000 211.850 0.19875 0.36329
11 110.000 212.850 0.42099 0.63557
12 120.000 213.850 0.65000 0.89377
13 130.000 214.850 0.84956 0.99292
14 140.000 215.850 0.98291 0.99998
15 150.000 216.850 0.99165 1.00000
16 160.000 217.850 0.99736 1.00000
17 170.000 218.850 1.00000 1.00000
18 180.000 219.850 0.99958 1.00000
19 200.000 221.850 1.00000 1.00000
20 280.000 229.850 1.00000 1.00000

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19 19.000 228.850 1.00000 1.00000
20 20.000 229.850 1.00000 1.00000
#SCAN: 6 14-1_e_22_0.5.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 206.850 0.0 5.00083E-5
1 2.000 207.850 0.0 1.21870E-4
2 4.000 208.850 0.0 2.89662E-4
3 6.000 209.850 0.0 6.75414E-4
4 8.000 210.850 0.0 1.55127E-3
5 10.000 211.850 0.0 3.51898E-3
6 12.000 212.850 3.72058E-3 7.89620E-3
7 14.000 213.850 1.35582E-2 1.75292E-2
8 16.000 214.850 3.56973E-2 3.84238E-2
9 18.000 215.850 0.11317 8.26755E-2
10 20.000 216.850 0.30784 0.17226
11 22.000 217.850 0.57726 0.33783
12 24.000 218.850 0.78291 0.59138
13 26.000 219.850 0.92441 0.85560
14 28.000 220.850 0.97965 0.98453
15 30.000 221.850 0.99781 0.99987
16 32.000 222.850 0.99736 1.00000
17 34.000 223.850 1.00000 1.00000
18 36.000 224.850 1.00000 1.00000
19 38.000 225.850 1.00000 1.00000
20 40.000 226.850 1.00000 1.00000

```

```

#SCAN: 9 14-1_e_23_0.25.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 204.850 0.0 5.00083E-5
1 4.000 205.850 0.0 1.39088E-4
2 8.000 206.850 0.0 3.63207E-4
3 12.000 207.850 0.0 9.07409E-4
4 16.000 208.850 3.57794E-3 2.19482E-3
5 20.000 209.850 1.30595E-2 5.17902E-3
6 24.000 210.850 2.55647E-2 1.19760E-2
7 28.000 211.850 4.70267E-2 2.71819E-2
8 32.000 212.850 8.34676E-2 6.04122E-2
9 36.000 213.850 0.15288 0.13028
10 40.000 214.850 0.28538 0.26672
11 44.000 215.850 0.46038 0.49586
12 48.000 216.850 0.70215 0.77760
13 52.000 217.850 0.89977 0.96246
14 56.000 218.850 0.96851 0.99920
15 60.000 219.850 0.98014 1.00000
16 64.000 220.850 0.99481 1.00000
17 68.000 221.850 0.99741 1.00000
18 72.000 222.850 1.00000 1.00000
19 76.000 223.850 1.00000 1.00000
20 80.000 224.850 1.00000 1.00000

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```

#SCAN:12 14-1_e_26_0.1.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 199.850 0.0 5.00083E-5
1 10.000 200.850 0.0 1.00915E-4
2 20.000 201.850 0.0 2.08612E-4
3 30.000 202.850 0.0 4.39388E-4
4 40.000 203.850 9.13664E-3 9.38597E-4
5 50.000 204.850 1.54371E-2 2.02549E-3
6 60.000 205.850 2.17625E-2 4.40075E-3
7 70.000 206.850 3.67680E-2 9.59592E-3
8 80.000 207.850 5.76070E-2 2.09241E-2
9 90.000 208.850 0.10462 4.53888E-2
10 100.000 209.850 0.19825 9.70525E-2
11 110.000 210.850 0.34756 0.20092
12 120.000 211.850 0.53518 0.38877
13 130.000 212.850 0.74148 0.65999
14 140.000 213.850 0.94842 0.90554
15 150.000 214.850 0.99195 0.99420
16 160.000 215.850 0.99156 0.99999
17 170.000 216.850 1.00000 1.00000
18 180.000 217.850 1.00000 1.00000
19 190.000 218.850 1.00000 1.00000
20 200.000 219.850 1.00000 1.00000

```

#Model Step 1: n-th order
 #STATISTICS
 #Least Squares: 631.25967
 #Mean of residues: 1.58272
 #Max.No of cycles: 50
 #Number of cycles: 16
 #Correlation coefficient: 0.931236
 #Rel.precision:0.001000
 #t-critical(0.95;126): 1.970
 #Durbin-Watson Value: 0.290
 #Durbin-Watson Factor: 1.929

#SCAN: 1 14-1_e_9_1.0.txt
 # Time/min; Temp/°C; O_Y R_Y
 0 0.000 196.850 0.0 5.00083E-5
 1 2.000 198.850 0.0 4.17908E-4
 2 4.000 200.850 0.0 1.08990E-3
 3 6.000 202.850 0.0 2.31117E-3
 4 8.000 204.850 0.0 4.51954E-3
 5 10.000 206.850 0.0 8.49318E-3
 6 12.000 208.850 0.0 1.56083E-2
 7 14.000 210.850 0.0 2.82874E-2
 8 16.000 212.850 1.33005E-3 5.07740E-2
 9 18.000 214.850 2.75799E-2 9.04670E-2
 10 20.000 216.850 0.16670 0.16021
 11 21.000 217.850 0.35587 0.21276
 12 22.000 218.850 0.64007 0.28218
 13 23.000 219.850 0.86245 0.37379
 14 24.000 220.850 0.98158 0.49454
 15 25.000 221.850 1.00000 0.65353
 16 26.000 222.850 0.99631 0.86262
 17 27.000 223.850 1.00000 1.00000
 18 28.000 224.850 1.00000 1.00000
 19 29.000 225.850 1.00000 1.00000
 20 30.000 226.850 1.00000 1.00000

#SCAN: 4 14-1_e_16_0.5.txt
 # Time/min; Temp/°C; O_Y R_Y
 0 0.000 206.850 0.0 5.00083E-5
 1 2.000 207.850 0.0 6.14013E-3
 2 4.000 208.850 0.0 1.42803E-2
 3 6.000 209.850 0.0 2.51477E-2
 4 8.000 210.850 0.0 3.96385E-2
 5 10.000 211.850 0.0 5.89380E-2
 6 12.000 212.850 3.63228E-3 8.46115E-2
 7 14.000 213.850 1.03121E-2 0.11872
 8 16.000 214.850 2.00382E-2 0.16400
 9 18.000 215.850 5.10493E-2 0.22401
 10 20.000 216.850 0.12175 0.30348
 11 22.000 217.850 0.19883 0.40858
 12 24.000 218.850 0.33122 0.54743
 13 26.000 219.850 0.57436 0.73064
 14 28.000 220.850 0.75711 0.97214
 15 30.000 221.850 0.92216 1.00000
 16 32.000 222.850 0.97081 1.00000
 17 34.000 223.850 0.98878 1.00000
 18 36.000 224.850 0.99753 1.00000
 19 38.000 225.850 1.00000 1.00000
 20 40.000 226.850 1.00000 1.00000

#SCAN: 7 14-1_e_17_0.25.txt
 # Time/min; Temp/°C; O_Y R_Y
 0 0.000 202.850 0.0 5.00083E-5
 1 4.000 203.850 0.0 3.81989E-3
 2 8.000 204.850 0.0 8.88349E-3
 3 12.000 205.850 0.0 1.56764E-2
 4 16.000 206.850 0.0 2.47781E-2
 5 20.000 207.850 0.0 3.69583E-2
 6 24.000 208.850 0.0 5.32387E-2
 7 28.000 209.850 0.0 7.49734E-2
 8 32.000 210.850 0.0 0.10395
 9 36.000 211.850 9.76430E-3 0.14255
 10 40.000 212.850 1.65219E-2 0.19390
 11 44.000 213.850 3.55008E-2 0.26213
 12 48.000 214.850 7.90268E-2 0.35267
 13 52.000 215.850 0.21770 0.47270
 14 56.000 216.850 0.51660 0.63163

#SCAN: 2 14-1_e_19_1.0.txt
 # Time/min; Temp/°C; O_Y R_Y
 0 0.000 206.850 0.0 5.00083E-5
 1 1.000 207.850 0.0 3.09507E-3
 2 2.000 208.850 0.0 7.16518E-3
 3 3.000 209.850 0.0 1.25988E-2
 4 4.000 210.850 0.0 1.98443E-2
 5 5.000 211.850 0.0 2.94940E-2
 6 6.000 212.850 0.0 4.23308E-2
 7 7.000 213.850 0.0 5.93872E-2
 8 8.000 214.850 0.0 8.20238E-2
 9 9.000 215.850 0.0 0.11203
 10 10.000 216.850 1.03106E-2 0.15176
 11 11.000 217.850 2.06505E-2 0.20432
 12 12.000 218.850 4.06328E-2 0.27374
 13 13.000 219.850 9.91830E-2 0.36535
 14 14.000 220.850 0.19652 0.48610
 15 15.000 221.850 0.39087 0.64509
 16 16.000 222.850 0.65053 0.85418
 17 17.000 223.850 0.92093 1.00000
 18 18.000 224.850 0.97533 1.00000
 19 20.000 226.850 1.00000 1.00000
 20 22.000 228.850 1.00000 1.00000

#SCAN: 5 14-1_e_21_0.5.txt
 # Time/min; Temp/°C; O_Y R_Y
 0 0.000 206.850 0.0 5.00083E-5
 1 2.000 207.850 0.0 6.14013E-3
 2 4.000 208.850 0.0 1.42803E-2
 3 6.000 209.850 0.0 2.51477E-2
 4 8.000 210.850 0.0 3.96385E-2
 5 10.000 211.850 0.0 5.89380E-2
 6 12.000 212.850 9.75062E-3 8.46115E-2
 7 14.000 213.850 1.95496E-2 0.11872
 8 16.000 214.850 3.85146E-2 0.16400
 9 18.000 215.850 6.36698E-2 0.22401
 10 20.000 216.850 0.10421 0.30348
 11 22.000 217.850 0.24603 0.40858
 12 24.000 218.850 0.44986 0.54743
 13 26.000 219.850 0.71297 0.73064
 14 28.000 220.850 0.93089 0.97214
 15 30.000 221.850 0.97975 1.00000
 16 32.000 222.850 0.98855 1.00000
 17 34.000 223.850 0.99427 1.00000
 18 36.000 224.850 1.00000 1.00000
 19 38.000 225.850 1.00000 1.00000
 20 40.000 226.850 1.00000 1.00000

#SCAN: 8 14-1_e_18_0.25.txt
 # Time/min; Temp/°C; O_Y R_Y
 0 0.000 202.850 0.0 5.00083E-5
 1 4.000 203.850 0.0 3.81989E-3
 2 8.000 204.850 0.0 8.88349E-3
 3 12.000 205.850 0.0 1.56764E-2
 4 16.000 206.850 0.0 2.47781E-2
 5 20.000 207.850 0.0 3.69583E-2
 6 24.000 208.850 0.0 5.32387E-2
 7 28.000 209.850 0.0 7.49734E-2
 8 32.000 210.850 1.00426E-2 0.10395
 9 36.000 211.850 2.63607E-2 0.14255
 10 40.000 212.850 6.15322E-2 0.19390
 11 44.000 213.850 0.12820 0.26213
 12 48.000 214.850 0.30197 0.35267
 13 52.000 215.850 0.62761 0.47270
 14 56.000 216.850 0.93879 0.63163

#SCAN: 3 14-1_e_20_1.0.txt
 # Time/min; Temp/°C; O_Y R_Y
 0 0.000 209.850 0.0 5.00083E-5
 1 1.000 210.850 0.0 7.29542E-3
 2 2.000 211.850 0.0 1.69452E-2
 3 3.000 212.850 0.0 2.97820E-2
 4 4.000 213.850 0.0 4.68383E-2
 5 5.000 214.850 9.65066E-3 6.94750E-2
 6 6.000 215.850 1.93290E-2 9.94827E-2
 7 7.000 216.850 5.01661E-2 0.13922
 8 8.000 217.850 9.32050E-2 0.19177
 9 9.000 218.850 0.20605 0.26119
 10 10.000 219.850 0.34365 0.35280
 11 11.000 220.850 0.55779 0.47355
 12 12.000 221.850 0.78803 0.63254
 13 13.000 222.850 0.95814 0.84163
 14 14.000 223.850 0.99127 1.00000
 15 15.000 224.850 1.00000 1.00000
 16 16.000 225.850 0.99954 1.00000
 17 17.000 226.850 1.00000 1.00000
 18 18.000 227.850 1.00000 1.00000
 19 19.000 228.850 1.00000 1.00000
 20 20.000 229.850 1.00000 1.00000

#SCAN: 6 14-1_e_22_0.5.txt
 # Time/min; Temp/°C; O_Y R_Y
 0 0.000 206.850 0.0 5.00083E-5
 1 2.000 207.850 0.0 6.14013E-3
 2 4.000 208.850 0.0 1.42803E-2
 3 6.000 209.850 0.0 2.51477E-2
 4 8.000 210.850 0.0 3.96385E-2
 5 10.000 211.850 0.0 5.89380E-2
 6 12.000 212.850 3.72058E-3 8.46115E-2
 7 14.000 213.850 1.35582E-2 0.11872
 8 16.000 214.850 3.56973E-2 0.16400
 9 18.000 215.850 0.11317 0.22401
 10 20.000 216.850 0.30784 0.30348
 11 22.000 217.850 0.57726 0.40858
 12 24.000 218.850 0.78291 0.54743
 13 26.000 219.850 0.92441 0.73064
 14 28.000 220.850 0.97965 0.97214
 15 30.000 221.850 0.99781 1.00000
 16 32.000 222.850 0.99736 1.00000
 17 34.000 223.850 1.00000 1.00000
 18 36.000 224.850 1.00000 1.00000
 19 38.000 225.850 1.00000 1.00000
 20 40.000 226.850 1.00000 1.00000

#SCAN: 9 14-1_e_23_0.25.txt
 # Time/min; Temp/°C; O_Y R_Y
 0 0.000 204.850 0.0 5.00083E-5
 1 4.000 205.850 0.0 6.84292E-3
 2 8.000 206.850 0.0 1.59446E-2
 3 12.000 207.850 0.0 2.81248E-2
 4 16.000 208.850 3.57794E-3 4.44052E-2
 5 20.000 209.850 1.30595E-2 6.61399E-2
 6 24.000 210.850 2.55647E-2 9.51215E-2
 7 28.000 211.850 4.70267E-2 0.13372
 8 32.000 212.850 8.34676E-2 0.18507
 9 36.000 213.850 0.15288 0.25329
 10 40.000 214.850 0.28538 0.34384
 11 44.000 215.850 0.46038 0.46387
 12 48.000 216.850 0.70215 0.62280
 13 52.000 217.850 0.89977 0.83300
 14 56.000 218.850 0.96851 1.00000

15	60.000	217.850	0.82593	0.84183
16	64.000	218.850	0.96695	1.00000
17	68.000	219.850	0.99427	1.00000
18	72.000	220.850	1.00000	1.00000
19	76.000	221.850	0.99955	1.00000
20	80.000	222.850	1.00000	1.00000

#SCAN:10 14-1_e_24_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	203.850	0.0	5.00083E-5
1	4.000	204.850	0.0	5.11361E-3
2	8.000	205.850	0.0	1.19065E-2
3	12.000	206.850	0.0	2.10082E-2
4	16.000	207.850	0.0	3.31884E-2
5	20.000	208.850	3.57335E-3	4.94688E-2
6	24.000	209.850	1.00865E-2	7.12035E-2
7	28.000	210.850	3.73813E-2	0.10019
8	32.000	211.850	8.25882E-2	0.13878
9	36.000	212.850	0.16665	0.19013
10	40.000	213.850	0.30470	0.25836
11	44.000	214.850	0.56279	0.34890
12	48.000	215.850	0.80098	0.46893
13	52.000	216.850	0.97117	0.62786
14	56.000	217.850	0.99778	0.83806
15	60.000	218.850	0.99738	1.00000
16	64.000	219.850	1.00000	1.00000
17	68.000	220.850	1.00000	1.00000
18	72.000	221.850	1.00000	1.00000
19	76.000	222.850	1.00000	1.00000
20	80.000	223.850	1.00000	1.00000

15	60.000	217.850	0.97931	0.84183
16	64.000	218.850	0.99464	1.00000
17	68.000	219.850	0.99415	1.00000
18	72.000	220.850	1.00000	1.00000
19	76.000	221.850	1.00000	1.00000
20	80.000	222.850	1.00000	1.00000

#SCAN:11 14-1_e_25_0.1.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	201.850	0.0	5.00083E-5
1	10.000	202.850	0.0	7.05805E-3
2	20.000	203.850	0.0	1.64827E-2
3	30.000	204.850	0.0	2.91417E-2
4	40.000	205.850	0.0	4.61240E-2
5	50.000	206.850	0.0	6.88781E-2
6	60.000	207.850	0.0	9.93287E-2
7	70.000	208.850	1.86714E-2	0.14003
8	80.000	209.850	3.73884E-2	0.19437
9	90.000	210.850	9.84100E-2	0.26682
10	100.000	211.850	0.19875	0.36332
11	110.000	212.850	0.42099	0.49168
12	120.000	213.850	0.65000	0.66224
13	130.000	214.850	0.84956	0.88860
14	140.000	215.850	0.98291	1.00000
15	150.000	216.850	0.99165	1.00000
16	160.000	217.850	0.99736	1.00000
17	170.000	218.850	1.00000	1.00000
18	180.000	219.850	0.99958	1.00000
19	200.000	221.850	1.00000	1.00000
20	280.000	229.850	1.00000	1.00000

15	60.000	219.850	0.98014	1.00000
16	64.000	220.850	0.99481	1.00000
17	68.000	221.850	0.99741	1.00000
18	72.000	222.850	1.00000	1.00000
19	76.000	223.850	1.00000	1.00000
20	80.000	224.850	1.00000	1.00000

#SCAN:12 14-1_e_26_0.1.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	199.850	0.0	5.00083E-5
1	10.000	200.850	0.0	3.91034E-3
2	20.000	201.850	0.0	9.11489E-3
3	30.000	202.850	0.0	1.61229E-2
4	40.000	203.850	9.13664E-3	2.55476E-2
5	50.000	204.850	1.54371E-2	3.82066E-2
6	60.000	205.850	2.17625E-2	5.51889E-2
7	70.000	206.850	3.67680E-2	7.79430E-2
8	80.000	207.850	5.76070E-2	0.10839
9	90.000	208.850	0.10462	0.14909
10	100.000	209.850	0.19825	0.20343
11	110.000	210.850	0.34756	0.27588
12	120.000	211.850	0.53518	0.37238
13	130.000	212.850	0.74148	0.50075
14	140.000	213.850	0.94842	0.67131
15	150.000	214.850	0.99195	0.89767
16	160.000	215.850	0.99156	1.00000
17	170.000	216.850	1.00000	1.00000
18	180.000	217.850	1.00000	1.00000
19	190.000	218.850	1.00000	1.00000
20	200.000	219.850	1.00000	1.00000

[FeL2](BF4)2 (1A), sample 9

Kinetic parameters are listed in Table 1

#F-TEST ON FIT-QUALITY					
#No	F-value	F-crit	f	Code	
0	1.00	1.47	75	s:	Cn B
1	1.02	1.47	76	s:	An
2	1.03	1.47	76	s:	C1 B
3	1.03	1.46	77	s:	A3
4	1.04	1.46	77	s:	A2
5	1.04	1.47	75	s:	Bna
6	1.29	1.47	76	s:	Fn
7	1.40	1.46	77	s:	R2
8	1.46	1.46	77	s:	R3
9	1.47	1.46	77	s:	B1
10	1.63	1.46	77	s:	F1
11	2.05	1.46	77	s:	D1
12	2.15	1.46	77	s:	D1F
13	2.18	1.46	77	s:	F2
14	2.25	1.46	77	s:	D2
15	2.33	1.46	77	s:	D4
16	2.41	1.46	77	s:	D3F
17	2.48	1.46	77	s:	D3
#Project:9_model_experimental					
#Meas. type:ALPHA					
#Model Step 1: n-th order with autocatalysis by B					
#STATISTICS					
#Least Squares: 410.52472					
#Mean of residues: 1.77025					
#Max.No of cycles: 50					
#Number of cycles: 23					
#Correlation coefficient: 0.928262					
#Rel.precision:0.001000					
#t-critical(0.95;75): 1.983					
#Durbin-Watson Value: 0.248					
#Durbin-Watson Factor: 2.073					
#SCAN: 1 9_e_28_0.9.txt					
#	Time/min;	Temp/°C;	O_Y	R_Y	
0	0.000	176.850	0.0	5.00083E-5	
1	11.111	186.850	0.0	1.05961E-4	
2	22.222	196.850	0.0	5.43410E-4	
3	27.778	201.850	0.0	1.48015E-3	
4	31.111	204.850	0.0	2.85800E-3	
5	33.333	206.850	0.0	4.60557E-3	
6	35.556	208.850	0.0	7.78931E-3	
7	37.778	210.850	0.0	1.41742E-2	
8	40.000	212.850	8.49215E-3	2.87899E-2	
9	42.222	214.850	2.73553E-2	6.81886E-2	
10	44.444	216.850	6.70747E-2	0.18772	
11	45.556	217.850	0.17136	0.31037	
12	46.667	218.850	0.38524	0.47446	
13	47.778	219.850	0.67813	0.64133	
14	48.889	220.850	0.89390	0.77169	
15	50.000	221.850	0.97193	0.85768	
16	51.111	222.850	0.99524	0.91051	
17	52.222	223.850	0.99762	0.94258	
18	53.333	224.850	1.00000	0.96233	
19	54.444	225.850	0.99974	0.97477	
20	55.556	226.850	1.00000	0.98280	
#SCAN: 2 9_e_34_0.9.txt					
#	Time/min;	Temp/°C;	O_Y	R_Y	
0	0.000	176.850	0.0	5.00083E-5	
1	11.111	186.850	0.0	1.05961E-4	
2	22.222	196.850	0.0	5.43410E-4	
3	27.778	201.850	0.0	1.48015E-3	
4	31.111	204.850	0.0	2.85800E-3	
5	33.333	206.850	0.0	4.60557E-3	
6	35.556	208.850	0.0	7.78931E-3	
7	37.778	210.850	6.01720E-3	1.41742E-2	
8	40.000	212.850	1.72791E-2	2.87899E-2	
9	42.222	214.850	3.12323E-2	6.81886E-2	
10	44.444	216.850	5.83993E-2	0.18772	
11	45.556	217.850	0.17715	0.31037	
12	46.667	218.850	0.37536	0.47446	
13	47.778	219.850	0.60074	0.64133	
14	48.889	220.850	0.82704	0.77169	
15	50.000	221.850	0.92182	0.85768	
16	51.111	222.850	0.96389	0.91051	
17	52.222	223.850	0.97953	0.94258	
18	53.333	224.850	0.99255	0.96233	
19	54.444	225.850	0.99761	0.97477	
20	55.556	226.850	1.00000	0.98280	
#SCAN: 3 9_e_41_0.5.txt					
#	Time/min;	Temp/°C;	O_Y	R_Y	
0	0.000	194.850	0.0	5.00083E-5	
1	4.000	196.850	0.0	3.41795E-4	
2	8.000	198.850	0.0	7.99526E-4	
3	12.000	200.850	0.0	1.53635E-3	
4	16.000	202.850	0.0	2.76968E-3	
5	20.000	204.850	0.0	4.95708E-3	
6	24.000	206.850	1.05703E-2	9.17765E-3	
7	28.000	208.850	2.37107E-2	1.83550E-2	
8	32.000	210.850	4.44543E-2	4.17645E-2	
9	34.000	211.850	0.10749	6.71365E-2	
10	36.000	212.850	0.24853	0.11257	
11	38.000	213.850	0.46573	0.19329	
12	40.000	214.850	0.65603	0.32424	
13	42.000	215.850	0.82185	0.49628	
14	44.000	216.850	0.89976	0.66448	
15	46.000	217.850	0.94503	0.79037	
16	48.000	218.850	0.96760	0.87080	
17	50.000	219.850	0.98515	0.91929	
18	52.000	220.850	0.99512	0.94841	
19	54.000	221.850	1.00000	0.96625	
20	56.000	222.850	1.00000	0.97744	
21	58.000	223.850	1.00000	0.98465	
22	60.000	224.850	1.00000	0.98940	
#SCAN: 4 9_e_39_0.1.txt					
#	Time/min;	Temp/°C;	O_Y	R_Y	
0	0.000	198.850	0.0	5.00083E-5	
1	10.000	199.850	0.0	1.62968E-3	
2	20.000	200.850	0.0	4.13657E-3	
3	30.000	201.850	0.0	8.33407E-3	
4	40.000	202.850	2.19504E-3	1.58115E-2	
5	50.000	203.850	0.0	3.00710E-2	
6	60.000	204.850	5.47327E-3	5.91131E-2	
#SCAN: 5 9_e_40_0.1.txt					
#	Time/min;	Temp/°C;	O_Y	R_Y	
0	0.000	196.850	0.0	5.00083E-5	
1	10.000	197.850	0.0	1.08124E-3	
2	20.000	198.850	0.0	2.58511E-3	
3	30.000	199.850	0.0	4.86162E-3	
4	40.000	200.850	2.77312E-3	8.46398E-3	
5	50.000	201.850	1.05514E-2	1.44674E-2	
6	60.000	202.850	1.83614E-2	2.50753E-2	
#SCAN: 6 9_e_42_0.05.txt					
#	Time/min;	Temp/°C;	O_Y	R_Y	
0	0.000	191.850	0.0	5.00083E-5	
1	20.000	192.850	0.0	8.08098E-4	
2	40.000	193.850	0.0	1.86894E-3	
3	60.000	194.850	0.0	3.39681E-3	
4	80.000	195.850	0.0	5.67497E-3	
5	100.000	196.850	7.45726E-3	9.21537E-3	
6	120.000	197.850	1.73795E-2	1.49912E-2	

7	70.000	205.850	1.09390E-2	0.12055	7	70.000	203.850	2.86904E-2	4.50058E-2	7	140.000	198.850	2.48944E-2	2.49510E-2
8	80.000	206.850	2.43324E-2	0.24399	8	80.000	204.850	6.64829E-2	8.44466E-2	8	160.000	199.850	5.66013E-2	4.31724E-2
9	90.000	207.850	6.64678E-2	0.44068	9	90.000	205.850	0.12691	0.16330	9	180.000	200.850	0.15137	7.83289E-2
10	100.000	208.850	0.13195	0.64884	10	100.000	206.850	0.29274	0.30647	10	200.000	201.850	0.30472	0.14760
11	110.000	209.850	0.26127	0.79757	11	110.000	207.850	0.50439	0.50505	11	220.000	202.850	0.52432	0.27528
12	120.000	210.850	0.44588	0.88374	12	120.000	208.850	0.70185	0.69207	12	240.000	203.850	0.74484	0.46336
13	130.000	211.850	0.65222	0.93112	13	130.000	209.850	0.85975	0.81962	13	260.000	204.850	0.86868	0.65603
14	140.000	212.850	0.84373	0.95766	14	140.000	210.850	0.93765	0.89399	14	280.000	205.850	0.94413	0.79619
15	150.000	213.850	0.94088	0.97310	15	150.000	211.850	0.96774	0.93590	15	300.000	206.850	0.97579	0.88038
16	160.000	214.850	0.96697	0.98243	16	160.000	212.850	0.98528	0.95996	16	320.000	207.850	0.99038	0.92814
17	170.000	215.850	0.98256	0.98826	17	170.000	213.850	0.99525	0.97425	17	340.000	208.850	0.99765	0.95547
18	190.000	217.850	0.99260	0.99449	18	180.000	214.850	0.99763	0.98302	18	360.000	209.850	1.00000	0.97158
19	210.000	219.850	1.00000	0.99729	19	190.000	215.850	1.00000	0.98858	19	380.000	210.850	1.00000	0.98141
20	230.000	221.850	1.00000	0.99862	20	200.000	216.850	1.00000	0.99219	20	400.000	211.850	1.00000	0.98758
					21	210.000	217.850	1.00000	0.99459	21	420.000	212.850	1.00000	0.99157
										22	440.000	213.850	1.00000	0.99419

#Project:9_model_experimental
#Meas. type:ALPHA
#Model Step 1: n-dim. Avrami-Erofeev
#STATISTICS
#Least Squares: 425.88740
#Mean of residues: 1.80307
#Max.No of cycles: 50
#Number of cycles: 12
#Correlation coefficient: 0.925368
#Rel.precision:0.001000
#t-critical(0.95;76): 1.983
#Durbin-Watson Value: 0.331
#Durbin-Watson Factor: 1.816

#SCAN: 1 9_e_28_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	176.850	0.0	5.00083E-5
1	11.111	186.850	0.0	5.96317E-5
2	22.222	196.850	0.0	1.71575E-4
3	27.778	201.850	0.0	6.18245E-4
4	31.111	204.850	0.0	1.71430E-3
5	33.333	206.850	0.0	3.65650E-3
6	35.556	208.850	0.0	8.14855E-3
7	37.778	210.850	0.0	1.86899E-2
8	40.000	212.850	8.49215E-3	4.34625E-2
9	42.222	214.850	2.73553E-2	0.10059
10	44.444	216.850	6.70747E-2	0.22487
11	45.556	217.850	0.17136	0.32652
12	46.667	218.850	0.38524	0.45861
13	47.778	219.850	0.67813	0.61420
14	48.889	220.850	0.89390	0.77185
15	50.000	221.850	0.97193	0.89888
16	51.111	222.850	0.99524	0.97129
17	52.222	223.850	0.99762	0.99590
18	53.333	224.850	1.00000	0.99980
19	54.444	225.850	0.99974	1.00000
20	55.556	226.850	1.00000	1.00000

#SCAN: 4 9_e_39_0.1.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	198.850	0.0	5.00083E-5
1	10.000	199.850	0.0	7.22487E-4
2	20.000	200.850	0.0	3.05443E-3
3	30.000	201.850	0.0	8.75139E-3
4	40.000	202.850	2.19504E-3	2.06641E-2
5	50.000	203.850	0.0	4.33762E-2
6	60.000	204.850	5.47327E-3	8.38251E-2
7	70.000	205.850	1.09390E-2	0.15150
8	80.000	206.850	2.43324E-2	0.25704
9	90.000	207.850	6.64678E-2	0.40703
10	100.000	208.850	0.13195	0.59333
11	110.000	209.850	0.26127	0.78195
12	120.000	210.850	0.44588	0.92139
13	130.000	211.850	0.65222	0.98500
14	140.000	212.850	0.84373	0.99896
15	150.000	213.850	0.94088	0.99999
16	160.000	214.850	0.96697	1.00000

#SCAN: 2 9_e_34_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	176.850	0.0	5.00083E-5
1	11.111	186.850	0.0	5.96317E-5
2	22.222	196.850	0.0	1.71575E-4
3	27.778	201.850	0.0	6.18245E-4
4	31.111	204.850	0.0	1.71430E-3
5	33.333	206.850	0.0	3.65650E-3
6	35.556	208.850	0.0	8.14855E-3
7	37.778	210.850	6.01720E-3	1.86899E-2
8	40.000	212.850	1.72791E-2	4.34625E-2
9	42.222	214.850	3.12323E-2	0.10059
10	44.444	216.850	5.83993E-2	0.22487
11	45.556	217.850	0.17715	0.32652
12	46.667	218.850	0.37536	0.45861
13	47.778	219.850	0.60074	0.61420
14	48.889	220.850	0.82704	0.77185
15	50.000	221.850	0.92182	0.89888
16	51.111	222.850	0.96389	0.97129
17	52.222	223.850	0.97953	0.99590
18	53.333	224.850	0.99255	0.99980
19	54.444	225.850	0.99761	1.00000
20	55.556	226.850	1.00000	1.00000

#SCAN: 5 9_e_40_0.1.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	10.000	197.850	0.0	3.98822E-4
2	20.000	198.850	0.0	1.44662E-3
3	30.000	199.850	0.0	3.87616E-3
4	40.000	200.850	2.77312E-3	8.84688E-3
5	50.000	201.850	1.05514E-2	1.82806E-2
6	60.000	202.850	1.83614E-2	3.52674E-2
7	70.000	203.850	2.86904E-2	6.45713E-2
8	80.000	204.850	6.64829E-2	0.11308
9	90.000	205.850	0.12691	0.18964
10	100.000	206.850	0.29274	0.30321
11	110.000	207.850	0.50439	0.45719
12	120.000	208.850	0.70185	0.63951
13	130.000	209.850	0.85975	0.81477
14	140.000	210.850	0.93765	0.93687
15	150.000	211.850	0.96774	0.98882
16	160.000	212.850	0.98528	0.99930

#SCAN: 3 9_e_41_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	194.850	0.0	5.00083E-5
1	4.000	196.850	0.0	1.13884E-4
2	8.000	198.850	0.0	2.70148E-4
3	12.000	200.850	0.0	6.58524E-4
4	16.000	202.850	0.0	1.63227E-3
5	20.000	204.850	0.0	4.08098E-3
6	24.000	206.850	1.05703E-2	1.02252E-2
7	28.000	208.850	2.37107E-2	2.55089E-2
8	32.000	210.850	4.44543E-2	6.27661E-2
9	34.000	211.850	0.10749	9.74479E-2
10	36.000	212.850	0.24853	0.14955
11	38.000	213.850	0.46573	0.22555
12	40.000	214.850	0.65603	0.33154
13	42.000	215.850	0.82185	0.46943
14	44.000	216.850	0.89976	0.63058
15	46.000	217.850	0.94503	0.79034
16	48.000	218.850	0.96760	0.91345
17	50.000	219.850	0.98515	0.97822
18	52.000	220.850	0.99512	0.99746
19	54.000	221.850	1.00000	0.99991
20	56.000	222.850	1.00000	1.00000
21	58.000	223.850	1.00000	1.00000
22	60.000	224.850	1.00000	1.00000

#SCAN: 6 9_e_42_0.05.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	191.850	0.0	5.00083E-5
1	20.000	192.850	0.0	2.67703E-4
2	40.000	193.850	0.0	8.51235E-4
3	60.000	194.850	0.0	2.14435E-3
4	80.000	195.850	0.0	4.73732E-3
5	100.000	196.850	7.45726E-3	9.62410E-3
6	120.000	197.850	1.73795E-2	1.84436E-2
7	140.000	198.850	2.48944E-2	3.38309E-2
8	160.000	199.850	5.66013E-2	5.98782E-2
9	180.000	200.850	0.15137	0.10261
10	200.000	201.850	0.30472	0.17009
11	220.000	202.850	0.52432	0.27130
12	240.000	203.850	0.74484	0.41202
13	260.000	204.850	0.86868	0.58629
14	280.000	205.850	0.94413	0.76663
15	300.000	206.850	0.97579	0.90772
16	320.000	207.850	0.99038	0.97934

17	170.000	215.850	0.98256	1.00000
18	190.000	217.850	0.99260	1.00000
19	210.000	219.850	1.00000	1.00000
20	230.000	221.850	1.00000	1.00000

17	170.000	213.850	0.99525	0.99999
18	180.000	214.850	0.99763	1.00000
19	190.000	215.850	1.00000	1.00000
20	200.000	216.850	1.00000	1.00000
21	210.000	217.850	1.00000	1.00000

17	340.000	208.850	0.99765	0.99813
18	360.000	209.850	1.00000	0.99996
19	380.000	210.850	1.00000	1.00000
20	400.000	211.850	1.00000	1.00000
21	420.000	212.850	1.00000	1.00000
22	440.000	213.850	1.00000	1.00000

#Project:9_model_experimental
#Meas. type:ALPHA
#Model Step 1: 1st order with autocatalysis by B
#STATISTICS
#Least Squares: 427.80395
#Mean of residues: 1.80712
#Max.No of cycles: 50
#Number of cycles: 14
#Correlation coefficient: 0.925021
#Rel.precision:0.001000
#t-critical(0.95;76): 1.983
#Durbin-Watson Value: 0.299
#Durbin-Watson Factor: 1.900

#SCAN: 1 9_e_28_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	176.850	0.0	5.00083E-5
1	11.111	186.850	0.0	2.13172E-4
2	22.222	196.850	0.0	1.50268E-3
3	27.778	201.850	0.0	4.18210E-3
4	31.111	204.850	0.0	7.89331E-3
5	33.333	206.850	0.0	1.22681E-2
6	35.556	208.850	0.0	1.95142E-2
7	37.778	210.850	0.0	3.21546E-2
8	40.000	212.850	8.49215E-3	5.58418E-2
9	42.222	214.850	2.73553E-2	0.10443
10	44.444	216.850	6.70747E-2	0.21296
11	45.556	217.850	0.17136	0.31074
12	46.667	218.850	0.38524	0.44882
13	47.778	219.850	0.67813	0.61930
14	48.889	220.850	0.89390	0.78639
15	50.000	221.850	0.97193	0.90658
16	51.111	222.850	0.99524	0.96852
17	52.222	223.850	0.99762	0.99186
18	53.333	224.850	1.00000	0.99841
19	54.444	225.850	0.99974	0.99977
20	55.556	226.850	1.00000	0.99998

#SCAN: 2 9_e_34_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	176.850	0.0	5.00083E-5
1	11.111	186.850	0.0	2.13172E-4
2	22.222	196.850	0.0	1.50268E-3
3	27.778	201.850	0.0	4.18210E-3
4	31.111	204.850	0.0	7.89331E-3
5	33.333	206.850	0.0	1.22681E-2
6	35.556	208.850	0.0	1.95142E-2
7	37.778	210.850	6.01720E-3	3.21546E-2
8	40.000	212.850	1.72791E-2	5.58418E-2
9	42.222	214.850	3.12323E-2	0.10443
10	44.444	216.850	5.83993E-2	0.21296
11	45.556	217.850	0.17715	0.31074
12	46.667	218.850	0.37536	0.44882
13	47.778	219.850	0.60074	0.61930
14	48.889	220.850	0.82704	0.78639
15	50.000	221.850	0.92182	0.90658
16	51.111	222.850	0.96389	0.96852
17	52.222	223.850	0.97953	0.99186
18	53.333	224.850	0.99255	0.99841
19	54.444	225.850	0.99761	0.99977
20	55.556	226.850	1.00000	0.99998

#SCAN: 3 9_e_41_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	194.850	0.0	5.00083E-5
1	4.000	196.850	0.0	9.25362E-4
2	8.000	198.850	0.0	2.26850E-3
3	12.000	200.850	0.0	4.35594E-3
4	16.000	202.850	0.0	7.66636E-3
5	20.000	204.850	0.0	1.30795E-2
6	24.000	206.850	1.05703E-2	2.23397E-2
7	28.000	208.850	2.37107E-2	3.92300E-2
8	32.000	210.850	4.44543E-2	7.28066E-2
9	34.000	211.850	0.10749	0.10213
10	36.000	212.850	0.24853	0.14651
11	38.000	213.850	0.46573	0.21448
12	40.000	214.850	0.65603	0.31716
13	42.000	215.850	0.82185	0.46245
14	44.000	216.850	0.89976	0.63939
15	46.000	217.850	0.94503	0.80667
16	48.000	218.850	0.96760	0.92033
17	50.000	219.850	0.98515	0.97497
18	52.000	220.850	0.99512	0.99403
19	54.000	221.850	1.00000	0.99894
20	56.000	222.850	1.00000	0.99987
21	58.000	223.850	1.00000	0.99999
22	60.000	224.850	1.00000	1.00000

#SCAN: 4 9_e_39_0.1.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	198.850	0.0	5.00083E-5
1	10.000	199.850	0.0	4.62565E-3
2	20.000	200.850	0.0	1.10741E-2
3	30.000	201.850	0.0	2.04252E-2
4	40.000	202.850	2.19504E-3	3.44374E-2
5	50.000	203.850	0.0	5.62055E-2
6	60.000	204.850	5.47327E-3	9.12768E-2
7	70.000	205.850	1.09390E-2	0.14945
8	80.000	206.850	2.43324E-2	0.24640
9	90.000	207.850	6.64678E-2	0.39938
10	100.000	208.850	0.13195	0.60372
11	110.000	209.850	0.26127	0.80276
12	120.000	210.850	0.44588	0.92946
13	130.000	211.850	0.65222	0.98182
14	140.000	212.850	0.84373	0.99662
15	150.000	213.850	0.94088	0.99956
16	160.000	214.850	0.96697	0.99996
17	170.000	215.850	0.98256	1.00000
18	190.000	217.850	0.99260	1.00000
19	210.000	219.850	1.00000	1.00000
20	230.000	221.850	1.00000	1.00000

#SCAN: 5 9_e_40_0.1.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	10.000	197.850	0.0	3.07435E-3
2	20.000	198.850	0.0	7.14464E-3
3	30.000	199.850	0.0	1.27328E-2
4	40.000	200.850	2.77312E-3	2.05883E-2
5	50.000	201.850	1.05514E-2	3.19382E-2
6	60.000	202.850	1.83614E-2	4.88544E-2
7	70.000	203.850	2.86904E-2	7.49192E-2
8	80.000	204.850	6.64829E-2	0.11637
9	90.000	205.850	0.12691	0.18370
10	100.000	206.850	0.29274	0.29209
11	110.000	207.850	0.50439	0.45407
12	120.000	208.850	0.70185	0.65475
13	130.000	209.850	0.85975	0.83483
14	140.000	210.850	0.93765	0.94236
15	150.000	211.850	0.96774	0.98529
16	160.000	212.850	0.98528	0.99727
17	170.000	213.850	0.99525	0.99964
18	180.000	214.850	0.99763	0.99997
19	190.000	215.850	1.00000	1.00000
20	200.000	216.850	1.00000	1.00000
21	210.000	217.850	1.00000	1.00000

#SCAN: 6 9_e_42_0.05.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	191.850	0.0	5.00083E-5
1	20.000	192.850	0.0	2.26109E-3
2	40.000	193.850	0.0	5.17307E-3
3	60.000	194.850	0.0	9.06673E-3
4	80.000	195.850	0.0	1.43690E-2
5	100.000	196.850	7.45726E-3	2.17486E-2
6	120.000	197.850	1.73795E-2	3.22851E-2
7	140.000	198.850	2.48944E-2	4.77750E-2
8	160.000	199.850	5.66013E-2	7.12857E-2
9	180.000	200.850	0.15137	0.10812
10	200.000	201.850	0.30472	0.16727
11	220.000	202.850	0.52432	0.26242
12	240.000	203.850	0.74484	0.40792
13	260.000	204.850	0.86868	0.59972
14	280.000	205.850	0.94413	0.79064
15	300.000	206.850	0.97579	0.91964
16	320.000	207.850	0.99038	0.97752
17	340.000	208.850	0.99765	0.99542
18	360.000	209.850	1.00000	0.99934
19	380.000	210.850	1.00000	0.99994
20	400.000	211.850	1.00000	1.00000
21	420.000	212.850	1.00000	1.00000
22	440.000	213.850	1.00000	1.00000

#Project:9_model_experimental
#Meas. type:ALPHA
#Model Step 1: 3-dim. Avrami-Erofeev

#STATISTICS
 #Least Squares: 435.54657
 #Mean of residues: 1.82340
 #Max.No of cycles: 50
 #Number of cycles: 5
 #Correlation coefficient: 0.923670
 #Rel.precision:0.001000
 #t-critical(0.95;77): 1.982
 #Durbin-Watson Value: 0.409
 #Durbin-Watson Factor: 1.650
 #SCAN: 1 9_e_28_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	176.850	0.0	5.00083E-5
1	11.111	186.850	0.0	5.59196E-5
2	22.222	196.850	0.0	1.15967E-4
3	27.778	201.850	0.0	3.29328E-4
4	31.111	204.850	0.0	8.45523E-4
5	33.333	206.850	0.0	1.79704E-3
6	35.556	208.850	0.0	4.15576E-3
7	37.778	210.850	0.0	1.02712E-2
8	40.000	212.850	8.49215E-3	2.65932E-2
9	42.222	214.850	2.73553E-2	7.04066E-2
10	44.444	216.850	6.70747E-2	0.18349
11	45.556	217.850	0.17136	0.28817
12	46.667	218.850	0.38524	0.43539
13	47.778	219.850	0.67813	0.61836
14	48.889	220.850	0.89390	0.80320
15	50.000	221.850	0.97193	0.93579
16	51.111	222.850	0.99524	0.99033
17	52.222	223.850	0.99762	0.99961
18	53.333	224.850	1.00000	1.00000
19	54.444	225.850	0.99974	1.00000
20	55.556	226.850	1.00000	1.00000

#SCAN: 2 9_e_34_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	176.850	0.0	5.00083E-5
1	11.111	186.850	0.0	5.59196E-5
2	22.222	196.850	0.0	1.15967E-4
3	27.778	201.850	0.0	3.29328E-4
4	31.111	204.850	0.0	8.45523E-4
5	33.333	206.850	0.0	1.79704E-3
6	35.556	208.850	0.0	4.15576E-3
7	37.778	210.850	6.01720E-3	1.02712E-2
8	40.000	212.850	1.72791E-2	2.65932E-2
9	42.222	214.850	3.12323E-2	7.04066E-2
10	44.444	216.850	5.83993E-2	0.18349
11	45.556	217.850	0.17715	0.28817
12	46.667	218.850	0.37536	0.43539
13	47.778	219.850	0.60074	0.61836
14	48.889	220.850	0.82704	0.80320
15	50.000	221.850	0.92182	0.93579
16	51.111	222.850	0.96389	0.99033
17	52.222	223.850	0.97953	0.99961
18	53.333	224.850	0.99255	1.00000
19	54.444	225.850	0.99761	1.00000
20	55.556	226.850	1.00000	1.00000

#SCAN: 3 9_e_41_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	194.850	0.0	5.00083E-5
1	4.000	196.850	0.0	8.53165E-5
2	8.000	198.850	0.0	1.62948E-4
3	12.000	200.850	0.0	3.46046E-4
4	16.000	202.850	0.0	8.05811E-4
5	20.000	204.850	0.0	2.02110E-3
6	24.000	206.850	1.05703E-2	5.35863E-3
7	28.000	208.850	2.37107E-2	1.47478E-2
8	32.000	210.850	4.44543E-2	4.13348E-2
9	34.000	211.850	0.10749	6.91368E-2
10	36.000	212.850	0.24853	0.11483
11	38.000	213.850	0.46573	0.18791
12	40.000	214.850	0.65603	0.29933
13	42.000	215.850	0.82185	0.45585
14	44.000	216.850	0.89976	0.64706
15	46.000	217.850	0.94503	0.83176
16	48.000	218.850	0.96760	0.95260
17	50.000	219.850	0.98515	0.99455
18	52.000	220.850	0.99512	0.99986
19	54.000	221.850	1.00000	1.00000
20	56.000	222.850	1.00000	1.00000
21	58.000	223.850	1.00000	1.00000
22	60.000	224.850	1.00000	1.00000

#SCAN: 4 9_e_39_0.1.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	198.850	0.0	5.00083E-5
1	10.000	199.850	0.0	3.74462E-4
2	20.000	200.850	0.0	1.51142E-3
3	30.000	201.850	0.0	4.60561E-3
4	40.000	202.850	2.19504E-3	1.19495E-2
5	50.000	203.850	0.0	2.79007E-2
6	60.000	204.850	5.47327E-3	6.02624E-2
7	70.000	205.850	1.09390E-2	0.12180
8	80.000	206.850	2.43324E-2	0.23011
9	90.000	207.850	6.64678E-2	0.40051
10	100.000	208.850	0.13195	0.62429
11	110.000	209.850	0.26127	0.84112
12	120.000	210.850	0.44588	0.96685
13	130.000	211.850	0.65222	0.99804
14	140.000	212.850	0.84373	0.99999
15	150.000	213.850	0.94088	1.00000
16	160.000	214.850	0.96697	1.00000
17	170.000	215.850	0.98256	1.00000
18	190.000	217.850	0.99260	1.00000
19	210.000	219.850	1.00000	1.00000
20	230.000	221.850	1.00000	1.00000

#SCAN: 5 9_e_40_0.1.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	10.000	197.850	0.0	2.24480E-4
2	20.000	198.850	0.0	7.24655E-4
3	30.000	199.850	0.0	1.95457E-3
4	40.000	200.850	2.77312E-3	4.71181E-3
5	50.000	201.850	1.05514E-2	1.05190E-2
6	60.000	202.850	1.83614E-2	2.21921E-2
7	70.000	203.850	2.86904E-2	4.47428E-2
8	80.000	204.850	6.64829E-2	8.66017E-2
9	90.000	205.850	0.12691	0.16060
10	100.000	206.850	0.29274	0.28255
11	110.000	207.850	0.50439	0.46219
12	120.000	208.850	0.70185	0.68151
13	130.000	209.850	0.85975	0.87615
14	140.000	210.850	0.93765	0.97716
15	150.000	211.850	0.96774	0.99887
16	160.000	212.850	0.98528	0.99999
17	170.000	213.850	0.99525	1.00000
18	180.000	214.850	0.99763	1.00000
19	190.000	215.850	1.00000	1.00000
20	200.000	216.850	1.00000	1.00000
21	210.000	217.850	1.00000	1.00000

#SCAN: 6 9_e_42_0.05.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	191.850	0.0	5.00083E-5
1	20.000	192.850	0.0	1.64363E-4
2	40.000	193.850	0.0	4.50109E-4
3	60.000	194.850	0.0	1.10080E-3
4	80.000	195.850	0.0	2.49449E-3
5	100.000	196.850	7.45726E-3	5.35233E-3
6	120.000	197.850	1.73795E-2	1.10208E-2
7	140.000	198.850	2.48944E-2	2.19571E-2
8	160.000	199.850	5.66013E-2	4.25123E-2
9	180.000	200.850	0.15137	8.00408E-2
10	200.000	201.850	0.30472	0.14598
11	220.000	202.850	0.52432	0.25531
12	240.000	203.850	0.74484	0.42016
13	260.000	204.850	0.86868	0.63169
14	280.000	205.850	0.94413	0.83747
15	300.000	206.850	0.97579	0.96251
16	320.000	207.850	0.99038	0.99726
17	340.000	208.850	0.99765	0.99997
18	360.000	209.850	1.00000	1.00000
19	380.000	210.850	1.00000	1.00000
20	400.000	211.850	1.00000	1.00000
21	420.000	212.850	1.00000	1.00000
22	440.000	213.850	1.00000	1.00000

#Project:9_model_experimental
 #Meas. type:ALPHA
 #Model Step 1: 2-dim. Avrami-Erofeev
 #STATISTICS
 #Least Squares: 436.44125
 #Mean of residues: 1.82527
 #Max.No of cycles: 50
 #Number of cycles: 12
 #Correlation coefficient: 0.923341
 #Rel.precision:0.001000
 #t-critical(0.95;77): 1.982
 #Durbin-Watson Value: 0.268
 #Durbin-Watson Factor: 1.999


```
#SCAN: 1 9_e_28_0.9.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 176.850 0.0 5.00083E-5
1 11.111 186.850 0.0 6.70475E-5
2 22.222 196.850 0.0 2.99790E-4
3 27.778 201.850 0.0 1.28271E-3
4 31.111 204.850 0.0 3.56809E-3
5 33.333 206.850 0.0 7.31086E-3
6 35.556 208.850 0.0 1.52137E-2
7 37.778 210.850 0.0 3.18484E-2
8 40.000 212.850 8.49215E-3 6.63887E-2
9 42.222 214.850 2.73553E-2 0.13588
10 44.444 216.850 6.70747E-2 0.26673
11 45.556 217.850 0.17136 0.36351
12 46.667 218.850 0.38524 0.48181
13 47.778 219.850 0.67813 0.61548
14 48.889 220.850 0.89390 0.75045
15 50.000 221.850 0.97193 0.86653
16 51.111 222.850 0.99524 0.94598
17 52.222 223.850 0.99762 0.98536
18 53.333 224.850 1.00000 0.99777
19 54.444 225.850 0.99974 0.99985
20 55.556 226.850 1.00000 1.00000
```

```
#SCAN: 2 9_e_34_0.9.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 176.850 0.0 5.00083E-5
1 11.111 186.850 0.0 6.70475E-5
2 22.222 196.850 0.0 2.99790E-4
3 27.778 201.850 0.0 1.28271E-3
4 31.111 204.850 0.0 3.56809E-3
5 33.333 206.850 0.0 7.31086E-3
6 35.556 208.850 0.0 1.52137E-2
7 37.778 210.850 6.01720E-3 3.18484E-2
8 40.000 212.850 1.72791E-2 6.63887E-2
9 42.222 214.850 3.12323E-2 0.13588
10 44.444 216.850 5.83993E-2 0.26673
11 45.556 217.850 0.17715 0.36351
12 46.667 218.850 0.37536 0.48181
13 47.778 219.850 0.60074 0.61548
14 48.889 220.850 0.82704 0.75045
15 50.000 221.850 0.92182 0.86653
16 51.111 222.850 0.96389 0.94598
17 52.222 223.850 0.97953 0.98536
18 53.333 224.850 0.99255 0.99777
19 54.444 225.850 0.99761 0.99985
20 55.556 226.850 1.00000 1.00000
```

```
#SCAN: 3 9_e_41_0.5.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 194.850 0.0 5.00083E-5
1 4.000 196.850 0.0 1.80213E-4
2 8.000 198.850 0.0 5.26655E-4
3 12.000 200.850 0.0 1.38210E-3
4 16.000 202.850 0.0 3.40416E-3
5 20.000 204.850 0.0 8.04455E-3
6 24.000 206.850 1.05703E-2 1.84450E-2
7 28.000 208.850 2.37107E-2 4.12041E-2
8 32.000 210.850 4.44543E-2 8.94354E-2
9 34.000 211.850 0.10749 0.12991
10 36.000 212.850 0.24853 0.18628
11 38.000 213.850 0.46573 0.26259
12 40.000 214.850 0.65603 0.36179
13 42.000 215.850 0.82185 0.48348
14 44.000 216.850 0.89976 0.62088
15 46.000 217.850 0.94503 0.75857
16 48.000 218.850 0.96760 0.87489
17 50.000 219.850 0.98515 0.95190
18 52.000 220.850 0.99512 0.98800
19 54.000 221.850 1.00000 0.99839
20 56.000 222.850 1.00000 0.99991
21 58.000 223.850 1.00000 1.00000
22 60.000 224.850 1.00000 1.00000
```

```
#SCAN: 4 9_e_39_0.1.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 198.850 0.0 5.00083E-5
1 10.000 199.850 0.0 1.52896E-3
2 20.000 200.850 0.0 6.10586E-3
3 30.000 201.850 0.0 1.57585E-2
4 40.000 202.850 2.19504E-3 3.33912E-2
5 50.000 203.850 0.0 6.30825E-2
6 60.000 204.850 5.47327E-3 0.11018
7 70.000 205.850 1.09390E-2 0.18096
8 80.000 206.850 2.43324E-2 0.28114
9 90.000 207.850 6.64678E-2 0.41283
10 100.000 208.850 0.13195 0.56942
11 110.000 209.850 0.26127 0.73120
12 120.000 210.850 0.44588 0.86791
13 130.000 211.850 0.65222 0.95445
14 140.000 212.850 0.84373 0.99069
15 150.000 213.850 0.94088 0.99912
16 160.000 214.850 0.96697 0.99997
17 170.000 215.850 0.98256 1.00000
18 190.000 217.850 0.99260 1.00000
19 210.000 219.850 1.00000 1.00000
20 230.000 221.850 1.00000 1.00000
```

```
#SCAN: 5 9_e_40_0.1.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 196.850 0.0 5.00083E-5
1 10.000 197.850 0.0 8.11615E-4
2 20.000 198.850 0.0 2.98838E-3
3 30.000 199.850 0.0 7.49769E-3
4 40.000 200.850 2.77312E-3 1.57246E-2
5 50.000 201.850 1.05514E-2 2.97098E-2
6 60.000 202.850 1.83614E-2 5.23665E-2
7 70.000 203.850 2.86904E-2 8.76652E-2
8 80.000 204.850 6.64829E-2 0.14064
9 90.000 205.850 0.12691 0.21687
10 100.000 206.850 0.29274 0.32098
11 110.000 207.850 0.50439 0.45350
12 120.000 208.850 0.70185 0.60637
13 130.000 209.850 0.85975 0.75956
14 140.000 210.850 0.93765 0.88491
15 150.000 211.850 0.96774 0.96156
16 160.000 212.850 0.98528 0.99244
17 170.000 213.850 0.99525 0.99932
18 180.000 214.850 0.99763 0.99998
19 190.000 215.850 1.00000 1.00000
20 200.000 216.850 1.00000 1.00000
21 210.000 217.850 1.00000 1.00000
```

```
#SCAN: 6 9_e_42_0.05.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 191.850 0.0 5.00083E-5
1 20.000 192.850 0.0 5.05813E-4
2 40.000 193.850 0.0 1.71618E-3
3 60.000 194.850 0.0 4.17908E-3
4 80.000 195.850 0.0 8.65944E-3
5 100.000 196.850 7.45726E-3 1.63124E-2
6 120.000 197.850 1.73795E-2 2.88480E-2
7 140.000 198.850 2.48944E-2 4.87319E-2
8 160.000 199.850 5.66013E-2 7.93887E-2
9 180.000 200.850 0.15137 0.12530
10 200.000 201.850 0.30472 0.19178
11 220.000 202.850 0.52432 0.28396
12 240.000 203.850 0.74484 0.40444
13 260.000 204.850 0.86868 0.54930
14 280.000 205.850 0.94413 0.70373
15 300.000 206.850 0.97579 0.84203
16 320.000 207.850 0.99038 0.93825
17 340.000 208.850 0.99765 0.98475
18 360.000 209.850 1.00000 0.99809
19 380.000 210.850 1.00000 0.99991
20 400.000 211.850 1.00000 1.00000
21 420.000 212.850 1.00000 1.00000
22 440.000 213.850 1.00000 1.00000
```

```
#Project:9_model_experimental
#Meas. type:ALPHA
#Model Step 1: Prout-Tompkins n-th order,a autocat
#STATISTICS
#Least Squares: 410.67357
#Mean of residues: 1.77057
#Max.No of cycles: 50
#Number of cycles: 50
#Correlation coefficient: 0.928242
#Rel.precision:0.001000
#t-critical(0.95;75): 1.983
#Durbin-Watson Value: 0.279
#Durbin-Watson Factor: 1.964
#SCAN: 1 9_e_28_0.9.txt
```

```
# Time/min; Temp/°C; O_Y R_Y
0 0.000 176.850 0.0 5.00083E-5
1 11.111 186.850 0.0 5.33895E-5
2 22.222 196.850 0.0 8.48374E-5
3 27.778 201.850 0.0 1.84137E-4
4 31.111 204.850 0.0 4.15334E-4
5 33.333 206.850 0.0 8.56897E-4
6 35.556 208.850 0.0 2.05803E-3
7 37.778 210.850 0.0 5.70646E-3
```

```
#SCAN: 2 9_e_34_0.9.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 176.850 0.0 5.00083E-5
1 11.111 186.850 0.0 5.33895E-5
2 22.222 196.850 0.0 8.48374E-5
3 27.778 201.850 0.0 1.84137E-4
4 31.111 204.850 0.0 4.15334E-4
5 33.333 206.850 0.0 8.56897E-4
6 35.556 208.850 0.0 2.05803E-3
7 37.778 210.850 6.01720E-3 5.70646E-3
```

```
#SCAN: 3 9_e_41_0.5.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 194.850 0.0 5.00083E-5
1 4.000 196.850 0.0 6.92569E-5
2 8.000 198.850 0.0 1.07589E-4
3 12.000 200.850 0.0 1.91623E-4
4 16.000 202.850 0.0 3.97427E-4
5 20.000 204.850 0.0 9.64871E-4
6 24.000 206.850 1.05703E-2 2.72227E-3
7 28.000 208.850 2.37107E-2 8.74786E-3
```

8	40.000	212.850	8.49215E-3	1.78525E-2
9	42.222	214.850	2.73553E-2	6.00520E-2
10	44.444	216.850	6.70747E-2	0.19382
11	45.556	217.850	0.17136	0.31993
12	46.667	218.850	0.38524	0.47762
13	47.778	219.850	0.67813	0.63612
14	48.889	220.850	0.89390	0.76555
15	50.000	221.850	0.97193	0.85596
16	51.111	222.850	0.99524	0.91338
17	52.222	223.850	0.99762	0.94815
18	53.333	224.850	1.00000	0.96884
19	54.444	225.850	0.99974	0.98113
20	55.556	226.850	1.00000	0.98847

#SCAN: 4 9_e_39_0.1.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	198.850	0.0	5.00083E-5
1	10.000	199.850	0.0	2.04358E-4
2	20.000	200.850	0.0	7.21907E-4
3	30.000	201.850	0.0	2.30520E-3
4	40.000	202.850	2.19504E-3	6.82675E-3
5	50.000	203.850	0.0	1.89887E-2
6	60.000	204.850	5.47327E-3	4.95686E-2
7	70.000	205.850	1.09390E-2	0.11904
8	80.000	206.850	2.43324E-2	0.25166
9	90.000	207.850	6.64678E-2	0.44386
10	100.000	208.850	0.13195	0.64167
11	110.000	209.850	0.26127	0.79109
12	120.000	210.850	0.44588	0.88343
13	130.000	211.850	0.65222	0.93539
14	140.000	212.850	0.84373	0.96380
15	150.000	213.850	0.94088	0.97939
16	160.000	214.850	0.96697	0.98806
17	170.000	215.850	0.98256	0.99298
18	190.000	217.850	0.99260	0.99747
19	210.000	219.850	1.00000	0.99905
20	230.000	221.850	1.00000	0.99963

#Project:9_model_experimental
#Meas. type:ALPHA
#Model Step 1: n-th order
#STATISTICS
#Least Squares: 535.44532
#Mean of residues: 2.02172
#Max.No of cycles: 50
#Number of cycles: 20
#Correlation coefficient: 0.904844
#Rel.precision:0.001000
#t-critical(0.95;76): 1.983
#Durbin-Watson Value: 0.241
#Durbin-Watson Factor: 2.100
#SCAN: 1 9_e_28_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	176.850	0.0	5.00083E-5
1	11.111	186.850	0.0	5.34840E-4
2	22.222	196.850	0.0	5.03005E-3
3	27.778	201.850	0.0	1.48755E-2
4	31.111	204.850	0.0	2.82029E-2
5	33.333	206.850	0.0	4.30120E-2
6	35.556	208.850	0.0	6.53695E-2
7	37.778	210.850	0.0	9.90081E-2
8	40.000	212.850	8.49215E-3	0.14945
9	42.222	214.850	2.73553E-2	0.22484
10	44.444	216.850	6.70747E-2	0.33714
11	45.556	217.850	0.17136	0.41233
12	46.667	218.850	0.38524	0.50388
13	47.778	219.850	0.67813	0.61526
14	48.889	220.850	0.89390	0.75067
15	50.000	221.850	0.97193	0.91514
16	51.111	222.850	0.99524	1.00000
17	52.222	223.850	0.99762	1.00000

8	40.000	212.850	1.72791E-2	1.78525E-2
9	42.222	214.850	3.12323E-2	6.00520E-2
10	44.444	216.850	5.83993E-2	0.19382
11	45.556	217.850	0.17715	0.31993
12	46.667	218.850	0.37536	0.47762
13	47.778	219.850	0.60074	0.63612
14	48.889	220.850	0.82704	0.76555
15	50.000	221.850	0.92182	0.85596
16	51.111	222.850	0.96389	0.91338
17	52.222	223.850	0.97953	0.94815
18	53.333	224.850	0.99255	0.96884
19	54.444	225.850	0.99761	0.98113
20	55.556	226.850	1.00000	0.98847

#SCAN: 5 9_e_40_0.1.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	10.000	197.850	0.0	1.36374E-4
2	20.000	198.850	0.0	3.61102E-4
3	30.000	199.850	0.0	9.33507E-4
4	40.000	200.850	2.77312E-3	2.36486E-3
5	50.000	201.850	1.05514E-2	5.88171E-3
6	60.000	202.850	1.83614E-2	1.43504E-2
7	70.000	203.850	2.86904E-2	3.41519E-2
8	80.000	204.850	6.64829E-2	7.80875E-2
9	90.000	205.850	0.12691	0.16630
10	100.000	206.850	0.29274	0.31438
11	110.000	207.850	0.50439	0.50451
12	120.000	208.850	0.70185	0.68389
13	130.000	209.850	0.85975	0.81423
14	140.000	210.850	0.93765	0.89463
15	150.000	211.850	0.96774	0.94056
16	160.000	212.850	0.98528	0.96618
17	170.000	213.850	0.99525	0.98049
18	180.000	214.850	0.99763	0.98859
19	190.000	215.850	1.00000	0.99323
20	200.000	216.850	1.00000	0.99594
21	210.000	217.850	1.00000	0.99753

#SCAN: 2 9_e_34_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	176.850	0.0	5.00083E-5
1	11.111	186.850	0.0	5.34840E-4
2	22.222	196.850	0.0	5.03005E-3
3	27.778	201.850	0.0	1.48755E-2
4	31.111	204.850	0.0	2.82029E-2
5	33.333	206.850	0.0	4.30120E-2
6	35.556	208.850	0.0	6.53695E-2
7	37.778	210.850	6.01720E-3	9.90081E-2
8	40.000	212.850	1.72791E-2	0.14945
9	42.222	214.850	3.12323E-2	0.22484
10	44.444	216.850	5.83993E-2	0.33714
11	45.556	217.850	0.17715	0.41233
12	46.667	218.850	0.37536	0.50388
13	47.778	219.850	0.60074	0.61526
14	48.889	220.850	0.82704	0.75067
15	50.000	221.850	0.92182	0.91514
16	51.111	222.850	0.96389	1.00000
17	52.222	223.850	0.97953	1.00000

8	32.000	210.850	4.44543E-2	3.08586E-2
9	34.000	211.850	0.10749	5.87590E-2
10	36.000	212.850	0.24853	0.11048
11	38.000	213.850	0.46573	0.19945
12	40.000	214.850	0.65603	0.33312
13	42.000	215.850	0.82185	0.49766
14	44.000	216.850	0.89976	0.65808
15	46.000	217.850	0.94503	0.78445
16	48.000	218.850	0.96760	0.86990
17	50.000	219.850	0.98515	0.92281
18	52.000	220.850	0.99512	0.95427
19	54.000	221.850	1.00000	0.97275
20	56.000	222.850	1.00000	0.98361
21	58.000	223.850	1.00000	0.99005
22	60.000	224.850	1.00000	0.99390

#SCAN: 6 9_e_42_0.05.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	191.850	0.0	5.00083E-5
1	20.000	192.850	0.0	1.08316E-4
2	40.000	193.850	0.0	2.38517E-4
3	60.000	194.850	0.0	5.32284E-4
4	80.000	195.850	0.0	1.20031E-3
5	100.000	196.850	7.45726E-3	2.72717E-3
6	120.000	197.850	1.73795E-2	6.22266E-3
7	140.000	198.850	2.48944E-2	1.41930E-2
8	160.000	199.850	5.66013E-2	3.21024E-2
9	180.000	200.850	0.15137	7.09093E-2
10	200.000	201.850	0.30472	0.14863
11	220.000	202.850	0.52432	0.28257
12	240.000	203.850	0.74484	0.46429
13	260.000	204.850	0.86868	0.64780
14	280.000	205.850	0.94413	0.78906
15	300.000	206.850	0.97579	0.87941
16	320.000	207.850	0.99038	0.93194
17	340.000	208.850	0.99765	0.96141
18	360.000	209.850	1.00000	0.97786
19	380.000	210.850	1.00000	0.98712
20	400.000	211.850	1.00000	0.99241
21	420.000	212.850	1.00000	0.99548
22	440.000	213.850	1.00000	0.99728

#SCAN: 3 9_e_41_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	194.850	0.0	5.00083E-5
1	4.000	196.850	0.0	3.27437E-3
2	8.000	198.850	0.0	8.22922E-3
3	12.000	200.850	0.0	1.58157E-2
4	16.000	202.850	0.0	2.73899E-2
5	20.000	204.850	0.0	4.49855E-2
6	24.000	206.850	1.05703E-2	7.16418E-2
7	28.000	208.850	2.37107E-2	0.11189
8	32.000	210.850	4.44543E-2	0.17243
9	34.000	211.850	0.10749	0.21327
10	36.000	212.850	0.24853	0.26323
11	38.000	213.850	0.46573	0.32431
12	40.000	214.850	0.65603	0.39893
13	42.000	215.850	0.82185	0.49000
14	44.000	216.850	0.89976	0.60106
15	46.000	217.850	0.94503	0.73641
16	48.000	218.850	0.96760	0.90120
17	50.000	219.850	0.98515	1.00000

18	53.333	224.850	1.00000	1.00000
19	54.444	225.850	0.99974	1.00000
20	55.556	226.850	1.00000	1.00000

18	53.333	224.850	0.99255	1.00000
19	54.444	225.850	0.99761	1.00000
20	55.556	226.850	1.00000	1.00000

18	52.000	220.850	0.99512	1.00000
19	54.000	221.850	1.00000	1.00000
20	56.000	222.850	1.00000	1.00000
21	58.000	223.850	1.00000	1.00000
22	60.000	224.850	1.00000	1.00000

#SCAN: 4 9_e_39_0.1.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	198.850	0.0	5.00083E-5
1	10.000	199.850	0.0	1.70119E-2
2	20.000	200.850	0.0	3.79823E-2
3	30.000	201.850	0.0	6.38855E-2
4	40.000	202.850	2.19504E-3	9.58532E-2
5	50.000	203.850	0.0	0.13527
6	60.000	204.850	5.47327E-3	0.18383
7	70.000	205.850	1.09390E-2	0.24360
8	80.000	206.850	2.43324E-2	0.31711
9	90.000	207.850	6.64678E-2	0.40744
10	100.000	208.850	0.13195	0.51833
11	110.000	209.850	0.26127	0.65436
12	120.000	210.850	0.44588	0.82107
13	130.000	211.850	0.65222	1.00000
14	140.000	212.850	0.84373	1.00000
15	150.000	213.850	0.94088	1.00000
16	160.000	214.850	0.96697	1.00000
17	170.000	215.850	0.98256	1.00000
18	190.000	217.850	0.99260	1.00000
19	210.000	219.850	1.00000	1.00000
20	230.000	221.850	1.00000	1.00000

#SCAN: 5 9_e_40_0.1.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	10.000	197.850	0.0	1.11170E-2
2	20.000	198.850	0.0	2.48242E-2
3	30.000	199.850	0.0	4.17861E-2
4	40.000	200.850	2.77312E-3	6.27565E-2
5	50.000	201.850	1.05514E-2	8.86597E-2
6	60.000	202.850	1.83614E-2	0.12063
7	70.000	203.850	2.86904E-2	0.16004
8	80.000	204.850	6.64829E-2	0.20861
9	90.000	205.850	0.12691	0.26838
10	100.000	206.850	0.29274	0.34189
11	110.000	207.850	0.50439	0.43221
12	120.000	208.850	0.70185	0.54310
13	130.000	209.850	0.85975	0.67913
14	140.000	210.850	0.93765	0.84585
15	150.000	211.850	0.96774	1.00000
16	160.000	212.850	0.98528	1.00000
17	170.000	213.850	0.99525	1.00000
18	180.000	214.850	0.99763	1.00000
19	190.000	215.850	1.00000	1.00000
20	200.000	216.850	1.00000	1.00000
21	210.000	217.850	1.00000	1.00000

#SCAN: 6 9_e_42_0.05.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	191.850	0.0	5.00083E-5
1	20.000	192.850	0.0	7.54004E-3
2	40.000	193.850	0.0	1.68598E-2
3	60.000	194.850	0.0	2.84455E-2
4	80.000	195.850	0.0	4.28347E-2
5	100.000	196.850	7.45726E-3	6.06892E-2
6	120.000	197.850	1.73795E-2	8.28232E-2
7	140.000	198.850	2.48944E-2	0.11024
8	160.000	199.850	5.66013E-2	0.14416
9	180.000	200.850	0.15137	0.18610
10	200.000	201.850	0.30472	0.23791
11	220.000	202.850	0.52432	0.30184
12	240.000	203.850	0.74484	0.38068
13	260.000	204.850	0.86868	0.47780
14	280.000	205.850	0.94413	0.59734
15	300.000	206.850	0.97579	0.74436
16	320.000	207.850	0.99038	0.92500
17	340.000	208.850	0.99765	1.00000
18	360.000	209.850	1.00000	1.00000
19	380.000	210.850	1.00000	1.00000
20	400.000	211.850	1.00000	1.00000
21	420.000	212.850	1.00000	1.00000
22	440.000	213.850	1.00000	1.00000

#Project:9_model_experimental

#Meas. type:ALPHA

#Model Step 1: 2-dim. phase boundary reaction

#STATISTICS

#Least Squares: 588.53785

#Mean of residues: 2.11959

#Max.No of cycles: 50

#Number of cycles: 8

#Correlation coefficient: 0.894555

#Rel.precision:0.001000

#t-critical(0.95;77): 1.982

#Durbin-Watson Value: 0.186

#Durbin-Watson Factor: 2.376

#SCAN: 1 9_e_28_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	176.850	0.0	5.00083E-5
1	11.111	186.850	0.0	5.02781E-4
2	22.222	196.850	0.0	5.15691E-3
3	27.778	201.850	0.0	1.59735E-2
4	31.111	204.850	0.0	3.10668E-2
5	33.333	206.850	0.0	4.80979E-2
6	35.556	208.850	0.0	7.40197E-2
7	37.778	210.850	0.0	0.11308
8	40.000	212.850	8.49215E-3	0.17117
9	42.222	214.850	2.73553E-2	0.25586
10	44.444	216.850	6.70747E-2	0.37569
11	45.556	217.850	0.17136	0.45103
12	46.667	218.850	0.38524	0.53699
13	47.778	219.850	0.67813	0.63253
14	48.889	220.850	0.89390	0.73469
15	50.000	221.850	0.97193	0.83728
16	51.111	222.850	0.99524	0.92894
17	52.222	223.850	0.99762	0.99017
18	53.333	224.850	1.00000	1.00000
19	54.444	225.850	0.99974	1.00000
20	55.556	226.850	1.00000	1.00000

#SCAN: 2 9_e_34_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	176.850	0.0	5.00083E-5
1	11.111	186.850	0.0	5.02781E-4
2	22.222	196.850	0.0	5.15691E-3
3	27.778	201.850	0.0	1.59735E-2
4	31.111	204.850	0.0	3.10668E-2
5	33.333	206.850	0.0	4.80979E-2
6	35.556	208.850	0.0	7.40197E-2
7	37.778	210.850	6.01720E-3	0.11308
8	40.000	212.850	1.72791E-2	0.17117
9	42.222	214.850	3.12323E-2	0.25586
10	44.444	216.850	5.83993E-2	0.37569
11	45.556	217.850	0.17715	0.45103
12	46.667	218.850	0.37536	0.53699
13	47.778	219.850	0.60074	0.63253
14	48.889	220.850	0.82704	0.73469
15	50.000	221.850	0.92182	0.83728
16	51.111	222.850	0.96389	0.92894
17	52.222	223.850	0.97953	0.99017
18	53.333	224.850	0.99255	1.00000
19	54.444	225.850	0.99761	1.00000
20	55.556	226.850	1.00000	1.00000

#SCAN: 3 9_e_41_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	194.850	0.0	5.00083E-5
1	4.000	196.850	0.0	3.47182E-3
2	8.000	198.850	0.0	8.82598E-3
3	12.000	200.850	0.0	1.71614E-2
4	16.000	202.850	0.0	3.00644E-2
5	20.000	204.850	0.0	4.99031E-2
6	24.000	206.850	1.05703E-2	8.01496E-2
7	28.000	208.850	2.37107E-2	0.12575
8	32.000	210.850	4.44543E-2	0.19345
9	34.000	211.850	0.10749	0.23817
10	36.000	212.850	0.24853	0.29165
11	38.000	213.850	0.46573	0.35498
12	40.000	214.850	0.65603	0.42898
13	42.000	215.850	0.82185	0.51397
14	44.000	216.850	0.89976	0.60919
15	46.000	217.850	0.94503	0.71209
16	48.000	218.850	0.96760	0.81706
17	50.000	219.850	0.98515	0.91353
18	52.000	220.850	0.99512	0.98309
19	54.000	221.850	1.00000	1.00000
20	56.000	222.850	1.00000	1.00000
21	58.000	223.850	1.00000	1.00000
22	60.000	224.850	1.00000	1.00000

#SCAN: 4 9_e_39_0.1.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	198.850	0.0	5.00083E-5
1	10.000	199.850	0.0	1.86176E-2

#SCAN: 5 9_e_40_0.1.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	10.000	197.850	0.0	1.19430E-2

#SCAN: 6 9_e_42_0.05.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	191.850	0.0	5.00083E-5
1	20.000	192.850	0.0	7.70586E-3

2	20.000	200.850	0.0	4.15599E-2
3	30.000	201.850	0.0	6.98024E-2
4	40.000	202.850	2.19504E-3	0.10441
5	50.000	203.850	0.0	0.14660
6	60.000	204.850	5.47327E-3	0.19766
7	70.000	205.850	1.09390E-2	0.25894
8	80.000	206.850	2.43324E-2	0.33164
9	90.000	207.850	6.64678E-2	0.41664
10	100.000	208.850	0.13195	0.51399
11	110.000	209.850	0.26127	0.62224
12	120.000	210.850	0.44588	0.73735
13	130.000	211.850	0.65222	0.85083
14	140.000	212.850	0.84373	0.94698
15	150.000	213.850	0.94088	0.99857
16	160.000	214.850	0.96697	1.00000
17	170.000	215.850	0.98256	1.00000
18	190.000	217.850	0.99260	1.00000
19	210.000	219.850	1.00000	1.00000
20	230.000	221.850	1.00000	1.00000

#Project:9_model_experimental
#Meas. type:ALPHA
#Model Step 1: 3-dim. phase boundary reaction
#STATISTICS
#Least Squares: 617.06157
#Mean of residues: 2.17034
#Max.No of cycles: 50
#Number of cycles: 8
#Correlation coefficient: 0.889097
#Rel.precision:0.001000
#t-critical(0.95;77): 1.982
#Durbin-Watson Value: 0.173
#Durbin-Watson Factor: 2.459
#SCAN: 1 9_e_28_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	176.850	0.0	5.00083E-5
1	11.111	186.850	0.0	4.84403E-4
2	22.222	196.850	0.0	5.15498E-3
3	27.778	201.850	0.0	1.62948E-2
4	31.111	204.850	0.0	3.20502E-2
5	33.333	206.850	0.0	4.99528E-2
6	35.556	208.850	0.0	7.73058E-2
7	37.778	210.850	0.0	0.11857
8	40.000	212.850	8.49215E-3	0.17973
9	42.222	214.850	2.73553E-2	0.26805
10	44.444	216.850	6.70747E-2	0.39055
11	45.556	217.850	0.17136	0.46581
12	46.667	218.850	0.38524	0.54979
13	47.778	219.850	0.67813	0.64058
14	48.889	220.850	0.89390	0.73452
15	50.000	221.850	0.97193	0.82565
16	51.111	222.850	0.99524	0.90562
17	52.222	223.850	0.99762	0.96462
18	53.333	224.850	1.00000	0.99488
19	54.444	225.850	0.99974	1.00000
20	55.556	226.850	1.00000	1.00000

#SCAN: 4 9_e_39_0.1.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	198.850	0.0	5.00083E-5
1	10.000	199.850	0.0	1.91387E-2
2	20.000	200.850	0.0	4.27347E-2
3	30.000	201.850	0.0	7.17629E-2
4	40.000	202.850	2.19504E-3	0.10727
5	50.000	203.850	0.0	0.15038
6	60.000	204.850	5.47327E-3	0.20227
7	70.000	205.850	1.09390E-2	0.26402
8	80.000	206.850	2.43324E-2	0.33647
9	90.000	207.850	6.64678E-2	0.41987
10	100.000	208.850	0.13195	0.51354
11	110.000	209.850	0.26127	0.61523

2	20.000	198.850	0.0	2.67226E-2
3	30.000	199.850	0.0	4.50396E-2
4	40.000	200.850	2.77312E-3	6.76692E-2
5	50.000	201.850	1.05514E-2	9.55214E-2
6	60.000	202.850	1.83614E-2	0.12965
7	70.000	203.850	2.86904E-2	0.17122
8	80.000	204.850	6.64829E-2	0.22153
9	90.000	205.850	0.12691	0.28187
10	100.000	206.850	0.29274	0.35342
11	110.000	207.850	0.50439	0.43697
12	120.000	208.850	0.70185	0.53253
13	130.000	209.850	0.85975	0.63857
14	140.000	210.850	0.93765	0.75093
15	150.000	211.850	0.96774	0.86102
16	160.000	212.850	0.98528	0.95298
17	170.000	213.850	0.99525	0.99941
18	180.000	214.850	0.99763	1.00000
19	190.000	215.850	1.00000	1.00000
20	200.000	216.850	1.00000	1.00000
21	210.000	217.850	1.00000	1.00000

#SCAN: 2 9_e_34_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	176.850	0.0	5.00083E-5
1	11.111	186.850	0.0	4.84403E-4
2	22.222	196.850	0.0	5.15498E-3
3	27.778	201.850	0.0	1.62948E-2
4	31.111	204.850	0.0	3.20502E-2
5	33.333	206.850	0.0	4.99528E-2
6	35.556	208.850	0.0	7.73058E-2
7	37.778	210.850	6.01720E-3	0.11857
8	40.000	212.850	1.72791E-2	0.17973
9	42.222	214.850	3.12323E-2	0.26805
10	44.444	216.850	5.83993E-2	0.39055
11	45.556	217.850	0.17715	0.46581
12	46.667	218.850	0.37536	0.54979
13	47.778	219.850	0.60074	0.64058
14	48.889	220.850	0.82704	0.73452
15	50.000	221.850	0.92182	0.82565
16	51.111	222.850	0.96389	0.90562
17	52.222	223.850	0.97953	0.96462
18	53.333	224.850	0.99255	0.99488
19	54.444	225.850	0.99761	1.00000
20	55.556	226.850	1.00000	1.00000

#SCAN: 5 9_e_40_0.1.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	10.000	197.850	0.0	1.21781E-2
2	20.000	198.850	0.0	2.72793E-2
3	30.000	199.850	0.0	4.60187E-2
4	40.000	200.850	2.77312E-3	6.91799E-2
5	50.000	201.850	1.05514E-2	9.76683E-2
6	60.000	202.850	1.83614E-2	0.13250
7	70.000	203.850	2.86904E-2	0.17479
8	80.000	204.850	6.64829E-2	0.22568
9	90.000	205.850	0.12691	0.28620
10	100.000	206.850	0.29274	0.35715
11	110.000	207.850	0.50439	0.43878

2	40.000	193.850	0.0	1.72890E-2
3	60.000	194.850	0.0	2.92593E-2
4	80.000	195.850	0.0	4.41752E-2
5	100.000	196.850	7.45726E-3	6.27096E-2
6	120.000	197.850	1.73795E-2	8.56649E-2
7	140.000	198.850	2.48944E-2	0.11398
8	160.000	199.850	5.66013E-2	0.14876
9	180.000	200.850	0.15137	0.19120
10	200.000	201.850	0.30472	0.24263
11	220.000	202.850	0.52432	0.30437
12	240.000	203.850	0.74484	0.37759
13	260.000	204.850	0.86868	0.46300
14	280.000	205.850	0.94413	0.56038
15	300.000	206.850	0.97579	0.66777
16	320.000	207.850	0.99038	0.78014
17	340.000	208.850	0.99765	0.88735
18	360.000	209.850	1.00000	0.97091
19	380.000	210.850	1.00000	1.00000
20	400.000	211.850	1.00000	1.00000
21	420.000	212.850	1.00000	1.00000
22	440.000	213.850	1.00000	1.00000

#SCAN: 3 9_e_41_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	194.850	0.0	5.00083E-5
1	4.000	196.850	0.0	3.51999E-3
2	8.000	198.850	0.0	8.99326E-3
3	12.000	200.850	0.0	1.75780E-2
4	16.000	202.850	0.0	3.09550E-2
5	20.000	204.850	0.0	5.16320E-2
6	24.000	206.850	1.05703E-2	8.32605E-2
7	28.000	208.850	2.37107E-2	0.13096
8	32.000	210.850	4.44543E-2	0.20142
9	34.000	211.850	0.10749	0.24762
10	36.000	212.850	0.24853	0.30240
11	38.000	213.850	0.46573	0.36652
12	40.000	214.850	0.65603	0.44031
13	42.000	215.850	0.82185	0.52337
14	44.000	216.850	0.89976	0.61413
15	46.000	217.850	0.94503	0.70931
16	48.000	218.850	0.96760	0.80337
17	50.000	219.850	0.98515	0.88822
18	52.000	220.850	0.99512	0.95381
19	54.000	221.850	1.00000	0.99107
20	56.000	222.850	1.00000	0.99999
21	58.000	223.850	1.00000	1.00000
22	60.000	224.850	1.00000	1.00000

#SCAN: 6 9_e_42_0.05.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	191.850	0.0	5.00083E-5
1	20.000	192.850	0.0	7.68889E-3
2	40.000	193.850	0.0	1.72799E-2
3	60.000	194.850	0.0	2.92914E-2
4	80.000	195.850	0.0	4.42901E-2
5	100.000	196.850	7.45726E-3	6.29540E-2
6	120.000	197.850	1.73795E-2	8.60836E-2
7	140.000	198.850	2.48944E-2	0.11461
8	160.000	199.850	5.66013E-2	0.14956
9	180.000	200.850	0.15137	0.19209
10	200.000	201.850	0.30472	0.24335
11	220.000	202.850	0.52432	0.30440

12	120.000	210.850	0.44588	0.72046
13	130.000	211.850	0.65222	0.82191
14	140.000	212.850	0.84373	0.90920
15	150.000	213.850	0.94088	0.97044
16	160.000	214.850	0.96697	0.99751
17	170.000	215.850	0.98256	1.00000
18	190.000	217.850	0.99260	1.00000
19	210.000	219.850	1.00000	1.00000
20	230.000	221.850	1.00000	1.00000

12	120.000	208.850	0.70185	0.53034
13	130.000	209.850	0.85975	0.62958
14	140.000	210.850	0.93765	0.73205
15	150.000	211.850	0.96774	0.83046
16	160.000	212.850	0.98528	0.91464
17	170.000	213.850	0.99525	0.97299
18	180.000	214.850	0.99763	0.99798
19	190.000	215.850	1.00000	1.00000
20	200.000	216.850	1.00000	1.00000
21	210.000	217.850	1.00000	1.00000

12	240.000	203.850	0.74484	0.37601
13	260.000	204.850	0.86868	0.45836
14	280.000	205.850	0.94413	0.55055
15	300.000	206.850	0.97579	0.65006
16	320.000	207.850	0.99038	0.75197
17	340.000	208.850	0.99765	0.84840
18	360.000	209.850	1.00000	0.92856
19	380.000	210.850	1.00000	0.98076
20	400.000	211.850	1.00000	0.99937
21	420.000	212.850	1.00000	1.00000
22	440.000	213.850	1.00000	1.00000

[FeL2](BF4)2 (1A), sample 5-1

Kinetic parameters are listed in Table 1

#F-TEST ON FIT-QUALITY

#No	F-value	F-crit	f	Code
0	1.00	1.38	108	s: Cn B
1	1.02	1.38	108	s: Bna
2	1.02	1.38	109	s: C1 B
3	1.03	1.38	109	s: An
4	1.05	1.37	110	s: A3
5	1.34	1.37	110	s: A2
6	1.36	1.37	110	s: B1
7	1.84	1.38	109	s: Fn
8	2.12	1.37	110	s: R2
9	2.23	1.37	110	s: R3
10	2.45	1.37	110	s: F1
11	3.01	1.37	110	s: D1
12	3.05	1.37	110	s: F2
13	3.09	1.37	110	s: D1F
14	3.22	1.37	110	s: D2
15	3.29	1.37	110	s: D4
16	3.36	1.37	110	s: D3F
17	3.43	1.37	110	s: D3

#Project:5-1_model_experimental

#Meas. type:ALPHA

#Model Step 1: n-th order with autocatalysis by B

#STATISTICS

#Least Squares: 515.49366

#Mean of residues: 1.47794

#Max.No of cycles: 50

#Number of cycles: 20

#Correlation coefficient: 0.935278

#Rel.precision:0.001000

#t-critical(0.95;108): 1.973

#Durbin-Watson Value: 0.288

#Durbin-Watson Factor: 1.935

#SCAN: 1 5-1_m_17_2.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	66.850	0.0	5.00083E-5
1	10.000	86.850	0.0	5.00083E-5
2	20.000	106.850	0.0	5.00083E-5
3	30.000	126.850	0.0	5.00084E-5
4	40.000	146.850	0.0	5.00158E-5
5	50.000	166.850	0.0	5.04237E-5
6	55.000	176.850	0.0	5.27260E-5
7	60.000	186.850	0.0	6.64906E-5
8	65.000	196.850	0.0	1.45211E-4
9	70.000	206.850	0.0	6.39306E-4
10	71.000	208.850	0.0	9.34596E-4
11	72.000	210.850	0.0	1.42020E-3
12	73.000	212.850	0.0	2.27235E-3
13	74.000	214.850	0.0	3.90607E-3
14	75.000	216.850	0.0	7.43465E-3
15	76.000	218.850	1.75283E-2	1.63499E-2
16	77.000	220.850	4.87365E-2	4.36368E-2
17	78.000	222.850	0.19051	0.14185
18	79.000	224.850	0.84932	0.43454
19	80.000	226.850	1.00000	0.77676
20	81.000	228.850	1.00000	0.92465

#SCAN: 4 5-1_m_12_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	176.850	0.0	5.00083E-5
1	11.111	186.850	0.0	8.07460E-5
2	22.222	196.850	0.0	2.65077E-4
3	27.778	201.850	0.0	6.17512E-4
4	31.111	204.850	0.0	1.12223E-3
5	33.333	206.850	0.0	1.76435E-3
6	35.556	208.850	0.0	2.95283E-3

#SCAN: 2 5-1_m_23_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	186.850	0.0	5.00083E-5
1	10.000	196.850	0.0	2.10438E-4
2	14.000	200.850	0.0	4.24166E-4
3	18.000	204.850	0.0	9.32224E-4
4	20.000	206.850	0.0	1.45417E-3
5	22.000	208.850	0.0	2.39169E-3
6	24.000	210.850	0.0	4.24684E-3
7	26.000	212.850	0.0	8.43079E-3
8	28.000	214.850	1.26664E-2	1.96346E-2
9	29.000	215.850	1.90453E-2	3.23531E-2
10	30.000	216.850	3.13677E-2	5.64161E-2
11	31.000	217.850	6.45032E-2	0.10345
12	32.000	218.850	0.13641	0.19374
13	33.000	219.850	0.28753	0.34663
14	34.000	220.850	0.44076	0.54341
15	35.000	221.850	0.60357	0.72032
16	36.000	222.850	0.76404	0.83908
17	37.000	223.850	0.90863	0.90777
18	38.000	224.850	0.98912	0.94591
19	39.000	225.850	0.99606	0.96732
20	40.000	226.850	1.00000	0.97969

#SCAN: 5 5-1_m_27_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	166.850	0.0	5.00083E-5
1	40.000	186.850	0.0	1.15600E-4
2	60.000	196.850	0.0	4.78041E-4
3	64.000	198.850	0.0	6.90910E-4
4	68.000	200.850	0.0	1.03359E-3
5	72.000	202.850	0.0	1.61640E-3
6	76.000	204.850	0.0	2.68608E-3

#SCAN: 3 5-1_m_24_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	4.000	200.850	0.0	2.37770E-4
2	8.000	204.850	0.0	6.84159E-4
3	10.000	206.850	0.0	1.14283E-3
4	12.000	208.850	0.0	1.96692E-3
5	13.000	209.850	0.0	2.63431E-3
6	14.000	210.850	0.0	3.59841E-3
7	15.000	211.850	0.0	5.03983E-3
8	16.000	212.850	0.0	7.28185E-3
9	17.000	213.850	4.83996E-3	1.09298E-2
10	18.000	214.850	1.40917E-2	1.71721E-2
11	19.000	215.850	3.07360E-2	2.84466E-2
12	20.000	216.850	6.65635E-2	4.99143E-2
13	21.000	217.850	0.14969	9.23881E-2
14	22.000	218.850	0.26121	0.17581
15	23.000	219.850	0.48711	0.32251
16	24.000	220.850	0.71541	0.52042
17	25.000	221.850	0.88074	0.70517
18	26.000	222.850	0.94253	0.83116
19	28.000	224.850	0.99807	0.94409
20	30.000	226.850	1.00000	0.97923

#SCAN: 6 5-1_m_28_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	6.000	199.850	0.0	3.15189E-4
2	10.000	201.850	0.0	6.39175E-4
3	14.000	203.850	0.0	1.21010E-3
4	18.000	205.850	0.0	2.31078E-3
5	22.000	207.850	0.0	4.71079E-3
6	26.000	209.850	0.0	1.08883E-2

7	37.778	210.850	0.0	5.40248E-3
8	40.000	212.850	0.0	1.12361E-2
9	42.222	214.850	0.0	2.79657E-2
10	44.444	216.850	1.50339E-2	8.65879E-2
11	45.556	217.850	2.68520E-2	0.16180
12	46.667	218.850	5.86252E-2	0.29578
13	47.778	219.850	0.24443	0.48522
14	48.889	220.850	0.52665	0.67430
15	50.000	221.850	0.84721	0.81061
16	51.111	222.850	0.96834	0.89180
17	52.222	223.850	0.99514	0.93708
18	53.333	224.850	0.99901	0.96234
19	54.444	225.850	1.00000	0.97679
20	55.556	226.850	1.00000	0.98531

#SCAN: 7 5-1_m_15_0.4.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	166.850	0.0	5.00083E-5
1	25.000	176.850	0.0	6.15613E-5
2	50.000	186.850	0.0	1.32570E-4
3	75.000	196.850	0.0	6.07745E-4
4	87.500	201.850	0.0	1.75949E-3
5	95.000	204.850	0.0	3.99192E-3
6	100.000	206.850	0.0	7.87221E-3
7	105.000	208.850	0.0	1.82439E-2
8	110.000	210.850	1.04049E-2	5.24652E-2
9	115.000	212.850	3.33066E-2	0.18336
10	120.000	214.850	6.88567E-2	0.53369
11	122.500	215.850	0.12491	0.71610
12	125.000	216.850	0.25075	0.83847
13	127.500	217.850	0.54436	0.90852
14	130.000	218.850	0.82519	0.94694
15	132.500	219.850	0.95321	0.96826
16	135.000	220.850	0.99059	0.98045
17	137.500	221.850	1.00000	0.98764
18	145.000	224.850	1.00000	0.99649
19	147.500	225.850	1.00000	0.99763
20	150.000	226.850	1.00000	0.99838

#SCAN:10 5-1_m_25_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	8.000	198.850	0.0	3.81880E-4
2	16.000	200.850	0.0	1.00374E-3
3	24.000	202.850	0.0	2.30885E-3
4	28.000	203.850	0.0	3.52511E-3
5	32.000	204.850	0.0	5.50862E-3
6	36.000	205.850	4.55427E-3	8.92309E-3
7	40.000	206.850	1.75359E-2	1.51691E-2
8	44.000	207.850	2.77572E-2	2.73666E-2
9	48.000	208.850	5.48792E-2	5.27205E-2
10	52.000	209.850	0.15673	0.10746
11	56.000	210.850	0.29851	0.22111
12	60.000	211.850	0.58224	0.41351
13	64.000	212.850	0.84730	0.63286
14	68.000	213.850	0.95446	0.79614
15	72.000	214.850	0.98950	0.88961
16	76.000	215.850	0.99617	0.93872
17	80.000	216.850	1.00000	0.96466
18	84.000	217.850	1.00000	0.97886
19	92.000	219.850	1.00000	0.99173
20	100.000	221.850	1.00000	0.99647
21	112.000	224.850	1.00000	0.99891

#Project:5-1_model_experimental

#Meas. type:ALPHA

#Model Step 1: Prout-Tompkins n-th order,a autocat

#STATISTICS

#Least Squares: 513.80883

#Mean of residues: 1.47552

#Max.No of cycles: 50

#Number of cycles: 11

#Correlation coefficient: 0.935502

7	80.000	206.850	0.0	4.86605E-3
8	84.000	208.850	0.0	9.98553E-3
9	88.000	210.850	2.11348E-2	2.44525E-2
10	90.000	211.850	4.34024E-2	4.15726E-2
11	92.000	212.850	7.15806E-2	7.48494E-2
12	94.000	213.850	0.12759	0.14052
13	96.000	214.850	0.30808	0.26219
14	98.000	215.850	0.53619	0.44605
15	100.000	216.850	0.75348	0.64332
16	102.000	217.850	0.91870	0.79234
17	104.000	218.850	0.99763	0.88240
18	108.000	220.850	0.99957	0.96002
19	112.000	222.850	1.00000	0.98472
20	114.000	223.850	1.00000	0.99020

#SCAN: 8 5-1_m_16_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	201.850	0.0	5.00083E-5
1	8.000	203.850	0.0	9.31143E-4
2	12.000	204.850	0.0	1.80873E-3
3	16.000	205.850	0.0	3.32609E-3
4	20.000	206.850	3.03933E-3	6.12381E-3
5	24.000	207.850	8.78302E-3	1.16704E-2
6	28.000	208.850	1.58977E-2	2.35624E-2
7	32.000	209.850	2.70977E-2	5.10118E-2
8	36.000	210.850	5.05363E-2	0.11678
9	40.000	211.850	0.11752	0.26200
10	44.000	212.850	0.25961	0.49488
11	48.000	213.850	0.50589	0.71692
12	52.000	214.850	0.80782	0.85346
13	56.000	215.850	0.96041	0.92295
14	60.000	216.850	0.99427	0.95760
15	64.000	217.850	0.99801	0.97555
16	68.000	218.850	0.99901	0.98533
17	72.000	219.850	1.00000	0.99090
18	76.000	220.850	1.00000	0.99421
19	80.000	221.850	1.00000	0.99624
20	84.000	222.850	1.00000	0.99751
21	88.000	223.850	1.00000	0.99833
22	92.000	224.850	1.00000	0.99887

#SCAN:11 5-1_m_26_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	186.850	0.0	5.00083E-5
1	32.000	194.850	0.0	5.14839E-4
2	40.000	196.850	0.0	8.37484E-4
3	48.000	198.850	0.0	1.39432E-3
4	56.000	200.850	0.0	2.43676E-3
5	64.000	202.850	0.0	4.62035E-3
6	68.000	203.850	0.0	6.65024E-3
7	72.000	204.850	7.35825E-3	9.95031E-3
8	76.000	205.850	1.75491E-2	1.56012E-2
9	80.000	206.850	2.77810E-2	2.58423E-2
10	84.000	207.850	5.77645E-2	4.54920E-2
11	88.000	208.850	0.14853	8.49369E-2
12	92.000	209.850	0.31459	0.16433
13	96.000	210.850	0.54364	0.30892
14	100.000	211.850	0.75377	0.51090
15	104.000	212.850	0.94343	0.70268
16	108.000	213.850	0.98280	0.83269
17	112.000	214.850	0.98950	0.90652
18	116.000	215.850	0.99904	0.94644
19	120.000	216.850	1.00000	0.96829
20	124.000	217.850	1.00000	0.98063
21	148.000	223.850	1.00000	0.99845

7	28.000	210.850	0.0	1.77284E-2
8	30.000	211.850	1.22913E-2	3.05564E-2
9	32.000	212.850	2.90707E-2	5.59836E-2
10	34.000	213.850	6.22084E-2	0.10811
11	36.000	214.850	0.11478	0.21172
12	38.000	215.850	0.26424	0.38600
13	40.000	216.850	0.46647	0.59534
14	42.000	217.850	0.69939	0.76489
15	44.000	218.850	0.83598	0.86905
16	46.000	219.850	0.93113	0.92617
17	48.000	220.850	0.98609	0.95705
18	50.000	221.850	0.99610	0.97416
19	54.000	223.850	0.99806	0.98981
20	58.000	225.850	1.00000	0.99562
21	60.000	226.850	1.00000	0.99706

#SCAN: 9 5-1_m_20_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	200.850	0.0	5.00083E-5
1	4.000	201.850	0.0	3.37426E-4
2	8.000	202.850	0.0	7.67138E-4
3	12.000	203.850	0.0	1.43655E-3
4	16.000	204.850	0.0	2.53056E-3
5	20.000	205.850	0.0	4.42049E-3
6	24.000	206.850	0.0	7.89975E-3
7	28.000	207.850	8.86649E-3	1.47771E-2
8	32.000	208.850	1.77692E-2	2.94311E-2
9	36.000	209.850	3.80635E-2	6.27952E-2
10	40.000	210.850	0.13526	0.14028
11	44.000	211.850	0.36828	0.30075
12	48.000	212.850	0.74082	0.53490
13	52.000	213.850	0.93453	0.74123
14	56.000	214.850	0.98846	0.86456
15	60.000	215.850	0.99374	0.92771
16	64.000	216.850	0.99759	0.95968
17	68.000	217.850	1.00000	0.97651
18	72.000	218.850	1.00000	0.98579
19	76.000	219.850	1.00000	0.99114
20	80.000	220.850	1.00000	0.99433

#Rel.precision:0.001000

#t-critical(0.95;108): 1.973

#Durbin-Watson Value: 0.291

#Durbin-Watson Factor: 1.926

#SCAN: 1 5-1_m_17_2.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	66.850	0.0	5.00083E-5
1	10.000	86.850	0.0	5.00083E-5
2	20.000	106.850	0.0	5.00083E-5
3	30.000	126.850	0.0	5.00083E-5
4	40.000	146.850	0.0	5.00092E-5
5	50.000	166.850	0.0	5.00600E-5
6	55.000	176.850	0.0	5.03462E-5
7	60.000	186.850	0.0	5.20729E-5
8	65.000	196.850	0.0	6.25138E-5
9	70.000	206.850	0.0	1.49734E-4
10	71.000	208.850	0.0	2.18680E-4
11	72.000	210.850	0.0	3.56724E-4
12	73.000	212.850	0.0	6.63656E-4
13	74.000	214.850	0.0	1.43500E-3
14	75.000	216.850	0.0	3.65639E-3
15	76.000	218.850	1.75283E-2	1.10212E-2
16	77.000	220.850	4.87365E-2	3.85855E-2
17	78.000	222.850	0.19051	0.14380
18	79.000	224.850	0.84932	0.43404
19	80.000	226.850	1.00000	0.77126
20	81.000	228.850	1.00000	0.92869

#SCAN: 4 5-1_m_12_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	176.850	0.0	5.00083E-5
1	11.111	186.850	0.0	5.38926E-5
2	22.222	196.850	0.0	8.02945E-5
3	27.778	201.850	0.0	1.45214E-4
4	31.111	204.850	0.0	2.68791E-4
5	33.333	206.850	0.0	4.72030E-4
6	35.556	208.850	0.0	9.60553E-4
7	37.778	210.850	0.0	2.30575E-3
8	40.000	212.850	0.0	6.59417E-3
9	42.222	214.850	0.0	2.23310E-2
10	44.444	216.850	1.50339E-2	8.51224E-2
11	45.556	217.850	2.68520E-2	0.16513
12	46.667	218.850	5.86252E-2	0.30043
13	47.778	219.850	0.24443	0.48354
14	48.889	220.850	0.52665	0.66777
15	50.000	221.850	0.84721	0.80715
16	51.111	222.850	0.96834	0.89364
17	52.222	223.850	0.99514	0.94209
18	53.333	224.850	0.99901	0.96827
19	54.444	225.850	1.00000	0.98236
20	55.556	226.850	1.00000	0.99004

#SCAN: 7 5-1_m_15_0.4.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	166.850	0.0	5.00083E-5
1	25.000	176.850	0.0	5.14527E-5
2	50.000	186.850	0.0	6.07865E-5
3	75.000	196.850	0.0	1.43272E-4
4	87.500	201.850	0.0	4.70976E-4
5	95.000	204.850	0.0	1.48659E-3
6	100.000	206.850	0.0	3.98816E-3
7	105.000	208.850	0.0	1.28367E-2
8	110.000	210.850	1.04049E-2	4.83069E-2
9	115.000	212.850	3.33066E-2	0.18801
10	120.000	214.850	6.88567E-2	0.53107
11	122.500	215.850	0.12491	0.71044
12	125.000	216.850	0.25075	0.83703
13	127.500	217.850	0.54436	0.91186
14	130.000	218.850	0.82519	0.95259
15	132.500	219.850	0.95321	0.97424
16	135.000	220.850	0.99059	0.98577
17	137.500	221.850	1.00000	0.99201
18	145.000	224.850	1.00000	0.99846
19	147.500	225.850	1.00000	0.99909
20	150.000	226.850	1.00000	0.99945

#SCAN: 2 5-1_m_23_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	186.850	0.0	5.00083E-5
1	10.000	196.850	0.0	7.19035E-5
2	14.000	200.850	0.0	1.07280E-4
3	18.000	204.850	0.0	2.18200E-4
4	20.000	206.850	0.0	3.67746E-4
5	22.000	208.850	0.0	7.13248E-4
6	24.000	210.850	0.0	1.62283E-3
7	26.000	212.850	0.0	4.38782E-3
8	28.000	214.850	1.26664E-2	1.41077E-2
9	29.000	215.850	1.90453E-2	2.68136E-2
10	30.000	216.850	3.13677E-2	5.23968E-2
11	31.000	217.850	6.45032E-2	0.10327
12	32.000	218.850	0.13641	0.19805
13	33.000	219.850	0.28753	0.34996
14	34.000	220.850	0.44076	0.53944
15	35.000	221.850	0.60357	0.71391
16	36.000	222.850	0.76404	0.83717
17	37.000	223.850	0.90863	0.91076
18	38.000	224.850	0.98912	0.95136
19	39.000	225.850	0.99606	0.97323
20	40.000	226.850	1.00000	0.98504

#SCAN: 5 5-1_m_27_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	166.850	0.0	5.00083E-5
1	40.000	186.850	0.0	5.84821E-5
2	60.000	196.850	0.0	1.17366E-4
3	64.000	198.850	0.0	1.61115E-4
4	68.000	200.850	0.0	2.44824E-4
5	72.000	202.850	0.0	4.21418E-4
6	76.000	204.850	0.0	8.40740E-4
7	80.000	206.850	0.0	1.98267E-3
8	84.000	208.850	0.0	5.59517E-3
9	88.000	210.850	2.11348E-2	1.88435E-2
10	90.000	211.850	4.34024E-2	3.65806E-2
11	92.000	212.850	7.15806E-2	7.25604E-2
12	94.000	213.850	0.12759	0.14312
13	96.000	214.850	0.30808	0.26770
14	98.000	215.850	0.53619	0.44656
15	100.000	216.850	0.75348	0.63762
16	102.000	217.850	0.91870	0.78843
17	104.000	218.850	0.99763	0.88377
18	108.000	220.850	0.99957	0.96600
19	112.000	222.850	1.00000	0.98955
20	114.000	223.850	1.00000	0.99406

#SCAN: 8 5-1_m_16_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	201.850	0.0	5.00083E-5
1	8.000	203.850	0.0	2.17794E-4
2	12.000	204.850	0.0	4.87468E-4
3	16.000	205.850	0.0	1.13896E-3
4	20.000	206.850	3.03933E-3	2.76765E-3
5	24.000	207.850	8.78302E-3	6.95829E-3
6	28.000	208.850	1.58977E-2	1.79468E-2
7	32.000	209.850	2.70977E-2	4.66791E-2
8	36.000	210.850	5.05363E-2	0.11786
9	40.000	211.850	0.11752	0.26758
10	44.000	212.850	0.25961	0.49362
11	48.000	213.850	0.50589	0.71125
12	52.000	214.850	0.80782	0.85296
13	56.000	215.850	0.96041	0.92730
14	60.000	216.850	0.99427	0.96358
15	64.000	217.850	0.99801	0.98126
16	68.000	218.850	0.99901	0.99008
17	72.000	219.850	1.00000	0.99461
18	76.000	220.850	1.00000	0.99701
19	80.000	221.850	1.00000	0.99831
20	84.000	222.850	1.00000	0.99903

#SCAN: 3 5-1_m_24_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	4.000	200.850	0.0	7.60123E-5
2	8.000	204.850	0.0	1.59415E-4
3	10.000	206.850	0.0	2.74309E-4
4	12.000	208.850	0.0	5.45170E-4
5	13.000	209.850	0.0	8.16168E-4
6	14.000	210.850	0.0	1.27509E-3
7	15.000	211.850	0.0	2.08150E-3
8	16.000	212.850	0.0	3.55256E-3
9	17.000	213.850	4.83996E-3	6.33689E-3
10	18.000	214.850	1.40917E-2	1.17922E-2
11	19.000	215.850	3.07360E-2	2.27959E-2
12	20.000	216.850	6.65635E-2	4.53708E-2
13	21.000	217.850	0.14969	9.13094E-2
14	22.000	218.850	0.26121	0.17953
15	23.000	219.850	0.48711	0.32640
16	24.000	220.850	0.71541	0.51718
17	25.000	221.850	0.88074	0.69854
18	26.000	222.850	0.94253	0.82873
19	28.000	224.850	0.99807	0.94945
20	30.000	226.850	1.00000	0.98462

#SCAN: 6 5-1_m_28_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	6.000	199.850	0.0	8.83448E-5
2	10.000	201.850	0.0	1.49728E-4
3	14.000	203.850	0.0	2.93603E-4
4	18.000	205.850	0.0	6.80118E-4
5	22.000	207.850	0.0	1.88864E-3
6	26.000	209.850	0.0	6.31340E-3
7	28.000	210.850	0.0	1.23300E-2
8	30.000	211.850	1.22913E-2	2.50000E-2
9	32.000	212.850	2.90707E-2	5.20166E-2
10	34.000	213.850	6.22084E-2	0.10846
11	36.000	214.850	0.11478	0.21676
12	38.000	215.850	0.26424	0.38857
13	40.000	216.850	0.46647	0.59040
14	42.000	217.850	0.69939	0.75989
15	44.000	218.850	0.83598	0.86941
16	46.000	219.850	0.93113	0.93062
17	48.000	220.850	0.98609	0.96296
18	50.000	221.850	0.99610	0.97991
19	54.000	223.850	0.99806	0.99375
20	58.000	225.850	1.00000	0.99793
21	60.000	226.850	1.00000	0.99878

#SCAN: 9 5-1_m_20_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	200.850	0.0	5.00083E-5
1	4.000	201.850	0.0	9.20349E-5
2	8.000	202.850	0.0	1.78103E-4
3	12.000	203.850	0.0	3.62064E-4
4	16.000	204.850	0.0	7.71886E-4
5	20.000	205.850	0.0	1.72140E-3
6	24.000	206.850	0.0	4.00152E-3
7	28.000	207.850	8.86649E-3	9.64339E-3
8	32.000	208.850	1.77692E-2	2.38639E-2
9	36.000	209.850	3.80635E-2	5.94557E-2
10	40.000	210.850	0.13526	0.14291
11	44.000	211.850	0.36828	0.30599
12	48.000	212.850	0.74082	0.53222
13	52.000	213.850	0.93453	0.73597
14	56.000	214.850	0.98846	0.86481
15	60.000	215.850	0.99374	0.93237
16	64.000	216.850	0.99759	0.96570
17	68.000	217.850	1.00000	0.98216
18	72.000	218.850	1.00000	0.99048
19	76.000	219.850	1.00000	0.99479
20	80.000	220.850	1.00000	0.99709


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21 88.000 223.850 1.00000 0.99943
22 92.000 224.850 1.00000 0.99967

#SCAN:10 5-1_m_25_0.25.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 196.850 0.0 5.00083E-5
1 8.000 198.850 0.0 9.97094E-5
2 16.000 200.850 0.0 2.36708E-4
3 24.000 202.850 0.0 6.79771E-4
4 28.000 203.850 0.0 1.24005E-3
5 32.000 204.850 0.0 2.37520E-3
6 36.000 205.850 4.55427E-3 4.76901E-3
7 40.000 206.850 1.75359E-2 1.00040E-2
8 44.000 207.850 2.77572E-2 2.17824E-2
9 48.000 208.850 5.48792E-2 4.85827E-2
10 52.000 209.850 0.15673 0.10798
11 56.000 210.850 0.29851 0.22670
12 60.000 211.850 0.58224 0.41567
13 64.000 212.850 0.84730 0.62772
14 68.000 213.850 0.95446 0.79269
15 72.000 214.850 0.98950 0.89167
16 76.000 215.850 0.99617 0.94404
17 80.000 216.850 1.00000 0.97071
18 84.000 217.850 1.00000 0.98435
19 92.000 219.850 1.00000 0.99524
20 100.000 221.850 1.00000 0.99845
21 112.000 224.850 1.00000 0.99968

#SCAN:11 5-1_m_26_0.25.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 186.850 0.0 5.00083E-5
1 32.000 194.850 0.0 1.24455E-4
2 40.000 196.850 0.0 1.95002E-4
3 48.000 198.850 0.0 3.49478E-4
4 56.000 200.850 0.0 7.33706E-4
5 64.000 202.850 0.0 1.84035E-3
6 68.000 203.850 0.0 3.12803E-3
7 72.000 204.850 7.35825E-3 5.57556E-3
8 76.000 205.850 1.75491E-2 1.04079E-2
9 80.000 206.850 2.77810E-2 2.02706E-2
10 84.000 207.850 5.77645E-2 4.08483E-2
11 88.000 208.850 0.14853 8.36970E-2
12 92.000 209.850 0.31459 0.16847
13 96.000 210.850 0.54364 0.31443
14 100.000 211.850 0.75377 0.50953
15 104.000 212.850 0.94343 0.69726
16 108.000 213.850 0.98280 0.83114
17 112.000 214.850 0.98950 0.90983
18 116.000 215.850 0.99904 0.95214
19 120.000 216.850 1.00000 0.97431
20 124.000 217.850 1.00000 0.98596
21 148.000 223.850 1.00000 0.99949

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#Project:5-1_model_experimental
#Meas. type:ALPHA
#Model Step 1: 1st order with autocatalysis by B
#STATISTICS
#Least Squares: 533.20160
#Mean of residues: 1.50311
#Max.No of cycles: 50
#Number of cycles: 14
#Correlation coefficient: 0.933023
#Rel.precision:0.001000
#t-critical(0.95;109): 1.973
#Durbin-Watson Value: 0.311
#Durbin-Watson Factor: 1.868
#SCAN: 1 5-1_m_17_2.0.txt

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# Time/min; Temp/°C; O_Y R_Y
0 0.000 66.850 0.0 5.00083E-5
1 10.000 86.850 0.0 5.00083E-5
2 20.000 106.850 0.0 5.00083E-5
3 30.000 126.850 0.0 5.00086E-5
4 40.000 146.850 0.0 5.00363E-5
5 50.000 166.850 0.0 5.15448E-5
6 55.000 176.850 0.0 5.99899E-5
7 60.000 186.850 0.0 1.10048E-4
8 65.000 196.850 0.0 3.91244E-4
9 70.000 206.850 0.0 2.03819E-3
10 71.000 208.850 0.0 2.95017E-3
11 72.000 210.850 0.0 4.36391E-3
12 73.000 212.850 0.0 6.65235E-3
13 74.000 214.850 0.0 1.05812E-2
14 75.000 216.850 0.0 1.78792E-2
15 76.000 218.850 1.75283E-2 3.29012E-2
16 77.000 220.850 4.87365E-2 6.79479E-2
17 78.000 222.850 0.19051 0.16019
18 79.000 224.850 0.84932 0.39932
19 80.000 226.850 1.00000 0.77573
20 81.000 228.850 1.00000 0.96879

```

```

#SCAN: 4 5-1_m_12_0.9.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 176.850 0.0 5.00083E-5
1 11.111 186.850 0.0 1.61628E-4
2 22.222 196.850 0.0 8.09641E-4
3 27.778 201.850 0.0 1.97478E-3
4 31.111 204.850 0.0 3.51955E-3
5 33.333 206.850 0.0 5.33322E-3
6 35.556 208.850 0.0 8.38368E-3
7 37.778 210.850 0.0 1.38949E-2
8 40.000 212.850 0.0 2.48471E-2

```

```

#SCAN: 2 5-1_m_23_1.0.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 186.850 0.0 5.00083E-5
1 10.000 196.850 0.0 6.19712E-4
2 14.000 200.850 0.0 1.34433E-3
3 18.000 204.850 0.0 2.94921E-3
4 20.000 206.850 0.0 4.47051E-3
5 22.000 208.850 0.0 6.97764E-3
6 24.000 210.850 0.0 1.13848E-2
7 26.000 212.850 0.0 1.98322E-2
8 28.000 214.850 1.26664E-2 3.79497E-2
9 29.000 215.850 1.90453E-2 5.49426E-2
10 30.000 216.850 3.13677E-2 8.23749E-2
11 31.000 217.850 6.45032E-2 0.12790
12 32.000 218.850 0.13641 0.20412
13 33.000 219.850 0.28753 0.32727
14 34.000 220.850 0.44076 0.50404
15 35.000 221.850 0.60357 0.70404
16 36.000 222.850 0.76404 0.86412
17 37.000 223.850 0.90863 0.95202
18 38.000 224.850 0.98912 0.98667
19 39.000 225.850 0.99606 0.99706
20 40.000 226.850 1.00000 0.99949

```

```

#SCAN: 5 5-1_m_27_0.5.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 166.850 0.0 5.00083E-5
1 40.000 186.850 0.0 2.87390E-4
2 60.000 196.850 0.0 1.52752E-3
3 64.000 198.850 0.0 2.21320E-3
4 68.000 200.850 0.0 3.26578E-3
5 72.000 202.850 0.0 4.94205E-3
6 76.000 204.850 0.0 7.75137E-3
7 80.000 206.850 0.0 1.28002E-2
8 84.000 208.850 0.0 2.27667E-2

```

```

#SCAN: 3 5-1_m_24_1.0.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 196.850 0.0 5.00083E-5
1 4.000 200.850 0.0 7.12114E-4
2 8.000 204.850 0.0 2.17883E-3
3 10.000 206.850 0.0 3.56954E-3
4 12.000 208.850 0.0 5.86227E-3
5 13.000 209.850 0.0 7.57821E-3
6 14.000 210.850 0.0 9.89496E-3
7 15.000 211.850 0.0 1.30952E-2
8 16.000 212.850 0.0 1.76332E-2
9 17.000 213.850 4.83996E-3 2.42618E-2
10 18.000 214.850 1.40917E-2 3.42683E-2
11 19.000 215.850 3.07360E-2 4.99186E-2
12 20.000 216.850 6.65635E-2 7.52817E-2
13 21.000 217.850 0.14969 0.11765
14 22.000 218.850 0.26121 0.18933
15 23.000 219.850 0.48711 0.30722
16 24.000 220.850 0.71541 0.48106
17 25.000 221.850 0.88074 0.68459
18 26.000 222.850 0.94253 0.85301
19 28.000 224.850 0.99807 0.98542
20 30.000 226.850 1.00000 0.99945

```

```

#SCAN: 6 5-1_m_28_0.5.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 196.850 0.0 5.00083E-5
1 6.000 199.850 0.0 9.77117E-4
2 10.000 201.850 0.0 2.03920E-3
3 14.000 203.850 0.0 3.77199E-3
4 18.000 205.850 0.0 6.77472E-3
5 22.000 207.850 0.0 1.24238E-2
6 26.000 209.850 0.0 2.42821E-2
7 28.000 210.850 0.0 3.52546E-2
8 30.000 211.850 1.22913E-2 5.28803E-2

```

9	42.222	214.850	0.0	4.94192E-2
10	44.444	216.850	1.50339E-2	0.11252
11	45.556	217.850	2.68520E-2	0.17828
12	46.667	218.850	5.86252E-2	0.28630
13	47.778	219.850	0.24443	0.44854
14	48.889	220.850	0.52665	0.64773
15	50.000	221.850	0.84721	0.82524
16	51.111	222.850	0.96834	0.93364
17	52.222	223.850	0.99514	0.98031
18	53.333	224.850	0.99901	0.99537
19	54.444	225.850	1.00000	0.99914
20	55.556	226.850	1.00000	0.99988

#SCAN: 7 5-1_m_15_0.4.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	166.850	0.0	5.00083E-5
1	25.000	176.850	0.0	9.23412E-5
2	50.000	186.850	0.0	3.48182E-4
3	75.000	196.850	0.0	1.95025E-3
4	87.500	201.850	0.0	5.34132E-3
5	95.000	204.850	0.0	1.08740E-2
6	100.000	206.850	0.0	1.89092E-2
7	105.000	208.850	0.0	3.61920E-2
8	110.000	210.850	1.04049E-2	7.88773E-2
9	115.000	212.850	3.33066E-2	0.19776
10	120.000	214.850	6.88567E-2	0.49876
11	122.500	215.850	0.12491	0.70291
12	125.000	216.850	0.25075	0.86603
13	127.500	217.850	0.54436	0.95407
14	130.000	218.850	0.82519	0.98774
15	132.500	219.850	0.95321	0.99743
16	135.000	220.850	0.99059	0.99959
17	137.500	221.850	1.00000	0.99995
18	145.000	224.850	1.00000	1.00000
19	147.500	225.850	1.00000	1.00000
20	150.000	226.850	1.00000	1.00000

#SCAN:10 5-1_m_25_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	8.000	198.850	0.0	1.20210E-3
2	16.000	200.850	0.0	3.16651E-3
3	24.000	202.850	0.0	6.78147E-3
4	28.000	203.850	0.0	9.77041E-3
5	32.000	204.850	0.0	1.41614E-2
6	36.000	205.850	4.55427E-3	2.08470E-2
7	40.000	206.850	1.75359E-2	3.14399E-2
8	44.000	207.850	2.77572E-2	4.89561E-2
9	48.000	208.850	5.48792E-2	7.91594E-2
10	52.000	209.850	0.15673	0.13293
11	56.000	210.850	0.29851	0.22880
12	60.000	211.850	0.58224	0.38807
13	64.000	212.850	0.84730	0.60437
14	68.000	213.850	0.95446	0.80914
15	72.000	214.850	0.98950	0.93285
16	76.000	215.850	0.99617	0.98222
17	80.000	216.850	1.00000	0.99638
18	84.000	217.850	1.00000	0.99944
19	92.000	219.850	1.00000	0.99999
20	100.000	221.850	1.00000	1.00000
21	112.000	224.850	1.00000	1.00000

#Project:5-1_model_experimental

#Meas. type:ALPHA

#Model Step 1: n-dim. Avrami-Erofeev

#STATISTICS

#Least Squares: 537.74614

#Mean of residues: 1.50950

#Max.No of cycles: 50

#Number of cycles: 14

#Correlation coefficient: 0.932421

#Rel.precision:0.001000

#t-critical(0.95;109): 1.973

9	88.000	210.850	2.11348E-2	4.49739E-2
10	90.000	211.850	4.34024E-2	6.64462E-2
11	92.000	212.850	7.15806E-2	0.10185
12	94.000	213.850	0.12759	0.16150
13	96.000	214.850	0.30808	0.26105
14	98.000	215.850	0.53619	0.41531
15	100.000	216.850	0.75348	0.61428
16	102.000	217.850	0.91870	0.80233
17	104.000	218.850	0.99763	0.92317
18	108.000	220.850	0.99957	0.99455
19	112.000	222.850	1.00000	0.99986
20	114.000	223.850	1.00000	0.99999

#SCAN: 8 5-1_m_16_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	201.850	0.0	5.00083E-5
1	8.000	203.850	0.0	2.93925E-3
2	12.000	204.850	0.0	5.44290E-3
3	16.000	205.850	0.0	9.27347E-3
4	20.000	206.850	3.03933E-3	1.53893E-2
5	24.000	207.850	8.78302E-3	2.56294E-2
6	28.000	208.850	1.58977E-2	4.36679E-2
7	32.000	209.850	2.70977E-2	7.70349E-2
8	36.000	210.850	5.05363E-2	0.14085
9	40.000	211.850	0.11752	0.26111
10	44.000	212.850	0.25961	0.46088
11	48.000	213.850	0.50589	0.70388
12	52.000	214.850	0.80782	0.88630
13	56.000	215.850	0.96041	0.96876
14	60.000	216.850	0.99427	0.99357
15	64.000	217.850	0.99801	0.99900
16	68.000	218.850	0.99901	0.99989
17	72.000	219.850	1.00000	0.99999
18	76.000	220.850	1.00000	1.00000
19	80.000	221.850	1.00000	1.00000
20	84.000	222.850	1.00000	1.00000
21	88.000	223.850	1.00000	1.00000
22	92.000	224.850	1.00000	1.00000

#SCAN:11 5-1_m_26_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	186.850	0.0	5.00083E-5
1	32.000	194.850	0.0	1.64783E-3
2	40.000	196.850	0.0	2.67206E-3
3	48.000	198.850	0.0	4.32331E-3
4	56.000	200.850	0.0	7.13498E-3
5	64.000	202.850	0.0	1.22964E-2
6	68.000	203.850	0.0	1.65519E-2
7	72.000	204.850	7.35825E-3	2.27833E-2
8	76.000	205.850	1.75491E-2	3.22254E-2
9	80.000	206.850	2.77810E-2	4.70744E-2
10	84.000	207.850	5.77645E-2	7.13325E-2
11	88.000	208.850	0.14853	0.11232
12	92.000	209.850	0.31459	0.18275
13	96.000	210.850	0.54364	0.30083
14	100.000	211.850	0.75377	0.47829
15	104.000	212.850	0.94343	0.68796
16	108.000	213.850	0.98280	0.85943
17	112.000	214.850	0.98950	0.95245
18	116.000	215.850	0.99904	0.98760
19	120.000	216.850	1.00000	0.99749
20	124.000	217.850	1.00000	0.99961
21	148.000	223.850	1.00000	1.00000

9	32.000	212.850	2.90707E-2	8.22785E-2
10	34.000	213.850	6.22084E-2	0.13277
11	36.000	214.850	0.11478	0.21983
12	38.000	215.850	0.26424	0.36214
13	40.000	216.850	0.46647	0.56032
14	42.000	217.850	0.69939	0.76470
15	44.000	218.850	0.83598	0.90586
16	46.000	219.850	0.93113	0.97135
17	48.000	220.850	0.98609	0.99320
18	50.000	221.850	0.99610	0.99874
19	54.000	223.850	0.99806	0.99998
20	58.000	225.850	1.00000	1.00000
21	60.000	226.850	1.00000	1.00000

#SCAN: 9 5-1_m_20_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	200.850	0.0	5.00083E-5
1	4.000	201.850	0.0	1.05047E-3
2	8.000	202.850	0.0	2.43820E-3
3	12.000	203.850	0.0	4.41730E-3
4	16.000	204.850	0.0	7.33217E-3
5	20.000	205.850	0.0	1.17871E-2
6	24.000	206.850	0.0	1.88883E-2
7	28.000	207.850	8.86649E-3	3.07455E-2
8	32.000	208.850	1.77692E-2	5.15350E-2
9	36.000	209.850	3.80635E-2	8.96645E-2
10	40.000	210.850	0.13526	0.16143
11	44.000	211.850	0.36828	0.29269
12	48.000	212.850	0.74082	0.49991
13	52.000	213.850	0.93453	0.73529
14	56.000	214.850	0.98846	0.90106
15	60.000	215.850	0.99374	0.97314
16	64.000	216.850	0.99759	0.99449
17	68.000	217.850	1.00000	0.99914
18	72.000	218.850	1.00000	0.99990
19	76.000	219.850	1.00000	0.99999
20	80.000	220.850	1.00000	1.00000

#Durbin-Watson Value: 0.328

#Durbin-Watson Factor: 1.821

#SCAN: 1 5-1_m_17_2.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	66.850	0.0	5.00083E-5
1	10.000	86.850	0.0	5.00083E-5
2	20.000	106.850	0.0	5.00083E-5
3	30.000	126.850	0.0	5.00083E-5
4	40.000	146.850	0.0	5.00103E-5
5	50.000	166.850	0.0	5.01191E-5
6	55.000	176.850	0.0	5.07344E-5
7	60.000	186.850	0.0	5.44964E-5
8	65.000	196.850	0.0	7.89010E-5
9	70.000	206.850	0.0	3.42049E-4
10	71.000	208.850	0.0	5.80208E-4
11	72.000	210.850	0.0	1.07600E-3
12	73.000	212.850	0.0	2.17321E-3
13	74.000	214.850	0.0	4.74139E-3
14	75.000	216.850	0.0	1.10455E-2
15	76.000	218.850	1.75283E-2	2.70730E-2
16	77.000	220.850	4.87365E-2	6.84302E-2
17	78.000	222.850	0.19051	0.17247
18	79.000	224.850	0.84932	0.40436
19	80.000	226.850	1.00000	0.76356
20	81.000	228.850	1.00000	0.98271

#SCAN: 4 5-1_m_12_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	176.850	0.0	5.00083E-5
1	11.111	186.850	0.0	5.85513E-5
2	22.222	196.850	0.0	1.25636E-4
3	27.778	201.850	0.0	3.26960E-4
4	31.111	204.850	0.0	7.58767E-4
5	33.333	206.850	0.0	1.49194E-3
6	35.556	208.850	0.0	3.19392E-3
7	37.778	210.850	0.0	7.36509E-3
8	40.000	212.850	0.0	1.80385E-2
9	42.222	214.850	0.0	4.60758E-2
10	44.444	216.850	1.50339E-2	0.11938
11	45.556	217.850	2.68520E-2	0.19030
12	46.667	218.850	5.86252E-2	0.29718
13	47.778	219.850	0.24443	0.44684
14	48.889	220.850	0.52665	0.63148
15	50.000	221.850	0.84721	0.81522
16	51.111	222.850	0.96834	0.94294
17	52.222	223.850	0.99514	0.99230
18	53.333	224.850	0.99901	0.99975
19	54.444	225.850	1.00000	1.00000
20	55.556	226.850	1.00000	1.00000

#SCAN: 7 5-1_m_15_0.4.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	166.850	0.0	5.00083E-5
1	25.000	176.850	0.0	5.31352E-5
2	50.000	186.850	0.0	7.46829E-5
3	75.000	196.850	0.0	3.20514E-4
4	87.500	201.850	0.0	1.48814E-3
5	95.000	204.850	0.0	4.90363E-3
6	100.000	206.850	0.0	1.18937E-2
7	105.000	208.850	0.0	3.04366E-2
8	110.000	210.850	1.04049E-2	8.02450E-2
9	115.000	212.850	3.33066E-2	0.20893
10	120.000	214.850	6.88567E-2	0.48988
11	122.500	215.850	0.12491	0.68285
12	125.000	216.850	0.25075	0.85993
13	127.500	217.850	0.54436	0.96572
14	130.000	218.850	0.82519	0.99697
15	132.500	219.850	0.95321	0.99995
16	135.000	220.850	0.99059	1.00000
17	137.500	221.850	1.00000	1.00000
18	145.000	224.850	1.00000	1.00000
19	147.500	225.850	1.00000	1.00000
20	150.000	226.850	1.00000	1.00000

#SCAN: 2 5-1_m_23_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	186.850	0.0	5.00083E-5
1	10.000	196.850	0.0	1.02887E-4
2	14.000	200.850	0.0	2.05008E-4
3	18.000	204.850	0.0	5.78485E-4
4	20.000	206.850	0.0	1.11580E-3
5	22.000	208.850	0.0	2.34662E-3
6	24.000	210.850	0.0	5.32851E-3
7	26.000	212.850	0.0	1.28938E-2
8	28.000	214.850	1.26664E-2	3.27066E-2
9	29.000	215.850	1.90453E-2	5.26643E-2
10	30.000	216.850	3.13677E-2	8.49838E-2
11	31.000	217.850	6.45032E-2	0.13664
12	32.000	218.850	0.13641	0.21700
13	33.000	219.850	0.28753	0.33604
14	34.000	220.850	0.44076	0.49777
15	35.000	221.850	0.60357	0.68724
16	36.000	222.850	0.76404	0.86018
17	37.000	223.850	0.90863	0.96447
18	38.000	224.850	0.98912	0.99655
19	39.000	225.850	0.99606	0.99994
20	40.000	226.850	1.00000	1.00000

#SCAN: 5 5-1_m_27_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	166.850	0.0	5.00083E-5
1	40.000	186.850	0.0	6.91623E-5
2	60.000	196.850	0.0	2.36492E-4
3	64.000	198.850	0.0	3.80354E-4
4	68.000	200.850	0.0	6.72992E-4
5	72.000	202.850	0.0	1.30964E-3
6	76.000	204.850	0.0	2.78705E-3
7	80.000	206.850	0.0	6.41927E-3
8	84.000	208.850	0.0	1.57784E-2
9	88.000	210.850	2.11348E-2	4.06415E-2
10	90.000	211.850	4.34024E-2	6.58662E-2
11	92.000	212.850	7.15806E-2	0.10677
12	94.000	213.850	0.12759	0.17187
13	96.000	214.850	0.30808	0.27171
14	98.000	215.850	0.53619	0.41487
15	100.000	216.850	0.75348	0.59746
16	102.000	217.850	0.91870	0.78789
17	104.000	218.850	0.99763	0.92934
18	108.000	220.850	0.99957	0.99958
19	112.000	222.850	1.00000	1.00000
20	114.000	223.850	1.00000	1.00000

#SCAN: 8 5-1_m_16_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	201.850	0.0	5.00083E-5
1	8.000	203.850	0.0	5.77066E-4
2	12.000	204.850	0.0	1.54741E-3
3	16.000	205.850	0.0	3.78720E-3
4	20.000	206.850	3.03933E-3	8.66878E-3
5	24.000	207.850	8.78302E-3	1.88373E-2
6	28.000	208.850	1.58977E-2	3.91941E-2
7	32.000	209.850	2.70977E-2	7.83263E-2
8	36.000	210.850	5.05363E-2	0.14989
9	40.000	211.850	0.11752	0.27161
10	44.000	212.850	0.25961	0.45575
11	48.000	213.850	0.50589	0.68387
12	52.000	214.850	0.80782	0.88401
13	56.000	215.850	0.96041	0.98149
14	60.000	216.850	0.99427	0.99934
15	64.000	217.850	0.99801	1.00000
16	68.000	218.850	0.99901	1.00000
17	72.000	219.850	1.00000	1.00000
18	76.000	220.850	1.00000	1.00000
19	80.000	221.850	1.00000	1.00000
20	84.000	222.850	1.00000	1.00000
21	88.000	223.850	1.00000	1.00000
22	92.000	224.850	1.00000	1.00000

#SCAN: 3 5-1_m_24_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	4.000	200.850	0.0	1.13889E-4
2	8.000	204.850	0.0	3.74612E-4
3	10.000	206.850	0.0	7.78600E-4
4	12.000	208.850	0.0	1.75384E-3
5	13.000	209.850	0.0	2.70293E-3
6	14.000	210.850	0.0	4.23044E-3
7	15.000	211.850	0.0	6.71214E-3
8	16.000	212.850	0.0	1.07754E-2
9	17.000	213.850	4.83996E-3	1.74668E-2
10	18.000	214.850	1.40917E-2	2.85214E-2
11	19.000	215.850	3.07360E-2	4.67793E-2
12	20.000	216.850	6.65635E-2	7.67711E-2
13	21.000	217.850	0.14969	0.12538
14	22.000	218.850	0.26121	0.20209
15	23.000	219.850	0.48711	0.31749
16	24.000	220.850	0.71541	0.47707
17	25.000	221.850	0.88074	0.66814
18	26.000	222.850	0.94253	0.84743
19	28.000	224.850	0.99807	0.99584
20	30.000	226.850	1.00000	1.00000

#SCAN: 6 5-1_m_28_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	6.000	199.850	0.0	1.48432E-4
2	10.000	201.850	0.0	3.42015E-4
3	14.000	203.850	0.0	8.47998E-4
4	18.000	205.850	0.0	2.23082E-3
5	22.000	207.850	0.0	6.13843E-3
6	26.000	209.850	0.0	1.74135E-2
7	28.000	210.850	0.0	2.95135E-2
8	30.000	211.850	1.22913E-2	5.00450E-2
9	32.000	212.850	2.90707E-2	8.45463E-2
10	34.000	213.850	6.22084E-2	0.14141
11	36.000	214.850	0.11478	0.23185
12	38.000	215.850	0.26424	0.36691
13	40.000	216.850	0.46647	0.54762
14	42.000	217.850	0.69939	0.74776
15	44.000	218.850	0.83598	0.90859
16	46.000	219.850	0.93113	0.98432
17	48.000	220.850	0.98609	0.99926
18	50.000	221.850	0.99610	1.00000
19	54.000	223.850	0.99806	1.00000
20	58.000	225.850	1.00000	1.00000
21	60.000	226.850	1.00000	1.00000

#SCAN: 9 5-1_m_20_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	200.850	0.0	5.00083E-5
1	4.000	201.850	0.0	1.59157E-4
2	8.000	202.850	0.0	4.38448E-4
3	12.000	203.850	0.0	1.09526E-3
4	16.000	204.850	0.0	2.55023E-3
5	20.000	205.850	0.0	5.63160E-3
6	24.000	206.850	0.0	1.19278E-2
7	28.000	207.850	8.86649E-3	2.44005E-2
8	32.000	208.850	1.77692E-2	4.83724E-2
9	36.000	209.850	3.80635E-2	9.28744E-2
10	40.000	210.850	0.13526	0.17169
11	44.000	211.850	0.36828	0.30150
12	48.000	212.850	0.74082	0.49096
13	52.000	213.850	0.93453	0.71561
14	56.000	214.850	0.98846	0.90177
15	60.000	215.850	0.99374	0.98571
16	64.000	216.850	0.99759	0.99956
17	68.000	217.850	1.00000	1.00000
18	72.000	218.850	1.00000	1.00000
19	76.000	219.850	1.00000	1.00000
20	80.000	220.850	1.00000	1.00000

#SCAN:10 5-1_m_25_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	8.000	198.850	0.0	1.81948E-4
2	16.000	200.850	0.0	6.44098E-4
3	24.000	202.850	0.0	2.22957E-3
4	28.000	203.850	0.0	4.11694E-3
5	32.000	204.850	0.0	7.56434E-3
6	36.000	205.850	4.55427E-3	1.38247E-2
7	40.000	206.850	1.75359E-2	2.51095E-2
8	44.000	207.850	2.77572E-2	4.52386E-2
9	48.000	208.850	5.48792E-2	8.05681E-2
10	52.000	209.850	0.15673	0.14096
11	56.000	210.850	0.29851	0.23967
12	60.000	211.850	0.58224	0.38904
13	64.000	212.850	0.84730	0.58668
14	68.000	213.850	0.95446	0.79403
15	72.000	214.850	0.98950	0.94028
16	76.000	215.850	0.99617	0.99335
17	80.000	216.850	1.00000	0.99986
18	84.000	217.850	1.00000	1.00000
19	92.000	219.850	1.00000	1.00000
20	100.000	221.850	1.00000	1.00000
21	112.000	224.850	1.00000	1.00000

#Project:5-1_model_experimental

#Meas. type:ALPHA

#Model Step 1: 3-dim. Avrami-Erofeev

#STATISTICS

#Least Squares: 553.26663

#Mean of residues: 1.53113

#Max.No of cycles: 50

#Number of cycles: 8

#Correlation coefficient: 0.930280

#Rel.precision:0.001000

#t-critical(0.95;110): 1.973

#Durbin-Watson Value: 0.333

#Durbin-Watson Factor: 1.810

#SCAN: 1 5-1_m_17_2.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	66.850	0.0	5.00083E-5
1	10.000	86.850	0.0	5.00083E-5
2	20.000	106.850	0.0	5.00083E-5
3	30.000	126.850	0.0	5.00083E-5
4	40.000	146.850	0.0	5.00105E-5
5	50.000	166.850	0.0	5.01420E-5
6	55.000	176.850	0.0	5.09309E-5
7	60.000	186.850	0.0	5.60287E-5
8	65.000	196.850	0.0	9.21080E-5
9	70.000	206.850	0.0	5.52726E-4
10	71.000	208.850	0.0	9.92863E-4
11	72.000	210.850	0.0	1.91285E-3
12	73.000	212.850	0.0	3.91465E-3
13	74.000	214.850	0.0	8.41330E-3
14	75.000	216.850	0.0	1.87546E-2
15	76.000	218.850	1.75283E-2	4.27639E-2
16	77.000	220.850	4.87365E-2	9.79355E-2
17	78.000	222.850	0.19051	0.21856
18	79.000	224.850	0.84932	0.44873
19	80.000	226.850	1.00000	0.76433
20	81.000	228.850	1.00000	0.97023

#SCAN: 4 5-1_m_12_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	176.850	0.0	5.00083E-5
1	11.111	186.850	0.0	6.16473E-5
2	22.222	196.850	0.0	1.64819E-4
3	27.778	201.850	0.0	5.08622E-4
4	31.111	204.850	0.0	1.27237E-3
5	33.333	206.850	0.0	2.55990E-3
6	35.556	208.850	0.0	5.45501E-3
7	37.778	210.850	0.0	1.21576E-2
8	40.000	212.850	0.0	2.79533E-2
9	42.222	214.850	0.0	6.52305E-2
10	44.444	216.850	1.50339E-2	0.15078

#SCAN:11 5-1_m_26_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	186.850	0.0	5.00083E-5
1	32.000	194.850	0.0	2.59073E-4
2	40.000	196.850	0.0	4.97014E-4
3	48.000	198.850	0.0	1.04969E-3
4	56.000	200.850	0.0	2.41769E-3
5	64.000	202.850	0.0	5.99267E-3
6	68.000	203.850	0.0	9.65086E-3
7	72.000	204.850	7.35825E-3	1.57324E-2
8	76.000	205.850	1.75491E-2	2.58942E-2
9	80.000	206.850	2.77810E-2	4.28997E-2
10	84.000	207.850	5.77645E-2	7.12531E-2
11	88.000	208.850	0.14853	0.11797
12	92.000	209.850	0.31459	0.19304
13	96.000	210.850	0.54364	0.30808
14	100.000	211.850	0.75377	0.47005
15	104.000	212.850	0.94343	0.66653
16	108.000	213.850	0.98280	0.85104
17	112.000	214.850	0.98950	0.96338
18	116.000	215.850	0.99904	0.99682
19	120.000	216.850	1.00000	0.99995
20	124.000	217.850	1.00000	1.00000
21	148.000	223.850	1.00000	1.00000

#SCAN: 2 5-1_m_23_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	186.850	0.0	5.00083E-5
1	10.000	196.850	0.0	1.29819E-4
2	14.000	200.850	0.0	3.01105E-4
3	18.000	204.850	0.0	9.64971E-4
4	20.000	206.850	0.0	1.92598E-3
5	22.000	208.850	0.0	4.07728E-3
6	24.000	210.850	0.0	9.04340E-3
7	26.000	212.850	0.0	2.07427E-2
8	28.000	214.850	1.26664E-2	4.84812E-2
9	29.000	215.850	1.90453E-2	7.42044E-2
10	30.000	216.850	3.13677E-2	0.11315
11	31.000	217.850	6.45032E-2	0.17106
12	32.000	218.850	0.13641	0.25458
13	33.000	219.850	0.28753	0.36933
14	34.000	220.850	0.44076	0.51530
15	35.000	221.850	0.60357	0.67979
16	36.000	222.850	0.76404	0.83330
17	37.000	223.850	0.90863	0.94033
18	38.000	224.850	0.98912	0.98815
19	39.000	225.850	0.99606	0.99907
20	40.000	226.850	1.00000	0.99998

#SCAN: 5 5-1_m_27_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	166.850	0.0	5.00083E-5
1	40.000	186.850	0.0	7.62373E-5
2	60.000	196.850	0.0	3.42778E-4
3	64.000	198.850	0.0	5.85497E-4
4	68.000	200.850	0.0	1.08500E-3
5	72.000	202.850	0.0	2.16429E-3
6	76.000	204.850	0.0	4.59570E-3
7	80.000	206.850	0.0	1.02551E-2
8	84.000	208.850	0.0	2.37136E-2
9	88.000	210.850	2.11348E-2	5.59037E-2
10	90.000	211.850	4.34024E-2	8.58791E-2

#SCAN: 3 5-1_m_24_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	4.000	200.850	0.0	1.50862E-4
2	8.000	204.850	0.0	6.14836E-4
3	10.000	206.850	0.0	1.35438E-3
4	12.000	208.850	0.0	3.11188E-3
5	13.000	209.850	0.0	4.77473E-3
6	14.000	210.850	0.0	7.37215E-3
7	15.000	211.850	0.0	1.14384E-2
8	16.000	212.850	0.0	1.78094E-2
9	17.000	213.850	4.83996E-3	2.77821E-2
10	18.000	214.850	1.40917E-2	4.33425E-2
11	19.000	215.850	3.07360E-2	6.74628E-2
12	20.000	216.850	6.65635E-2	0.10443
13	21.000	217.850	0.14969	0.16002
14	22.000	218.850	0.26121	0.24111
15	23.000	219.850	0.48711	0.35385
16	24.000	220.850	0.71541	0.49910
17	25.000	221.850	0.88074	0.66521
18	26.000	222.850	0.94253	0.82293
19	28.000	224.850	0.99807	0.98676
20	30.000	226.850	1.00000	0.99998

#SCAN: 6 5-1_m_28_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	6.000	199.850	0.0	2.08304E-4
2	10.000	201.850	0.0	5.48077E-4
3	14.000	203.850	0.0	1.45087E-3
4	18.000	205.850	0.0	3.84682E-3
5	22.000	207.850	0.0	1.01732E-2
6	26.000	209.850	0.0	2.66929E-2
7	28.000	210.850	0.0	4.29931E-2
8	30.000	211.850	1.22913E-2	6.88106E-2
9	32.000	212.850	2.90707E-2	0.10909
10	34.000	213.850	6.22084E-2	0.17047

11	45.556	217.850	2.68520E-2	0.22556
12	46.667	218.850	5.86252E-2	0.33015
13	47.778	219.850	0.24443	0.46697
14	48.889	220.850	0.52665	0.62811
15	50.000	221.850	0.84721	0.78909
16	51.111	222.850	0.96834	0.91368
17	52.222	223.850	0.99514	0.97885
18	53.333	224.850	0.99901	0.99769
19	54.444	225.850	1.00000	0.99993
20	55.556	226.850	1.00000	1.00000

#SCAN: 7 5-1_m_15_0.4.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	166.850	0.0	5.00083E-5
1	25.000	176.850	0.0	5.40284E-5
2	50.000	186.850	0.0	8.39832E-5
3	75.000	196.850	0.0	4.79504E-4
4	87.500	201.850	0.0	2.43178E-3
5	95.000	204.850	0.0	7.82312E-3
6	100.000	206.850	0.0	1.79933E-2
7	105.000	208.850	0.0	4.24462E-2
8	110.000	210.850	1.04049E-2	0.10062
9	115.000	212.850	3.33066E-2	0.23154
10	120.000	214.850	6.88567E-2	0.48334
11	122.500	215.850	0.12491	0.64935
12	125.000	216.850	0.25075	0.81069
13	127.500	217.850	0.54436	0.92895
14	130.000	218.850	0.82519	0.98503
15	132.500	219.850	0.95321	0.99874
16	135.000	220.850	0.99059	0.99998
17	137.500	221.850	1.00000	1.00000
18	145.000	224.850	1.00000	1.00000
19	147.500	225.850	1.00000	1.00000
20	150.000	226.850	1.00000	1.00000

#SCAN:10 5-1_m_25_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	8.000	198.850	0.0	2.64543E-4
2	16.000	200.850	0.0	1.07366E-3
3	24.000	202.850	0.0	3.76468E-3
4	28.000	203.850	0.0	6.79562E-3
5	32.000	204.850	0.0	1.20365E-2
6	36.000	205.850	4.55427E-3	2.09697E-2
7	40.000	206.850	1.75359E-2	3.59754E-2
8	44.000	207.850	2.77572E-2	6.07675E-2
9	48.000	208.850	5.48792E-2	0.10088
10	52.000	209.850	0.15673	0.16389
11	56.000	210.850	0.29851	0.25868
12	60.000	211.850	0.58224	0.39204
13	64.000	212.850	0.84730	0.56095
14	68.000	213.850	0.95446	0.74211
15	72.000	214.850	0.98950	0.89161
16	76.000	215.850	0.99617	0.97347
17	80.000	216.850	1.00000	0.99728
18	84.000	217.850	1.00000	0.99993
19	92.000	219.850	1.00000	1.00000
20	100.000	221.850	1.00000	1.00000
21	112.000	224.850	1.00000	1.00000

#Project:5-1_model_experimental

#Meas. type:ALPHA

#Model Step 1: 2-dim. Avrami-Erofeev

#STATISTICS

#Least Squares: 703.09272

#Mean of residues: 1.72604

#Max.No of cycles: 50

#Number of cycles: 8

#Correlation coefficient: 0.910096

#Rel.precision:0.001000

#t-critical(0.95;110): 1.973

#Durbin-Watson Value: 0.339

#Durbin-Watson Factor: 1.796

11	92.000	212.850	7.15806E-2	0.13128
12	94.000	213.850	0.12759	0.19854
13	96.000	214.850	0.30808	0.29457
14	98.000	215.850	0.53619	0.42379
15	100.000	216.850	0.75348	0.58196
16	102.000	217.850	0.91870	0.74872
17	104.000	218.850	0.99763	0.88791
18	108.000	220.850	0.99957	0.99590
19	112.000	222.850	1.00000	1.00000
20	114.000	223.850	1.00000	1.00000

#SCAN: 8 5-1_m_16_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	201.850	0.0	5.00083E-5
1	8.000	203.850	0.0	9.88313E-4
2	12.000	204.850	0.0	2.71889E-3
3	16.000	205.850	0.0	6.48987E-3
4	20.000	206.850	3.03933E-3	1.40951E-2
5	24.000	207.850	8.78302E-3	2.85897E-2
6	28.000	208.850	1.58977E-2	5.49480E-2
7	32.000	209.850	2.70977E-2	0.10076
8	36.000	210.850	5.05363E-2	0.17637
9	40.000	211.850	0.11752	0.29293
10	44.000	212.850	0.25961	0.45558
11	48.000	213.850	0.50589	0.65032
12	52.000	214.850	0.80782	0.83358
13	56.000	215.850	0.96041	0.95160
14	60.000	216.850	0.99427	0.99371
15	64.000	217.850	0.99801	0.99978
16	68.000	218.850	0.99901	1.00000
17	72.000	219.850	1.00000	1.00000
18	76.000	220.850	1.00000	1.00000
19	80.000	221.850	1.00000	1.00000
20	84.000	222.850	1.00000	1.00000
21	88.000	223.850	1.00000	1.00000
22	92.000	224.850	1.00000	1.00000

#SCAN:11 5-1_m_26_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	186.850	0.0	5.00083E-5
1	32.000	194.850	0.0	3.80860E-4
2	40.000	196.850	0.0	7.78748E-4
3	48.000	198.850	0.0	1.69944E-3
4	56.000	200.850	0.0	3.90584E-3
5	64.000	202.850	0.0	9.32787E-3
6	68.000	203.850	0.0	1.45629E-2
7	72.000	204.850	7.35825E-3	2.28378E-2
8	76.000	205.850	1.75491E-2	3.59026E-2
9	80.000	206.850	2.77810E-2	5.64420E-2
10	84.000	207.850	5.77645E-2	8.84491E-2
11	88.000	208.850	0.14853	0.13755
12	92.000	209.850	0.31459	0.21091
13	96.000	210.850	0.54364	0.31591
14	100.000	211.850	0.75377	0.45610
15	104.000	212.850	0.94343	0.62365
16	108.000	213.850	0.98280	0.79158
17	112.000	214.850	0.98950	0.91921
18	116.000	215.850	0.99904	0.98231
19	120.000	216.850	1.00000	0.99844
20	124.000	217.850	1.00000	0.99997
21	148.000	223.850	1.00000	1.00000

11	36.000	214.850	0.11478	0.26062
12	38.000	215.850	0.26424	0.38559
13	40.000	216.850	0.46647	0.54366
14	42.000	217.850	0.69939	0.71677
15	44.000	218.850	0.83598	0.86802
16	46.000	219.850	0.93113	0.96105
17	48.000	220.850	0.98609	0.99444
18	50.000	221.850	0.99610	0.99975
19	54.000	223.850	0.99806	1.00000
20	58.000	225.850	1.00000	1.00000
21	60.000	226.850	1.00000	1.00000

#SCAN: 9 5-1_m_20_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	200.850	0.0	5.00083E-5
1	4.000	201.850	0.0	2.30008E-4
2	8.000	202.850	0.0	7.30881E-4
3	12.000	203.850	0.0	1.90733E-3
4	16.000	204.850	0.0	4.40640E-3
5	20.000	205.850	0.0	9.37117E-3
6	24.000	206.850	0.0	1.87620E-2
7	28.000	207.850	8.86649E-3	3.58320E-2
8	32.000	208.850	1.77692E-2	6.57489E-2
9	36.000	209.850	3.80635E-2	0.11618
10	40.000	210.850	0.13526	0.19720
11	44.000	211.850	0.36828	0.31891
12	48.000	212.850	0.74082	0.48427
13	52.000	213.850	0.93453	0.67642
14	56.000	214.850	0.98846	0.85097
15	60.000	215.850	0.99374	0.95859
16	64.000	216.850	0.99759	0.99495
17	68.000	217.850	1.00000	0.99984
18	72.000	218.850	1.00000	1.00000
19	76.000	219.850	1.00000	1.00000
20	80.000	220.850	1.00000	1.00000

#SCAN: 1 5-1_m_17_2.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	66.850	0.0	5.00083E-5
1	10.000	86.850	0.0	5.00083E-5
2	20.000	106.850	0.0	5.00083E-5
3	30.000	126.850	0.0	5.00083E-5
4	40.000	146.850	0.0	5.00104E-5
5	50.000	166.850	0.0	5.02022E-5
6	55.000	176.850	0.0	5.16203E-5
7	60.000	186.850	0.0	6.27932E-5
8	65.000	196.850	0.0	1.68369E-4
9	70.000	206.850	0.0	2.00755E-3
10	71.000	208.850	0.0	3.74993E-3
11	72.000	210.850	0.0	7.15032E-3
12	73.000	212.850	0.0	1.38083E-2
13	74.000	214.850	0.0	2.68160E-2
14	75.000	216.850	0.0	5.19938E-2
15	76.000	218.850	1.75283E-2	9.97436E-2
16	77.000	220.850	4.87365E-2	0.18676
17	78.000	222.850	0.19051	0.33368
18	79.000	224.850	0.84932	0.54846
19	80.000	226.850	1.00000	0.78811
20	81.000	228.850	1.00000	0.95101

#SCAN: 4 5-1_m_12_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	176.850	0.0	5.00083E-5
1	11.111	186.850	0.0	7.59506E-5
2	22.222	196.850	0.0	3.97591E-4
3	27.778	201.850	0.0	1.62455E-3
4	31.111	204.850	0.0	4.22487E-3
5	33.333	206.850	0.0	8.19662E-3
6	35.556	208.850	0.0	1.60778E-2
7	37.778	210.850	0.0	3.16548E-2
8	40.000	212.850	0.0	6.20709E-2
9	42.222	214.850	0.0	0.11996
10	44.444	216.850	1.50339E-2	0.22479
11	45.556	217.850	2.68520E-2	0.30171
12	46.667	218.850	5.86252E-2	0.39719
13	47.778	219.850	0.24443	0.50974
14	48.889	220.850	0.52665	0.63321
15	50.000	221.850	0.84721	0.75582
16	51.111	222.850	0.96834	0.86190
17	52.222	223.850	0.99514	0.93778
18	53.333	224.850	0.99901	0.97958
19	54.444	225.850	1.00000	0.99569
20	55.556	226.850	1.00000	0.99951

#SCAN: 7 5-1_m_15_0.4.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	166.850	0.0	5.00083E-5
1	25.000	176.850	0.0	5.72828E-5
2	50.000	186.850	0.0	1.26921E-4
3	75.000	196.850	0.0	1.33330E-3
4	87.500	201.850	0.0	6.76394E-3
5	95.000	204.850	0.0	1.88803E-2
6	100.000	206.850	0.0	3.76051E-2
7	105.000	208.850	0.0	7.44304E-2
8	110.000	210.850	1.04049E-2	0.14460
9	115.000	212.850	3.33066E-2	0.27019
10	120.000	214.850	6.88567E-2	0.46932
11	122.500	215.850	0.12491	0.59242
12	125.000	216.850	0.25075	0.71920
13	127.500	217.850	0.54436	0.83397
14	130.000	218.850	0.82519	0.92080
15	132.500	219.850	0.95321	0.97204
16	135.000	220.850	0.99059	0.99353
17	137.500	221.850	1.00000	0.99917
18	145.000	224.850	1.00000	1.00000
19	147.500	225.850	1.00000	1.00000
20	150.000	226.850	1.00000	1.00000

#SCAN:10 5-1_m_25_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
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#SCAN: 2 5-1_m_23_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	186.850	0.0	5.00083E-5
1	10.000	196.850	0.0	2.94957E-4
2	14.000	200.850	0.0	9.23894E-4
3	18.000	204.850	0.0	3.33401E-3
4	20.000	206.850	0.0	6.51982E-3
5	22.000	208.850	0.0	1.28690E-2
6	24.000	210.850	0.0	2.54762E-2
7	26.000	212.850	0.0	5.02480E-2
8	28.000	214.850	1.26664E-2	9.78875E-2
9	29.000	215.850	1.90453E-2	0.13546
10	30.000	216.850	3.13677E-2	0.18579
11	31.000	217.850	6.45032E-2	0.25178
12	32.000	218.850	0.13641	0.33568
13	33.000	219.850	0.28753	0.43797
14	34.000	220.850	0.44076	0.55559
15	35.000	221.850	0.60357	0.68028
16	36.000	222.850	0.76404	0.79844
17	37.000	223.850	0.90863	0.89430
18	38.000	224.850	0.98912	0.95711
19	39.000	225.850	0.99606	0.98782
20	40.000	226.850	1.00000	0.99789

#SCAN: 5 5-1_m_27_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	166.850	0.0	5.00083E-5
1	40.000	186.850	0.0	1.08723E-4
2	60.000	196.850	0.0	9.38081E-4
3	64.000	198.850	0.0	1.71749E-3
4	68.000	200.850	0.0	3.25389E-3
5	72.000	202.850	0.0	6.31362E-3
6	76.000	204.850	0.0	1.24351E-2
7	80.000	206.850	0.0	2.46669E-2
8	84.000	208.850	0.0	4.88964E-2
9	88.000	210.850	2.11348E-2	9.59325E-2
10	90.000	211.850	4.34024E-2	0.13329
11	92.000	212.850	7.15806E-2	0.18360
12	94.000	213.850	0.12759	0.24989
13	96.000	214.850	0.30808	0.33456
14	98.000	215.850	0.53619	0.43817
15	100.000	216.850	0.75348	0.55755
16	102.000	217.850	0.91870	0.68407
17	104.000	218.850	0.99763	0.80338
18	108.000	220.850	0.99957	0.96047
19	112.000	222.850	1.00000	0.99832
20	114.000	223.850	1.00000	0.99987

#SCAN: 8 5-1_m_16_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	201.850	0.0	5.00083E-5
1	8.000	203.850	0.0	3.71219E-3
2	12.000	204.850	0.0	9.20352E-3
3	16.000	205.850	0.0	1.89253E-2
4	20.000	206.850	3.03933E-3	3.49121E-2
5	24.000	207.850	8.78302E-3	5.99146E-2
6	28.000	208.850	1.58977E-2	9.74689E-2
7	32.000	209.850	2.70977E-2	0.15177
8	36.000	210.850	5.05363E-2	0.22712
9	40.000	211.850	0.11752	0.32665
10	44.000	212.850	0.25961	0.45002
11	48.000	213.850	0.50589	0.59049
12	52.000	214.850	0.80782	0.73282
13	56.000	215.850	0.96041	0.85558
14	60.000	216.850	0.99427	0.94023
15	64.000	217.850	0.99801	0.98305
16	68.000	218.850	0.99901	0.99718
17	72.000	219.850	1.00000	0.99978
18	76.000	220.850	1.00000	0.99999
19	80.000	221.850	1.00000	1.00000
20	84.000	222.850	1.00000	1.00000
21	88.000	223.850	1.00000	1.00000
22	92.000	224.850	1.00000	1.00000

#SCAN:11 5-1_m_26_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
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#SCAN: 3 5-1_m_24_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	4.000	200.850	0.0	4.11957E-4
2	8.000	204.850	0.0	2.27131E-3
3	10.000	206.850	0.0	4.99640E-3
4	12.000	208.850	0.0	1.06972E-2
5	13.000	209.850	0.0	1.55218E-2
6	14.000	210.850	0.0	2.24074E-2
7	15.000	211.850	0.0	3.21830E-2
8	16.000	212.850	0.0	4.59777E-2
9	17.000	213.850	4.83996E-3	6.53000E-2
10	18.000	214.850	1.40917E-2	9.21103E-2
11	19.000	215.850	3.07360E-2	0.12885
12	20.000	216.850	6.65635E-2	0.17838
13	21.000	217.850	0.14969	0.24367
14	22.000	218.850	0.26121	0.32711
15	23.000	219.850	0.48711	0.42935
16	24.000	220.850	0.71541	0.54747
17	25.000	221.850	0.88074	0.67334
18	26.000	222.850	0.94253	0.79324
19	28.000	224.850	0.99807	0.95555
20	30.000	226.850	1.00000	0.99779

#SCAN: 6 5-1_m_28_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	6.000	199.850	0.0	6.24746E-4
2	10.000	201.850	0.0	1.91277E-3
3	14.000	203.850	0.0	4.98776E-3
4	18.000	205.850	0.0	1.18827E-2
5	22.000	207.850	0.0	2.66983E-2
6	26.000	209.850	0.0	5.73746E-2
7	28.000	210.850	0.0	8.28098E-2
8	30.000	211.850	1.22913E-2	0.11819
9	32.000	212.850	2.90707E-2	0.16655
10	34.000	213.850	6.22084E-2	0.23112
11	36.000	214.850	0.11478	0.31462
12	38.000	215.850	0.26424	0.41802
13	40.000	216.850	0.46647	0.53857
14	42.000	217.850	0.69939	0.66786
15	44.000	218.850	0.83598	0.79132
16	46.000	219.850	0.93113	0.89169
17	48.000	220.850	0.98609	0.95700
18	50.000	221.850	0.99610	0.98827
19	54.000	223.850	0.99806	0.99985
20	58.000	225.850	1.00000	1.00000
21	60.000	226.850	1.00000	1.00000

#SCAN: 9 5-1_m_20_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	200.850	0.0	5.00083E-5
1	4.000	201.850	0.0	7.57745E-4
2	8.000	202.850	0.0	2.70670E-3
3	12.000	203.850	0.0	6.61130E-3
4	16.000	204.850	0.0	1.35075E-2
5	20.000	205.850	0.0	2.48673E-2
6	24.000	206.850	0.0	4.27289E-2
7	28.000	207.850	8.86649E-3	6.98176E-2
8	32.000	208.850	1.77692E-2	0.10959
9	36.000	209.850	3.80635E-2	0.16608
10	40.000	210.850	0.13526	0.24332
11	44.000	211.850	0.36828	0.34403
12	48.000	212.850	0.74082	0.46737
13	52.000	213.850	0.93453	0.60618
14	56.000	214.850	0.98846	0.74520
15	60.000	215.850	0.99374	0.86363
16	64.000	216.850	0.99759	0.94422
17	68.000	217.850	1.00000	0.98440
18	72.000	218.850	1.00000	0.99745
19	76.000	219.850	1.00000	

0	0.000	196.850	0.0	5.00083E-5
1	8.000	198.850	0.0	8.24621E-4
2	16.000	200.850	0.0	3.59115E-3
3	24.000	202.850	0.0	1.09581E-2
4	28.000	203.850	0.0	1.78888E-2
5	32.000	204.850	0.0	2.83299E-2
6	36.000	205.850	4.55427E-3	4.37853E-2
7	40.000	206.850	1.75359E-2	6.62818E-2
8	44.000	207.850	2.77572E-2	9.84514E-2
9	48.000	208.850	5.48792E-2	0.14352
10	52.000	209.850	0.15673	0.20508
11	56.000	210.850	0.29851	0.28644
12	60.000	211.850	0.58224	0.38930
13	64.000	212.850	0.84730	0.51165
14	68.000	213.850	0.95446	0.64542
15	72.000	214.850	0.98950	0.77548
16	76.000	215.850	0.99617	0.88288
17	80.000	216.850	1.00000	0.95353
18	84.000	217.850	1.00000	0.98746
19	92.000	219.850	1.00000	0.99986
20	100.000	221.850	1.00000	1.00000
21	112.000	224.850	1.00000	1.00000

#Project:5-1_model_experimental
#Meas. type:ALPHA
#Model Step 1: Prout-Tompkins equation
#STATISTICS
#Least Squares: 714.85753
#Mean of residues: 1.74042
#Max.No of cycles: 50
#Number of cycles: 12
#Correlation coefficient: 0.909081
#Rel.precision:0.001000
#t-critical(0.95;110): 1.973
#Durbin-Watson Value: 0.422
#Durbin-Watson Factor: 1.627

#SCAN: 1 5-1_m_17_2.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	66.850	0.0	5.00083E-5
1	10.000	86.850	0.0	5.00083E-5
2	20.000	106.850	0.0	5.00083E-5
3	30.000	126.850	0.0	5.00083E-5
4	40.000	146.850	0.0	5.00090E-5
5	50.000	166.850	0.0	5.00409E-5
6	55.000	176.850	0.0	5.02088E-5
7	60.000	186.850	0.0	5.11588E-5
8	65.000	196.850	0.0	5.63939E-5
9	70.000	206.850	0.0	9.04728E-5
10	71.000	208.850	0.0	1.12348E-4
11	72.000	210.850	0.0	1.50575E-4
12	73.000	212.850	0.0	2.23517E-4
13	74.000	214.850	0.0	3.80319E-4
14	75.000	216.850	0.0	7.76147E-4
15	76.000	218.850	1.75283E-2	2.01610E-3
16	77.000	220.850	4.87365E-2	7.19200E-3
17	78.000	222.850	0.19051	3.82187E-2
18	79.000	224.850	0.84932	0.27648
19	80.000	226.850	1.00000	0.88506
20	81.000	228.850	1.00000	0.99757

#SCAN: 4 5-1_m_12_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	176.850	0.0	5.00083E-5
1	11.111	186.850	0.0	5.21353E-5
2	22.222	196.850	0.0	6.47377E-5
3	27.778	201.850	0.0	9.01418E-5
4	31.111	204.850	0.0	1.29772E-4
5	33.333	206.850	0.0	1.85068E-4
6	35.556	208.850	0.0	2.99435E-4
7	37.778	210.850	0.0	5.73919E-4
8	40.000	212.850	0.0	1.37979E-3
9	42.222	214.850	0.0	4.48320E-3
10	44.444	216.850	1.50339E-2	2.15235E-2
11	45.556	217.850	2.68520E-2	5.56228E-2
12	46.667	218.850	5.86252E-2	0.15541

0	0.000	186.850	0.0	5.00083E-5
1	32.000	194.850	0.0	1.05817E-3
2	40.000	196.850	0.0	2.25249E-3
3	48.000	198.850	0.0	4.76859E-3
4	56.000	200.850	0.0	1.00286E-2
5	64.000	202.850	0.0	2.09149E-2
6	68.000	203.850	0.0	3.00822E-2
7	72.000	204.850	7.35825E-3	4.31179E-2
8	76.000	205.850	1.75491E-2	6.15348E-2
9	80.000	206.850	2.77810E-2	8.73307E-2
10	84.000	207.850	5.77645E-2	0.12304
11	88.000	208.850	0.14853	0.17170
12	92.000	209.850	0.31459	0.23653
13	96.000	210.850	0.54364	0.32029
14	100.000	211.850	0.75377	0.42394
15	104.000	212.850	0.94343	0.54469
16	108.000	213.850	0.98280	0.67397
17	112.000	214.850	0.98950	0.79694
18	116.000	215.850	0.99904	0.89612
19	120.000	216.850	1.00000	0.95973
20	124.000	217.850	1.00000	0.98943
21	148.000	223.850	1.00000	1.00000

#SCAN: 2 5-1_m_23_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	186.850	0.0	5.00083E-5
1	10.000	196.850	0.0	6.07667E-5
2	14.000	200.850	0.0	7.55979E-5
3	18.000	204.850	0.0	1.13629E-4
4	20.000	206.850	0.0	1.56396E-4
5	22.000	208.850	0.0	2.41162E-4
6	24.000	210.850	0.0	4.33138E-4
7	26.000	212.850	0.0	9.54075E-4
8	28.000	214.850	1.26664E-2	2.75810E-3
9	29.000	215.850	1.90453E-2	5.33050E-3
10	30.000	216.850	3.13677E-2	1.13964E-2
11	31.000	217.850	6.45032E-2	2.72104E-2
12	32.000	218.850	0.13641	7.23354E-2
13	33.000	219.850	0.28753	0.20321
14	34.000	220.850	0.44076	0.50066
15	35.000	221.850	0.60357	0.82965
16	36.000	222.850	0.76404	0.96792
17	37.000	223.850	0.90863	0.99597
18	38.000	224.850	0.98912	0.99964
19	39.000	225.850	0.99606	0.99998
20	40.000	226.850	1.00000	1.00000

#SCAN: 5 5-1_m_27_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	166.850	0.0	5.00083E-5
1	40.000	186.850	0.0	5.46291E-5
2	60.000	196.850	0.0	8.06620E-5
3	64.000	198.850	0.0	9.69855E-5
4	68.000	200.850	0.0	1.24839E-4
5	72.000	202.850	0.0	1.76259E-4
6	76.000	204.850	0.0	2.82017E-4
7	80.000	206.850	0.0	5.34168E-4
8	84.000	208.850	0.0	1.26939E-3
9	88.000	210.850	2.11348E-2	4.08485E-3
10	90.000	211.850	4.34024E-2	8.45117E-3
11	92.000	212.850	7.15806E-2	1.95323E-2
12	94.000	213.850	0.12759	5.06387E-2

#SCAN: 3 5-1_m_24_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	4.000	200.850	0.0	6.22139E-5
2	8.000	204.850	0.0	9.35127E-5
3	10.000	206.850	0.0	1.28710E-4
4	12.000	208.850	0.0	1.98472E-4
5	13.000	209.850	0.0	2.60214E-4
6	14.000	210.850	0.0	3.56477E-4
7	15.000	211.850	0.0	5.13792E-4
8	16.000	212.850	0.0	7.85285E-4
9	17.000	213.850	4.83996E-3	1.28432E-3
10	18.000	214.850	1.40917E-2	2.27086E-3
11	19.000	215.850	3.07360E-2	4.39083E-3
12	20.000	216.850	6.65635E-2	9.39754E-3
13	21.000	217.850	0.14969	2.25010E-2
14	22.000	218.850	0.26121	6.03001E-2
15	23.000	219.850	0.48711	0.17348
16	24.000	220.850	0.71541	0.45209
17	25.000	221.850	0.88074	0.80032
18	26.000	222.850	0.94253	0.96128
19	28.000	224.850	0.99807	0.99956
20	30.000	226.850	1.00000	1.00000

#SCAN: 6 5-1_m_28_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	6.000	199.850	0.0	6.75491E-5
2	10.000	201.850	0.0	9.07460E-5
3	14.000	203.850	0.0	1.35757E-4
4	18.000	205.850	0.0	2.34871E-4
5	22.000	207.850	0.0	4.94248E-4
6	26.000	209.850	0.0	1.35281E-3
7	28.000	210.850	0.0	2.53635E-3
8	30.000	211.850	1.22913E-2	5.25619E-3
9	32.000	212.850	2.90707E-2	1.21996E-2
10	34.000	213.850	6.22084E-2	3.20095E-2
11	36.000	214.850	0.11478	9.38625E-2
12	38.000	215.850	0.26424	0.28002

13	47.778	219.850	0.24443	0.40707
14	48.889	220.850	0.52665	0.75859
15	50.000	221.850	0.84721	0.94790
16	51.111	222.850	0.96834	0.99281
17	52.222	223.850	0.99514	0.99930
18	53.333	224.850	0.99901	0.99995
19	54.444	225.850	1.00000	1.00000
20	55.556	226.850	1.00000	1.00000

#SCAN: 7 5-1_m_15_0.4.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	166.850	0.0	5.00083E-5
1	25.000	176.850	0.0	5.08532E-5
2	50.000	186.850	0.0	5.58496E-5
3	75.000	196.850	0.0	9.09021E-5
4	87.500	201.850	0.0	1.91441E-4
5	95.000	204.850	0.0	4.34555E-4
6	100.000	206.850	0.0	9.65392E-4
7	105.000	208.850	0.0	2.84567E-3
8	110.000	210.850	1.04049E-2	1.21929E-2
9	115.000	212.850	3.33066E-2	8.17274E-2
10	120.000	214.850	6.88567E-2	0.55954
11	122.500	215.850	0.12491	0.86910
12	125.000	216.850	0.25075	0.97829
13	127.500	217.850	0.54436	0.99759
14	130.000	218.850	0.82519	0.99981
15	132.500	219.850	0.95321	0.99999
16	135.000	220.850	0.99059	1.00000
17	137.500	221.850	1.00000	1.00000
18	145.000	224.850	1.00000	1.00000
19	147.500	225.850	1.00000	1.00000
20	150.000	226.850	1.00000	1.00000

#SCAN:10 5-1_m_25_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	196.850	0.0	5.00083E-5
1	8.000	198.850	0.0	7.22974E-5
2	16.000	200.850	0.0	1.19788E-4
3	24.000	202.850	0.0	2.38787E-4
4	28.000	203.850	0.0	3.68486E-4
5	32.000	204.850	0.0	6.11206E-4
6	36.000	205.850	4.55427E-3	1.10235E-3
7	40.000	206.850	1.75359E-2	2.19040E-3
8	44.000	207.850	2.77572E-2	4.86561E-3
9	48.000	208.850	5.48792E-2	1.22629E-2
10	52.000	209.850	0.15673	3.53947E-2
11	56.000	210.850	0.29851	0.11449
12	60.000	211.850	0.58224	0.35827
13	64.000	212.850	0.84730	0.75308
14	68.000	213.850	0.95446	0.95627
15	72.000	214.850	0.98950	0.99536
16	76.000	215.850	0.99617	0.99967
17	80.000	216.850	1.00000	0.99998
18	84.000	217.850	1.00000	1.00000
19	92.000	219.850	1.00000	1.00000
20	100.000	221.850	1.00000	1.00000
21	112.000	224.850	1.00000	1.00000

13	96.000	214.850	0.30808	0.14317
14	98.000	215.850	0.53619	0.38550
15	100.000	216.850	0.75348	0.74377
16	102.000	217.850	0.91870	0.94472
17	104.000	218.850	0.99763	0.99253
18	108.000	220.850	0.99957	0.99995
19	112.000	222.850	1.00000	1.00000
20	114.000	223.850	1.00000	1.00000

#SCAN: 8 5-1_m_16_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	201.850	0.0	5.00083E-5
1	8.000	203.850	0.0	1.11924E-4
2	12.000	204.850	0.0	1.85680E-4
3	16.000	205.850	0.0	3.35001E-4
4	20.000	206.850	3.03933E-3	6.66163E-4
5	24.000	207.850	8.78302E-3	1.48253E-3
6	28.000	208.850	1.58977E-2	3.75588E-3
7	32.000	209.850	2.70977E-2	1.10196E-2
8	36.000	210.850	5.05363E-2	3.77773E-2
9	40.000	211.850	0.11752	0.14496
10	44.000	212.850	0.25961	0.48083
11	48.000	213.850	0.50589	0.86910
12	52.000	214.850	0.80782	0.98488
13	56.000	215.850	0.96041	0.99891
14	60.000	216.850	0.99427	0.99995
15	64.000	217.850	0.99801	1.00000
16	68.000	218.850	0.99901	1.00000
17	72.000	219.850	1.00000	1.00000
18	76.000	220.850	1.00000	1.00000
19	80.000	221.850	1.00000	1.00000
20	84.000	222.850	1.00000	1.00000
21	88.000	223.850	1.00000	1.00000
22	92.000	224.850	1.00000	1.00000

#SCAN:11 5-1_m_26_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	186.850	0.0	5.00083E-5
1	32.000	194.850	0.0	8.33668E-5
2	40.000	196.850	0.0	1.09025E-4
3	48.000	198.850	0.0	1.57615E-4
4	56.000	200.850	0.0	2.61135E-4
5	64.000	202.850	0.0	5.20475E-4
6	68.000	203.850	0.0	8.03054E-4
7	72.000	204.850	7.35825E-3	1.33164E-3
8	76.000	205.850	1.75491E-2	2.40031E-3
9	80.000	206.850	2.77810E-2	4.76338E-3
10	84.000	207.850	5.77645E-2	1.05478E-2
11	88.000	208.850	0.14853	2.63552E-2
12	92.000	209.850	0.31459	7.40756E-2
13	96.000	210.850	0.54364	0.21990
14	100.000	211.850	0.75377	0.54898
15	104.000	212.850	0.94343	0.86928
16	108.000	213.850	0.98280	0.97945
17	112.000	214.850	0.98950	0.99787
18	116.000	215.850	0.99904	0.99985
19	120.000	216.850	1.00000	0.99999
20	124.000	217.850	1.00000	1.00000
21	148.000	223.850	1.00000	1.00000

13	40.000	216.850	0.46647	0.64280
14	42.000	217.850	0.69939	0.91376
15	44.000	218.850	0.83598	0.98800
16	46.000	219.850	0.93113	0.99887
17	48.000	220.850	0.98609	0.99993
18	50.000	221.850	0.99610	1.00000
19	54.000	223.850	0.99806	1.00000
20	58.000	225.850	1.00000	1.00000
21	60.000	226.850	1.00000	1.00000

#SCAN: 9 5-1_m_20_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	200.850	0.0	5.00083E-5
1	4.000	201.850	0.0	6.87445E-5
2	8.000	202.850	0.0	9.96937E-5
3	12.000	203.850	0.0	1.53855E-4
4	16.000	204.850	0.0	2.55235E-4
5	20.000	205.850	0.0	4.60465E-4
6	24.000	206.850	0.0	9.15537E-4
7	28.000	207.850	8.86649E-3	2.03689E-3
8	32.000	208.850	1.77692E-2	5.15591E-3
9	36.000	209.850	3.80635E-2	1.50863E-2
10	40.000	210.850	0.13526	5.12072E-2
11	44.000	211.850	0.36828	0.18901
12	48.000	212.850	0.74082	0.56009
13	52.000	213.850	0.93453	0.90126
14	56.000	214.850	0.98846	0.98896
15	60.000	215.850	0.99374	0.99921
16	64.000	216.850	0.99759	0.99996
17	68.000	217.850	1.00000	1.00000
18	72.000	218.850	1.00000	1.00000
19	76.000	219.850	1.00000	1.00000
20	80.000	220.850	1.00000	1.00000

[FeL2](BF4)2 (1A), sample 7

Kinetic parameters are listed in Table 1

#F-TEST ON FIT-QUALITY				
#No	F-value	F-crit	f	Code
0	1.00	1.40	98	s: C1 B
1	1.01	1.40	99	s: A3
2	1.01	1.40	97	s: Cn B
3	1.01	1.40	98	s: An
4	1.02	1.40	97	s: Bna
5	1.21	1.40	99	s: A2
6	1.83	1.40	98	s: Fn
7	2.21	1.40	99	s: B1
8	2.32	1.40	99	s: R2
9	2.53	1.40	99	s: R3
10	2.98	1.40	99	s: F1
11	4.01	1.40	99	s: D1
12	4.20	1.40	99	s: D1F
13	4.30	1.40	99	s: F2
14	4.45	1.40	99	s: D2
15	4.61	1.40	99	s: D4
16	4.77	1.40	99	s: D3F
17	4.93	1.40	99	s: D3
#Project:7_model_experimental				
#Meas. type:ALPHA				
#Model Step 1: 1st order with autocatalysis by B				
#STATISTICS				
#Least Squares: 193.76409				
#Mean of residues: 1.13279				
#Max.No of cycles: 50				
#Number of cycles: 3				
#Correlation coefficient: 0.971531				
#Rel.precision:0.001000				
#t-critical(0.95;98): 1.975				
#Durbin-Watson Value: 0.157				
#Durbin-Watson Factor: 2.576				
#SCAN: 1 7_e_16_2.0.txt				
#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	136.850	0.0	5.00083E-5
1	5.000	146.850	0.0	6.30818E-4
2	9.000	154.850	0.0	1.53815E-3
3	13.000	162.850	0.0	3.20097E-3
4	15.000	166.850	0.0	4.50924E-3
5	17.000	170.850	0.0	6.31356E-3
6	19.000	174.850	0.0	8.83524E-3
7	21.000	178.850	0.0	1.24232E-2
8	23.000	182.850	0.0	1.76497E-2
9	25.000	186.850	0.0	2.54934E-2
10	26.000	188.850	7.23636E-3	3.08973E-2
11	28.000	192.850	3.09369E-2	4.63794E-2
12	30.000	196.850	6.40297E-2	7.21458E-2
13	32.000	200.850	0.10674	0.11704
14	34.000	204.850	0.18218	0.19774
15	36.000	208.850	0.41580	0.33966
16	38.000	212.850	0.69253	0.55527
17	40.000	216.850	0.89219	0.78621
18	42.000	220.850	0.99531	0.93246
19	44.000	224.850	1.00000	0.98589
20	45.000	226.850	1.00000	0.99445
#SCAN: 4 7_e_8_0.9.txt				
#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	11.111	156.850	0.0	2.81092E-3
2	22.222	166.850	0.0	9.38938E-3
3	33.333	176.850	0.0	2.74851E-2
4	38.889	181.850	0.0	4.88649E-2
5	44.444	186.850	1.68394E-2	9.21552E-2
6	47.778	189.850	3.12040E-2	0.13956
7	51.111	192.850	6.55411E-2	0.21602
#SCAN: 2 7_e_17_2.0.txt				
#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	5.000	136.850	0.0	3.23739E-4
2	10.000	146.850	0.0	9.12423E-4
3	14.000	154.850	0.0	1.83204E-3
4	18.000	162.850	0.0	3.51731E-3
5	20.000	166.850	0.0	4.84318E-3
6	22.000	170.850	0.0	6.67171E-3
7	24.000	174.850	0.0	9.22706E-3
8	26.000	178.850	0.0	1.28626E-2
9	29.000	184.850	0.0	2.17131E-2
10	31.000	188.850	1.64869E-2	3.15761E-2
11	33.000	192.850	4.43863E-2	4.72515E-2
12	35.000	196.850	7.27466E-2	7.33246E-2
13	37.000	200.850	0.14191	0.11871
14	39.000	204.850	0.27551	0.20015
15	41.000	208.850	0.51160	0.34293
16	43.000	212.850	0.80413	0.55878
17	45.000	216.850	0.93975	0.78857
18	47.000	220.850	0.99302	0.93334
19	49.000	224.850	1.00000	0.98608
20	50.000	226.850	1.00000	0.99453
#SCAN: 5 7_e_14_0.5.txt				
#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	166.850	0.0	5.00083E-5
1	4.000	168.850	0.0	2.90689E-3
2	8.000	170.850	6.77661E-3	6.64700E-3
3	12.000	172.850	1.36136E-2	1.16265E-2
4	16.000	174.850	2.05059E-2	1.83796E-2
5	20.000	176.850	3.81108E-2	2.77219E-2
6	24.000	178.850	6.87078E-2	4.09173E-2
7	28.000	180.850	9.95709E-2	5.99434E-2
#SCAN: 3 7_e_7_0.9.txt				
#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	22.222	166.850	0.0	9.38938E-3
2	33.333	176.850	0.0	2.74851E-2
3	38.889	181.850	0.0	4.88649E-2
4	44.444	186.850	1.90817E-2	9.21552E-2
5	47.778	189.850	4.90125E-2	0.13956
6	51.111	192.850	0.10140	0.21602
7	53.333	194.850	0.15842	0.29031
8	55.556	196.850	0.22718	0.38722
9	57.778	198.850	0.33719	0.50541
10	60.000	200.850	0.46174	0.63520
11	62.222	202.850	0.63063	0.75893
12	64.444	204.850	0.77802	0.85887
13	66.667	206.850	0.83929	0.92690
14	68.889	208.850	0.90335	0.96635
15	71.111	210.850	0.94009	0.98618
16	73.333	212.850	0.97245	0.99494
17	75.556	214.850	0.98576	0.99835
18	77.778	216.850	0.99093	0.99953
19	82.222	220.850	1.00000	0.99997
20	83.333	221.850	1.00000	0.99999
#SCAN: 6 7_e_15_0.5.txt				
#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	166.850	0.0	5.00083E-5
1	4.000	168.850	0.0	2.90689E-3
2	8.000	170.850	2.53866E-3	6.64700E-3
3	12.000	172.850	9.20948E-3	1.16265E-2
4	16.000	174.850	1.18053E-2	1.83796E-2
5	20.000	176.850	1.84744E-2	2.77219E-2
6	24.000	178.850	2.72660E-2	4.09173E-2
7	28.000	180.850	3.61314E-2	5.99434E-2

8	53.333	194.850	0.12004	0.29031
9	55.556	196.850	0.17726	0.38722
10	57.778	198.850	0.26876	0.50541
11	60.000	200.850	0.40631	0.63520
12	62.222	202.850	0.60412	0.75893
13	64.444	204.850	0.73965	0.85887
14	66.667	206.850	0.87170	0.92690
15	68.889	208.850	0.92884	0.96635
16	71.111	210.850	0.97255	0.98618
17	73.333	212.850	0.98176	0.99494
18	77.778	216.850	0.98858	0.99953
19	82.222	220.850	1.00000	0.99997
20	83.333	221.850	1.00000	0.99999

#SCAN: 7 7_e_13_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	156.850	0.0	5.00083E-5
1	8.000	158.850	0.0	3.00852E-3
2	16.000	160.850	0.0	6.92510E-3
3	24.000	162.850	1.74719E-2	1.22059E-2
4	32.000	164.850	3.29709E-2	1.94715E-2
5	40.000	166.850	5.50185E-2	2.96875E-2
6	48.000	168.850	8.15534E-2	4.43822E-2
7	56.000	170.850	0.11048	6.59954E-2
8	64.000	172.850	0.15915	9.84017E-2
9	72.000	174.850	0.21912	0.14754
10	80.000	176.850	0.35390	0.22164
11	88.000	178.850	0.52499	0.32940
12	96.000	180.850	0.65128	0.47309
13	104.000	182.850	0.76980	0.63746
14	112.000	184.850	0.88044	0.78864
15	120.000	186.850	0.94512	0.89672
16	128.000	188.850	0.98339	0.95731
17	136.000	190.850	0.99268	0.98488
18	144.000	192.850	0.99748	0.99539
19	152.000	194.850	1.00000	0.99879
20	160.000	196.850	1.00000	0.99973

#Project:7_model_experimental

#Meas. type:ALPHA

#Model Step 1: 3-dim. Avrami-Erofeev

#STATISTICS

#Least Squares: 197.24655

#Mean of residues: 1.14292

#Max.No of cycles: 50

#Number of cycles: 50

#Correlation coefficient: 0.971000

#Rel.precision:0.001000

#t-critical(0.95;99): 1.975

#Durbin-Watson Value: 0.172

#Durbin-Watson Factor: 2.462

#SCAN: 1 7_e_16_2.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	136.850	0.0	5.00083E-5
1	5.000	146.850	0.0	8.14497E-5
2	9.000	154.850	0.0	1.49625E-4
3	13.000	162.850	0.0	3.40501E-4
4	15.000	166.850	0.0	5.54096E-4
5	17.000	170.850	0.0	9.42220E-4
6	19.000	174.850	0.0	1.66335E-3
7	21.000	178.850	0.0	3.02698E-3
8	23.000	182.850	0.0	5.63844E-3
9	25.000	186.850	0.0	1.06773E-2
10	26.000	188.850	7.23636E-3	1.47536E-2
11	28.000	192.850	3.09369E-2	2.82820E-2
12	30.000	196.850	6.40297E-2	5.41673E-2
13	32.000	200.850	0.10674	0.10268
14	34.000	204.850	0.18218	0.18996
15	36.000	208.850	0.41580	0.33543
16	38.000	212.850	0.69253	0.54580
17	40.000	216.850	0.89219	0.78045
18	42.000	220.850	0.99531	0.94467
19	44.000	224.850	1.00000	0.99586

8	32.000	182.850	0.14365	8.78897E-2
9	36.000	184.850	0.21197	0.12947
10	40.000	186.850	0.30047	0.19136
11	44.000	188.850	0.43566	0.28151
12	48.000	190.850	0.58300	0.40519
13	52.000	192.850	0.72717	0.55668
14	56.000	194.850	0.82824	0.71248
15	60.000	196.850	0.90566	0.84098
16	64.000	198.850	0.95467	0.92500
17	68.000	200.850	0.97488	0.96949
18	72.000	202.850	0.98592	0.98919
19	76.000	204.850	0.99053	0.99666
20	80.000	206.850	0.99766	0.99910
21	84.000	208.850	1.00000	0.99979
22	88.000	210.850	1.00000	0.99996

#SCAN: 2 7_e_17_2.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	5.000	136.850	0.0	6.37881E-5
2	10.000	146.850	0.0	1.00290E-4
3	14.000	154.850	0.0	1.77522E-4
4	18.000	162.850	0.0	3.88096E-4
5	20.000	166.850	0.0	6.19502E-4
6	22.000	170.850	0.0	1.03481E-3
7	24.000	174.850	0.0	1.79779E-3
8	26.000	178.850	0.0	3.22625E-3
9	29.000	184.850	0.0	8.11584E-3
10	31.000	188.850	1.64869E-2	1.53169E-2
11	33.000	192.850	4.43863E-2	2.91410E-2
12	35.000	196.850	7.27466E-2	5.54653E-2
13	37.000	200.850	0.14191	0.10459
14	39.000	204.850	0.27551	0.19265
15	41.000	208.850	0.51160	0.33885
16	43.000	212.850	0.80413	0.54942
17	45.000	216.850	0.93975	0.78315
18	47.000	220.850	0.99302	0.94571
19	49.000	224.850	1.00000	0.99598

8	32.000	182.850	5.77747E-2	8.78897E-2
9	36.000	184.850	0.10283	0.12947
10	40.000	186.850	0.15464	0.19136
11	44.000	188.850	0.23030	0.28151
12	48.000	190.850	0.36007	0.40519
13	52.000	192.850	0.52315	0.55668
14	56.000	194.850	0.69839	0.71248
15	60.000	196.850	0.83180	0.84098
16	64.000	198.850	0.91629	0.92500
17	68.000	200.850	0.96433	0.96949
18	72.000	202.850	0.98423	0.98919
19	76.000	204.850	0.99324	0.99666
20	80.000	206.850	0.99787	0.99910
21	84.000	208.850	1.00000	0.99979
22	88.000	210.850	1.00000	0.99996

#SCAN: 3 7_e_7_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	22.222	166.850	0.0	1.86168E-3
2	33.333	176.850	0.0	1.22873E-2
3	38.889	181.850	0.0	3.11025E-2
4	44.444	186.850	1.90817E-2	7.68044E-2
5	47.778	189.850	4.90125E-2	0.12944
6	51.111	192.850	0.10140	0.21279
7	53.333	194.850	0.15842	0.29058
8	55.556	196.850	0.22718	0.38825
9	57.778	198.850	0.33719	0.50429
10	60.000	200.850	0.46174	0.63201
11	62.222	202.850	0.63063	0.75843
12	64.444	204.850	0.77802	0.86651
13	66.667	206.850	0.83929	0.94201
14	68.889	208.850	0.90335	0.98198
15	71.111	210.850	0.94009	0.99648
16	73.333	212.850	0.97245	0.99964
17	75.556	214.850	0.98576	0.99998
18	77.778	216.850	0.99093	1.00000
19	82.222	220.850	1.00000	1.00000

```

20 45.000 226.850 1.00000 0.99947
#SCAN: 4 7_e_8_0.9.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 146.850 0.0 5.00083E-5
1 11.111 156.850 0.0 2.87738E-4
2 22.222 166.850 0.0 1.86159E-3
3 33.333 176.850 0.0 1.22873E-2
4 38.889 181.850 0.0 3.11024E-2
5 44.444 186.850 1.68394E-2 7.68043E-2
6 47.778 189.850 3.12040E-2 0.12944
7 51.111 192.850 6.55411E-2 0.21279
8 53.333 194.850 0.12004 0.29058
9 55.556 196.850 0.17726 0.38825
10 57.778 198.850 0.26876 0.50429
11 60.000 200.850 0.40631 0.63201
12 62.222 202.850 0.60412 0.75843
13 64.444 204.850 0.73965 0.86651
14 66.667 206.850 0.87170 0.94200
15 68.889 208.850 0.92884 0.98198
16 71.111 210.850 0.97255 0.99648
17 73.333 212.850 0.98176 0.99964
18 77.778 216.850 0.98858 1.00000
19 82.222 220.850 1.00000 1.00000
20 83.333 221.850 1.00000 1.00000

```

```

#SCAN: 7 7_e_13_0.25.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 156.850 0.0 5.00083E-5
1 8.000 158.850 0.0 3.12296E-4
2 16.000 160.850 0.0 1.10072E-3
3 24.000 162.850 1.74719E-2 2.96188E-3
4 32.000 164.850 3.29709E-2 6.80717E-3
5 40.000 166.850 5.50185E-2 1.40993E-2
6 48.000 168.850 8.15534E-2 2.71011E-2
7 56.000 170.850 0.11048 4.91665E-2
8 64.000 172.850 0.15915 8.49951E-2
9 72.000 174.850 0.21912 0.14062
10 80.000 176.850 0.35390 0.22270
11 88.000 178.850 0.52499 0.33630
12 96.000 180.850 0.65128 0.48061
13 104.000 182.850 0.76980 0.64337
14 112.000 184.850 0.88044 0.79841
15 120.000 186.850 0.94512 0.91449
16 128.000 188.850 0.98339 0.97620
17 136.000 190.850 0.99268 0.99642
18 144.000 192.850 0.99748 0.99978
19 152.000 194.850 1.00000 1.00000
20 160.000 196.850 1.00000 1.00000

```

```

#Project:7_model_experimental
#Meas. type:ALPHA
#Model Step 1: n-th order with autocatalysis by B
#STATISTICS
#Least Squares: 193.34827
#Mean of residues: 1.13157
#Max.No of cycles: 50
#Number of cycles: 2
#Correlation coefficient: 0.971593
#Rel.precision:0.001000
#t-critical(0.95;97): 1.976
#Durbin-Watson Value: 0.149
#Durbin-Watson Factor: 2.637

```

```

#SCAN: 1 7_e_16_2.0.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 136.850 0.0 5.00083E-5
1 5.000 146.850 0.0 5.59420E-4
2 9.000 154.850 0.0 1.35748E-3
3 13.000 162.850 0.0 2.82682E-3
4 15.000 166.850 0.0 3.98863E-3
5 17.000 170.850 0.0 5.59876E-3
6 19.000 174.850 0.0 7.86322E-3
7 21.000 178.850 0.0 1.11112E-2
8 23.000 182.850 0.0 1.58912E-2

```

```

20 50.000 226.850 1.00000 0.99948
#SCAN: 5 7_e_14_0.5.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 166.850 0.0 5.00083E-5
1 4.000 168.850 0.0 2.95895E-4
2 8.000 170.850 6.77661E-3 1.01385E-3
3 12.000 172.850 1.36136E-2 2.67375E-3
4 16.000 174.850 2.05059E-2 6.04421E-3
5 20.000 176.850 3.81108E-2 1.23385E-2
6 24.000 178.850 6.87078E-2 2.34083E-2
7 28.000 180.850 9.95709E-2 4.19744E-2
8 32.000 182.850 0.14365 7.18473E-2
9 36.000 184.850 0.21197 0.11800
10 40.000 186.850 0.30047 0.18622
11 44.000 188.850 0.43566 0.28181
12 48.000 190.850 0.58300 0.40685
13 52.000 192.850 0.72717 0.55587
14 56.000 194.850 0.82824 0.71199
15 60.000 196.850 0.90566 0.84851
16 64.000 198.850 0.95467 0.94114
17 68.000 200.850 0.97488 0.98521
18 72.000 202.850 0.98592 0.99801
19 76.000 204.850 0.99053 0.99989
20 80.000 206.850 0.99766 1.00000
21 84.000 208.850 1.00000 1.00000
22 88.000 210.850 1.00000 1.00000

```

```

#SCAN: 2 7_e_17_2.0.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 126.850 0.0 5.00083E-5
1 5.000 136.850 0.0 2.89915E-4
2 10.000 146.850 0.0 8.06763E-4
3 14.000 154.850 0.0 1.61647E-3
4 18.000 162.850 0.0 3.10716E-3
5 20.000 166.850 0.0 4.28581E-3
6 22.000 170.850 0.0 5.91922E-3
7 24.000 174.850 0.0 8.21626E-3
8 26.000 178.850 0.0 1.15107E-2

```

```

20 83.333 221.850 1.00000 1.00000
#SCAN: 6 7_e_15_0.5.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 166.850 0.0 5.00083E-5
1 4.000 168.850 0.0 2.95895E-4
2 8.000 170.850 2.53866E-3 1.01385E-3
3 12.000 172.850 9.20948E-3 2.67375E-3
4 16.000 174.850 1.18053E-2 6.04421E-3
5 20.000 176.850 1.84744E-2 1.23385E-2
6 24.000 178.850 2.72660E-2 2.34083E-2
7 28.000 180.850 3.61314E-2 4.19744E-2
8 32.000 182.850 5.77747E-2 7.18473E-2
9 36.000 184.850 0.10283 0.11800
10 40.000 186.850 0.15464 0.18622
11 44.000 188.850 0.23030 0.28181
12 48.000 190.850 0.36007 0.40685
13 52.000 192.850 0.52315 0.55587
14 56.000 194.850 0.69839 0.71199
15 60.000 196.850 0.83180 0.84851
16 64.000 198.850 0.91629 0.94114
17 68.000 200.850 0.96433 0.98521
18 72.000 202.850 0.98423 0.99801
19 76.000 204.850 0.99324 0.99989
20 80.000 206.850 0.99787 1.00000
21 84.000 208.850 1.00000 1.00000
22 88.000 210.850 1.00000 1.00000

```

```

#SCAN: 3 7_e_7_0.9.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 146.850 0.0 5.00083E-5
1 22.222 166.850 0.0 8.36229E-3
2 33.333 176.850 0.0 2.50160E-2
3 38.889 181.850 0.0 4.53192E-2
4 44.444 186.850 1.90817E-2 8.77363E-2
5 47.778 189.850 4.90125E-2 0.13542
6 51.111 192.850 0.10140 0.21374
7 53.333 194.850 0.15842 0.29048
8 55.556 196.850 0.22718 0.39042

```

9	25.000	186.850	0.0	2.31585E-2
10	26.000	188.850	7.23636E-3	2.82219E-2
11	28.000	192.850	3.09369E-2	4.29397E-2
12	30.000	196.850	6.40297E-2	6.79724E-2
13	32.000	200.850	0.10674	0.11268
14	34.000	204.850	0.18218	0.19497
15	36.000	208.850	0.41580	0.34157
16	38.000	212.850	0.69253	0.56088
17	40.000	216.850	0.89219	0.78551
18	42.000	220.850	0.99531	0.92431
19	44.000	224.850	1.00000	0.97913
20	45.000	226.850	1.00000	0.98976

#SCAN: 4 7_e_8_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	11.111	156.850	0.0	2.48140E-3
2	22.222	166.850	0.0	8.36229E-3
3	33.333	176.850	0.0	2.50160E-2
4	38.889	181.850	0.0	4.53192E-2
5	44.444	186.850	1.68394E-2	8.77363E-2
6	47.778	189.850	3.12040E-2	0.13542
7	51.111	192.850	6.55411E-2	0.21374
8	53.333	194.850	0.12004	0.29048
9	55.556	196.850	0.17726	0.39042
10	57.778	198.850	0.26876	0.51074
11	60.000	200.850	0.40631	0.63980
12	62.222	202.850	0.60412	0.75943
13	64.444	204.850	0.73965	0.85415
14	66.667	206.850	0.87170	0.91887
15	68.889	208.850	0.92884	0.95797
16	71.111	210.850	0.97255	0.97945
17	73.333	212.850	0.98176	0.99042
18	77.778	216.850	0.98858	0.99815
19	82.222	220.850	1.00000	0.99969
20	83.333	221.850	1.00000	0.99980

#SCAN: 7 7_e_13_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	156.850	0.0	5.00083E-5
1	8.000	158.850	0.0	2.65653E-3
2	16.000	160.850	0.0	6.14629E-3
3	24.000	162.850	1.74719E-2	1.09125E-2
4	32.000	164.850	3.29709E-2	1.75666E-2
5	40.000	166.850	5.50185E-2	2.70780E-2
6	48.000	168.850	8.15534E-2	4.10123E-2
7	56.000	170.850	0.11048	6.19213E-2
8	64.000	172.850	0.15915	9.39380E-2
9	72.000	174.850	0.21912	0.14349
10	80.000	176.850	0.35390	0.21947
11	88.000	178.850	0.52499	0.33076
12	96.000	180.850	0.65128	0.47791
13	104.000	182.850	0.76980	0.64184
14	112.000	184.850	0.88044	0.78756
15	120.000	186.850	0.94512	0.88989
16	128.000	188.850	0.98339	0.94872
17	136.000	190.850	0.99268	0.97793
18	144.000	192.850	0.99748	0.99105
19	152.000	194.850	1.00000	0.99654
20	160.000	196.850	1.00000	0.99871

#Project:7_model_experimental

#Meas. type:ALPHA

#Model Step 1: n-dim. Avrami-Erofeev

#STATISTICS

#Least Squares: 196.02667

#Mean of residues: 1.13938

#Max.No of cycles: 50

#Number of cycles: 50

#Correlation coefficient: 0.971191

#Rel.precision:0.001000

#t-critical(0.95;98): 1.975

#Durbin-Watson Value: 0.180

#Durbin-Watson Factor: 2.410

9	29.000	184.850	0.0	1.96426E-2
10	31.000	188.850	1.64869E-2	2.88604E-2
11	33.000	192.850	4.43863E-2	4.37762E-2
12	35.000	196.850	7.27466E-2	6.91296E-2
13	37.000	200.850	0.14191	0.11436
14	39.000	204.850	0.27551	0.19745
15	41.000	208.850	0.51160	0.34494
16	43.000	212.850	0.80413	0.56438
17	45.000	216.850	0.93975	0.78775
18	47.000	220.850	0.99302	0.92516
19	49.000	224.850	1.00000	0.97935
20	50.000	226.850	1.00000	0.98986

#SCAN: 5 7_e_14_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	166.850	0.0	5.00083E-5
1	4.000	168.850	0.0	2.56691E-3
2	8.000	170.850	6.77661E-3	5.89806E-3
3	12.000	172.850	1.36136E-2	1.03882E-2
4	16.000	174.850	2.05059E-2	1.65633E-2
5	20.000	176.850	3.81108E-2	2.52406E-2
6	24.000	178.850	6.87078E-2	3.77117E-2
7	28.000	180.850	9.95709E-2	5.60381E-2
8	32.000	182.850	0.14365	8.35033E-2
9	36.000	184.850	0.21197	0.12519
10	40.000	186.850	0.30047	0.18836
11	44.000	188.850	0.43566	0.28138
12	48.000	190.850	0.58300	0.40883
13	52.000	192.850	0.72717	0.56212
14	56.000	194.850	0.82824	0.71486
15	60.000	196.850	0.90566	0.83722
16	64.000	198.850	0.95467	0.91702
17	68.000	200.850	0.97488	0.96122
18	72.000	202.850	0.98592	0.98301
19	76.000	204.850	0.99053	0.99292
20	80.000	206.850	0.99766	0.99717
21	84.000	208.850	1.00000	0.99891
22	88.000	210.850	1.00000	0.99959

9	57.778	198.850	0.33719	0.51074
10	60.000	200.850	0.46174	0.63980
11	62.222	202.850	0.63063	0.75943
12	64.444	204.850	0.77802	0.85415
13	66.667	206.850	0.83929	0.91887
14	68.889	208.850	0.90335	0.95797
15	71.111	210.850	0.94009	0.97945
16	73.333	212.850	0.97245	0.99042
17	75.556	214.850	0.98576	0.99571
18	77.778	216.850	0.99093	0.99815
19	82.222	220.850	1.00000	0.99969
20	83.333	221.850	1.00000	0.99980

#SCAN: 6 7_e_15_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	166.850	0.0	5.00083E-5
1	4.000	168.850	0.0	2.56691E-3
2	8.000	170.850	2.53866E-3	5.89806E-3
3	12.000	172.850	9.20948E-3	1.03882E-2
4	16.000	174.850	1.18053E-2	1.65633E-2
5	20.000	176.850	1.84744E-2	2.52406E-2
6	24.000	178.850	2.72660E-2	3.77117E-2
7	28.000	180.850	3.61314E-2	5.60381E-2
8	32.000	182.850	5.77747E-2	8.35033E-2
9	36.000	184.850	0.10283	0.12519
10	40.000	186.850	0.15464	0.18836
11	44.000	188.850	0.23030	0.28138
12	48.000	190.850	0.36007	0.40883
13	52.000	192.850	0.52315	0.56212
14	56.000	194.850	0.69839	0.71486
15	60.000	196.850	0.83180	0.83722
16	64.000	198.850	0.91629	0.91702
17	68.000	200.850	0.96433	0.96122
18	72.000	202.850	0.98423	0.98301
19	76.000	204.850	0.99324	0.99292
20	80.000	206.850	0.99787	0.99717
21	84.000	208.850	1.00000	0.99891
22	88.000	210.850	1.00000	0.99959

#SCAN: 1 7_e_16_2.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	136.850	0.0	5.00083E-5
1	5.000	146.850	0.0	8.61761E-5
2	9.000	154.850	0.0	1.67066E-4
3	13.000	162.850	0.0	3.98966E-4
4	15.000	166.850	0.0	6.60852E-4
5	17.000	170.850	0.0	1.13722E-3
6	19.000	174.850	0.0	2.01888E-3
7	21.000	178.850	0.0	3.67131E-3
8	23.000	182.850	0.0	6.79302E-3
9	25.000	186.850	0.0	1.27091E-2
10	26.000	188.850	7.23636E-3	1.74235E-2
11	28.000	192.850	3.09369E-2	3.27720E-2
12	30.000	196.850	6.40297E-2	6.13507E-2
13	32.000	200.850	0.10674	0.11330
14	34.000	204.850	0.18218	0.20374
15	36.000	208.850	0.41580	0.34940
16	38.000	212.850	0.69253	0.55370
17	40.000	216.850	0.89219	0.77793
18	42.000	220.850	0.99531	0.93843
19	44.000	224.850	1.00000	0.99406
20	45.000	226.850	1.00000	0.99902

#SCAN: 4 7_e_8_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	11.111	156.850	0.0	3.34529E-4
2	22.222	166.850	0.0	2.24341E-3
3	33.333	176.850	0.0	1.43799E-2
4	38.889	181.850	0.0	3.53660E-2
5	44.444	186.850	1.68394E-2	8.43409E-2
6	47.778	189.850	3.12040E-2	0.13892
7	51.111	192.850	6.55411E-2	0.22307
8	53.333	194.850	0.12004	0.29995
9	55.556	196.850	0.17726	0.39497
10	57.778	198.850	0.26876	0.50647
11	60.000	200.850	0.40631	0.62838
12	62.222	202.850	0.60412	0.74941
13	64.444	204.850	0.73965	0.85483
14	66.667	206.850	0.87170	0.93173
15	68.889	208.850	0.92884	0.97586
16	71.111	210.850	0.97255	0.99422
17	73.333	212.850	0.98176	0.99919
18	77.778	216.850	0.98858	1.00000
19	82.222	220.850	1.00000	1.00000
20	83.333	221.850	1.00000	1.00000

#SCAN: 7 7_e_13_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	156.850	0.0	5.00083E-5
1	8.000	158.850	0.0	3.66566E-4
2	16.000	160.850	0.0	1.32814E-3
3	24.000	162.850	1.74719E-2	3.55587E-3
4	32.000	164.850	3.29709E-2	8.03866E-3
5	40.000	166.850	5.50185E-2	1.63006E-2
6	48.000	168.850	8.15534E-2	3.06106E-2
7	56.000	170.850	0.11048	5.42074E-2
8	64.000	172.850	0.15915	9.14554E-2
9	72.000	174.850	0.21912	0.14773
10	80.000	176.850	0.35390	0.22869
11	88.000	178.850	0.52499	0.33833
12	96.000	180.850	0.65128	0.47553
13	104.000	182.850	0.76980	0.62973
14	112.000	184.850	0.88044	0.77909
15	120.000	186.850	0.94512	0.89665
16	128.000	188.850	0.98339	0.96589
17	136.000	190.850	0.99268	0.99316
18	144.000	192.850	0.99748	0.99932
19	152.000	194.850	1.00000	0.99998
20	160.000	196.850	1.00000	1.00000

#Project:7_model_experimental

#Meas. type:ALPHA

#SCAN: 2 7_e_17_2.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	5.000	136.850	0.0	6.55985E-5
2	10.000	146.850	0.0	1.07972E-4
3	14.000	154.850	0.0	1.99948E-4
4	18.000	162.850	0.0	4.55690E-4
5	20.000	166.850	0.0	7.38809E-4
6	22.000	170.850	0.0	1.24710E-3
7	24.000	174.850	0.0	2.17696E-3
8	26.000	178.850	0.0	3.90237E-3
9	29.000	184.850	0.0	9.69836E-3
10	31.000	188.850	1.64869E-2	1.80426E-2
11	33.000	192.850	4.43863E-2	3.36901E-2
12	35.000	196.850	7.27466E-2	6.26954E-2
13	37.000	200.850	0.14191	0.11522
14	39.000	204.850	0.27551	0.20633
15	41.000	208.850	0.51160	0.35259
16	43.000	212.850	0.80413	0.55697
17	45.000	216.850	0.93975	0.78036
18	47.000	220.850	0.99302	0.93942
19	49.000	224.850	1.00000	0.99420
20	50.000	226.850	1.00000	0.99905

#SCAN: 5 7_e_14_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	166.850	0.0	5.00083E-5
1	4.000	168.850	0.0	3.50296E-4
2	8.000	170.850	6.77661E-3	1.24097E-3
3	12.000	172.850	1.36136E-2	3.26872E-3
4	16.000	174.850	2.05059E-2	7.28831E-3
5	20.000	176.850	3.81108E-2	1.45966E-2
6	24.000	178.850	6.87078E-2	2.71001E-2
7	28.000	180.850	9.95709E-2	4.74971E-2
8	32.000	182.850	0.14365	7.94228E-2
9	36.000	184.850	0.21197	0.12743
10	40.000	186.850	0.30047	0.19653
11	44.000	188.850	0.43566	0.29102
12	48.000	190.850	0.58300	0.41206
13	52.000	192.850	0.72717	0.55427
14	56.000	194.850	0.82824	0.70288
15	60.000	196.850	0.90566	0.83512
16	64.000	198.850	0.95467	0.92943
17	68.000	200.850	0.97488	0.97905
18	72.000	202.850	0.98592	0.99628
19	76.000	204.850	0.99053	0.99968
20	80.000	206.850	0.99766	0.99999
21	84.000	208.850	1.00000	1.00000
22	88.000	210.850	1.00000	1.00000

#SCAN: 3 7_e_7_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	22.222	166.850	0.0	2.24352E-3
2	33.333	176.850	0.0	1.43800E-2
3	38.889	181.850	0.0	3.53661E-2
4	44.444	186.850	1.90817E-2	8.43412E-2
5	47.778	189.850	4.90125E-2	0.13892
6	51.111	192.850	0.10140	0.22307
7	53.333	194.850	0.15842	0.29995
8	55.556	196.850	0.22718	0.39497
9	57.778	198.850	0.33719	0.50647
10	60.000	200.850	0.46174	0.62838
11	62.222	202.850	0.63063	0.74941
12	64.444	204.850	0.77802	0.85483
13	66.667	206.850	0.83929	0.93173
14	68.889	208.850	0.90335	0.97586
15	71.111	210.850	0.94009	0.99422
16	73.333	212.850	0.97245	0.99919
17	75.556	214.850	0.98576	0.99994
18	77.778	216.850	0.99093	1.00000
19	82.222	220.850	1.00000	1.00000
20	83.333	221.850	1.00000	1.00000

#SCAN: 6 7_e_15_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	166.850	0.0	5.00083E-5
1	4.000	168.850	0.0	3.50296E-4
2	8.000	170.850	2.53866E-3	1.24097E-3
3	12.000	172.850	9.20948E-3	3.26872E-3
4	16.000	174.850	1.18053E-2	7.28831E-3
5	20.000	176.850	1.84744E-2	1.45966E-2
6	24.000	178.850	2.72660E-2	2.71001E-2
7	28.000	180.850	3.61314E-2	4.74971E-2
8	32.000	182.850	5.77747E-2	7.94228E-2
9	36.000	184.850	0.10283	0.12743
10	40.000	186.850	0.15464	0.19653
11	44.000	188.850	0.23030	0.29102
12	48.000	190.850	0.36007	0.41206
13	52.000	192.850	0.52315	0.55427
14	56.000	194.850	0.69839	0.70288
15	60.000	196.850	0.83180	0.83512
16	64.000	198.850	0.91629	0.92943
17	68.000	200.850	0.96433	0.97905
18	72.000	202.850	0.98423	0.99628
19	76.000	204.850	0.99324	0.99968
20	80.000	206.850	0.99787	0.99999
21	84.000	208.850	1.00000	1.00000
22	88.000	210.850	1.00000	1.00000

#Model Step 1: Prout-Tompkins n-th order,a autocat

#STATISTICS

#Least Squares: 195.90696

#Mean of residues: 1.13903

#Max.No of cycles: 50

#Number of cycles: 50

#Correlation coefficient: 0.971207

#Rel.precision:0.001000

#t-critical(0.95;97): 1.976

#Durbin-Watson Value: 0.167

#Durbin-Watson Factor: 2.501

#SCAN: 1 7_e_16_2.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	136.850	0.0	5.00083E-5
1	5.000	146.850	0.0	7.83676E-5
2	9.000	154.850	0.0	1.39271E-4
3	13.000	162.850	0.0	3.09295E-4
4	15.000	166.850	0.0	5.00467E-4
5	17.000	170.850	0.0	8.50870E-4
6	19.000	174.850	0.0	1.51049E-3
7	21.000	178.850	0.0	2.77972E-3
8	23.000	182.850	0.0	5.26255E-3
9	25.000	186.850	0.0	1.01710E-2
10	26.000	188.850	7.23636E-3	1.42156E-2
11	28.000	192.850	3.09369E-2	2.79229E-2
12	30.000	196.850	6.40297E-2	5.48120E-2
13	32.000	200.850	0.10674	0.10617
14	34.000	204.850	0.18218	0.19909
15	36.000	208.850	0.41580	0.35105
16	38.000	212.850	0.69253	0.55964
17	40.000	216.850	0.89219	0.77652
18	42.000	220.850	0.99531	0.92774
19	44.000	224.850	1.00000	0.98879
20	45.000	226.850	1.00000	0.99726

#SCAN: 4 7_e_8_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	11.111	156.850	0.0	2.62266E-4
2	22.222	166.850	0.0	1.68200E-3
3	33.333	176.850	0.0	1.16111E-2
4	38.889	181.850	0.0	3.03569E-2
5	44.444	186.850	1.68394E-2	7.74004E-2
6	47.778	189.850	3.12040E-2	0.13245
7	51.111	192.850	6.55411E-2	0.21966
8	53.333	194.850	0.12004	0.30007
9	55.556	196.850	0.17726	0.39899
10	57.778	198.850	0.26876	0.51305
11	60.000	200.850	0.40631	0.63418
12	62.222	202.850	0.60412	0.75039
13	64.444	204.850	0.73965	0.84907
14	66.667	206.850	0.87170	0.92163
15	68.889	208.850	0.92884	0.96658
16	71.111	210.850	0.97255	0.98913
17	73.333	212.850	0.98176	0.99766
18	77.778	216.850	0.98858	1.00000
19	82.222	220.850	1.00000	1.00000
20	83.333	221.850	1.00000	1.00000

#SCAN: 7 7_e_13_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	156.850	0.0	5.00083E-5
1	8.000	158.850	0.0	2.85493E-4
2	16.000	160.850	0.0	9.92771E-4
3	24.000	162.850	1.74719E-2	2.69295E-3
4	32.000	164.850	3.29709E-2	6.28898E-3
5	40.000	166.850	5.50185E-2	1.32774E-2
6	48.000	168.850	8.15534E-2	2.60334E-2
7	56.000	170.850	0.11048	4.81379E-2
8	64.000	172.850	0.15915	8.46183E-2
9	72.000	174.850	0.21912	0.14178
10	80.000	176.850	0.35390	0.22600
11	88.000	178.850	0.52499	0.34085
12	96.000	180.850	0.65128	0.48257

#SCAN: 2 7_e_17_2.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	5.000	136.850	0.0	6.23992E-5
2	10.000	146.850	0.0	9.50288E-5
3	14.000	154.850	0.0	1.63657E-4
4	18.000	162.850	0.0	3.50788E-4
5	20.000	166.850	0.0	5.57714E-4
6	22.000	170.850	0.0	9.32583E-4
7	24.000	174.850	0.0	1.63065E-3
8	26.000	178.850	0.0	2.96080E-3
9	29.000	184.850	0.0	7.64722E-3
10	31.000	188.850	1.64869E-2	1.47563E-2
11	33.000	192.850	4.43863E-2	2.87674E-2
12	35.000	196.850	7.27466E-2	5.61149E-2
13	37.000	200.850	0.14191	0.10812
14	39.000	204.850	0.27551	0.20181
15	41.000	208.850	0.51160	0.35439
16	43.000	212.850	0.80413	0.56292
17	45.000	216.850	0.93975	0.77882
18	47.000	220.850	0.99302	0.92873
19	49.000	224.850	1.00000	0.98900
20	50.000	226.850	1.00000	0.99732

#SCAN: 5 7_e_14_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	166.850	0.0	5.00083E-5
1	4.000	168.850	0.0	2.73318E-4
2	8.000	170.850	6.77661E-3	9.26476E-4
3	12.000	172.850	1.36136E-2	2.46511E-3
4	16.000	174.850	2.05059E-2	5.66329E-3
5	20.000	176.850	3.81108E-2	1.17822E-2
6	24.000	178.850	6.87078E-2	2.27959E-2
7	28.000	180.850	9.95709E-2	4.16560E-2
8	32.000	182.850	0.14365	7.25130E-2
9	36.000	184.850	0.21197	0.12069
10	40.000	186.850	0.30047	0.19198
11	44.000	188.850	0.43566	0.29077
12	48.000	190.850	0.58300	0.41673
13	52.000	192.850	0.72717	0.56118
14	56.000	194.850	0.82824	0.70637
15	60.000	196.850	0.90566	0.83090
16	64.000	198.850	0.95467	0.91955
17	68.000	200.850	0.97488	0.97023
18	72.000	202.850	0.98592	0.99231
19	76.000	204.850	0.99053	0.99890
20	80.000	206.850	0.99766	0.99995
21	84.000	208.850	1.00000	1.00000
22	88.000	210.850	1.00000	1.00000

#SCAN: 3 7_e_7_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	22.222	166.850	0.0	1.68208E-3
2	33.333	176.850	0.0	1.16111E-2
3	38.889	181.850	0.0	3.03569E-2
4	44.444	186.850	1.90817E-2	7.74004E-2
5	47.778	189.850	4.90125E-2	0.13245
6	51.111	192.850	0.10140	0.21966
7	53.333	194.850	0.15842	0.30007
8	55.556	196.850	0.22718	0.39899
9	57.778	198.850	0.33719	0.51305
10	60.000	200.850	0.46174	0.63418
11	62.222	202.850	0.63063	0.75039
12	64.444	204.850	0.77802	0.84907
13	66.667	206.850	0.83929	0.92163
14	68.889	208.850	0.90335	0.96658
15	71.111	210.850	0.94009	0.98913
16	73.333	212.850	0.97245	0.99766
17	75.556	214.850	0.98576	0.99976
18	77.778	216.850	0.99093	1.00000
19	82.222	220.850	1.00000	1.00000
20	83.333	221.850	1.00000	1.00000

#SCAN: 6 7_e_15_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	166.850	0.0	5.00083E-5
1	4.000	168.850	0.0	2.73318E-4
2	8.000	170.850	2.53866E-3	9.26476E-4
3	12.000	172.850	9.20948E-3	2.46511E-3
4	16.000	174.850	1.18053E-2	5.66329E-3
5	20.000	176.850	1.84744E-2	1.17822E-2
6	24.000	178.850	2.72660E-2	2.27959E-2
7	28.000	180.850	3.61314E-2	4.16560E-2
8	32.000	182.850	5.77747E-2	7.25130E-2
9	36.000	184.850	0.10283	0.12069
10	40.000	186.850	0.15464	0.19198
11	44.000	188.850	0.23030	0.29077
12	48.000	190.850	0.36007	0.41673
13	52.000	192.850	0.52315	0.56118
14	56.000	194.850	0.69839	0.70637
15	60.000	196.850	0.83180	0.83090
16	64.000	198.850	0.91629	0.91955
17	68.000	200.850	0.96433	0.97023
18	72.000	202.850	0.98423	0.99231
19	76.000	204.850	0.99324	0.99890
20	80.000	206.850	0.99787	0.99995
21	84.000	208.850	1.00000	1.00000
22	88.000	210.850	1.00000	1.00000

13	104.000	182.850	0.76980	0.63649
14	112.000	184.850	0.88044	0.77925
15	120.000	186.850	0.94512	0.88886
16	128.000	188.850	0.98339	0.95621
17	136.000	190.850	0.99268	0.98776
18	144.000	192.850	0.99748	0.99802
19	152.000	194.850	1.00000	0.99989
20	160.000	196.850	1.00000	1.00000

#Project:7_model_experimental
#Meas. type:ALPHA
#Model Step 1: 2-dim. Avrami-Erofeev
#STATISTICS
#Least Squares: 237.00664
#Mean of residues: 1.25283
#Max.No of cycles: 50
#Number of cycles: 8
#Correlation coefficient: 0.965033
#Rel.precision:0.001000
#t-critical(0.95;99): 1.975
#Durbin-Watson Value: 0.196
#Durbin-Watson Factor: 2.318

#SCAN: 1 7_e_16_2.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	136.850	0.0	5.00083E-5
1	5.000	146.850	0.0	1.41447E-4
2	9.000	154.850	0.0	3.84250E-4
3	13.000	162.850	0.0	1.13103E-3
4	15.000	166.850	0.0	1.96759E-3
5	17.000	170.850	0.0	3.43300E-3
6	19.000	174.850	0.0	5.98656E-3
7	21.000	178.850	0.0	1.04046E-2
8	23.000	182.850	0.0	1.79797E-2
9	25.000	186.850	0.0	3.08196E-2
10	26.000	188.850	7.23636E-3	4.01957E-2
11	28.000	192.850	3.09369E-2	6.77117E-2
12	30.000	196.850	6.40297E-2	0.11218
13	32.000	200.850	0.10674	0.18166
14	34.000	204.850	0.18218	0.28485
15	36.000	208.850	0.41580	0.42678
16	38.000	212.850	0.69253	0.60019
17	40.000	216.850	0.89219	0.77667
18	42.000	220.850	0.99531	0.91225
19	44.000	224.850	1.00000	0.98018
20	45.000	226.850	1.00000	0.99302

#SCAN: 4 7_e_8_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	11.111	156.850	0.0	9.21969E-4
2	22.222	166.850	0.0	6.26294E-3
3	33.333	176.850	0.0	3.13637E-2
4	38.889	181.850	0.0	6.54238E-2
5	44.444	186.850	1.68394E-2	0.13042
6	47.778	189.850	3.12040E-2	0.19227
7	51.111	192.850	6.55411E-2	0.27663
8	53.333	194.850	0.12004	0.34677
9	55.556	196.850	0.17726	0.42782
10	57.778	198.850	0.26876	0.51807
11	60.000	200.850	0.40631	0.61397
12	62.222	202.850	0.60412	0.71004
13	64.444	204.850	0.73965	0.79934
14	66.667	206.850	0.87170	0.87492
15	68.889	208.850	0.92884	0.93173
16	71.111	210.850	0.97255	0.96851
17	73.333	212.850	0.98176	0.98827
18	77.778	216.850	0.98858	0.99932
19	82.222	220.850	1.00000	0.99999
20	83.333	221.850	1.00000	1.00000

#SCAN: 7 7_e_13_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	156.850	0.0	5.00083E-5
1	8.000	158.850	0.0	1.07654E-3

#SCAN: 2 7_e_17_2.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	5.000	136.850	0.0	8.47511E-5
2	10.000	146.850	0.0	1.96768E-4
3	14.000	154.850	0.0	4.72458E-4
4	18.000	162.850	0.0	1.27901E-3
5	20.000	166.850	0.0	2.16120E-3
6	22.000	170.850	0.0	3.68699E-3
7	24.000	174.850	0.0	6.31985E-3
8	26.000	178.850	0.0	1.08411E-2
9	29.000	184.850	0.0	2.42153E-2
10	31.000	188.850	1.64869E-2	4.10296E-2
11	33.000	192.850	4.43863E-2	6.87692E-2
12	35.000	196.850	7.27466E-2	0.11349
13	37.000	200.850	0.14191	0.18322
14	39.000	204.850	0.27551	0.28662
15	41.000	208.850	0.51160	0.42860
16	43.000	212.850	0.80413	0.60182
17	45.000	216.850	0.93975	0.77784
18	47.000	220.850	0.99302	0.91284
19	49.000	224.850	1.00000	0.98035
20	50.000	226.850	1.00000	0.99308

#SCAN: 5 7_e_14_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	166.850	0.0	5.00083E-5
1	4.000	168.850	0.0	1.12797E-3
2	8.000	170.850	6.77661E-3	4.10334E-3
3	12.000	172.850	1.36136E-2	9.79584E-3
4	16.000	174.850	2.05059E-2	1.92750E-2
5	20.000	176.850	3.81108E-2	3.39022E-2
6	24.000	178.850	6.87078E-2	5.53555E-2
7	28.000	180.850	9.95709E-2	8.56156E-2
8	32.000	182.850	0.14365	0.12688
9	36.000	184.850	0.21197	0.18132
10	40.000	186.850	0.30047	0.25074
11	44.000	188.850	0.43566	0.33587
12	48.000	190.850	0.58300	0.43560
13	52.000	192.850	0.72717	0.54607
14	56.000	194.850	0.82824	0.66023
15	60.000	196.850	0.90566	0.76835
16	64.000	198.850	0.95467	0.86004
17	68.000	200.850	0.97488	0.92764
18	72.000	202.850	0.98592	0.96939
19	76.000	204.850	0.99053	0.98999
20	80.000	206.850	0.99766	0.99764
21	84.000	208.850	1.00000	0.99963
22	88.000	210.850	1.00000	0.99997

#SCAN: 3 7_e_7_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	22.222	166.850	0.0	6.26316E-3
2	33.333	176.850	0.0	3.13640E-2
3	38.889	181.850	0.0	6.54242E-2
4	44.444	186.850	1.90817E-2	0.13042
5	47.778	189.850	4.90125E-2	0.19227
6	51.111	192.850	0.10140	0.27663
7	53.333	194.850	0.15842	0.34677
8	55.556	196.850	0.22718	0.42782
9	57.778	198.850	0.33719	0.51807
10	60.000	200.850	0.46174	0.61397
11	62.222	202.850	0.63063	0.71004
12	64.444	204.850	0.77802	0.79935
13	66.667	206.850	0.83929	0.87492
14	68.889	208.850	0.90335	0.93173
15	71.111	210.850	0.94009	0.96851
16	73.333	212.850	0.97245	0.98827
17	75.556	214.850	0.98576	0.99666
18	77.778	216.850	0.99093	0.99932
19	82.222	220.850	1.00000	0.99999
20	83.333	221.850	1.00000	1.00000

#SCAN: 6 7_e_15_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	166.850	0.0	5.00083E-5
1	4.000	168.850	0.0	1.12797E-3
2	8.000	170.850	2.53866E-3	4.10334E-3
3	12.000	172.850	9.20948E-3	9.79584E-3
4	16.000	174.850	1.18053E-2	1.92750E-2
5	20.000	176.850	1.84744E-2	3.39022E-2
6	24.000	178.850	2.72660E-2	5.53555E-2
7	28.000	180.850	3.61314E-2	8.56156E-2
8	32.000	182.850	5.77747E-2	0.12688
9	36.000	184.850	0.10283	0.18132
10	40.000	186.850	0.15464	0.25074
11	44.000	188.850	0.23030	0.33587
12	48.000	190.850	0.36007	0.43560
13	52.000	192.850	0.52315	0.54607
14	56.000	194.850	0.69839	0.66023
15	60.000	196.850	0.83180	0.76835
16	64.000	198.850	0.91629	0.86004
17	68.000	200.850	0.96433	0.92764
18	72.000	202.850	0.98423	0.96939
19	76.000	204.850	0.99324	0.98999
20	80.000	206.850	0.99787	0.99764
21	84.000	208.850	1.00000	0.99963
22	88.000	210.850	1.00000	0.99997

2	16.000	160.850	0.0	3.91752E-3
3	24.000	162.850	1.74719E-2	9.39733E-3
4	32.000	164.850	3.29709E-2	1.86084E-2
5	40.000	166.850	5.50185E-2	3.29631E-2
6	48.000	168.850	8.15534E-2	5.42300E-2
7	56.000	170.850	0.11048	8.45304E-2
8	64.000	172.850	0.15915	0.12625
9	72.000	174.850	0.21912	0.18181
10	80.000	176.850	0.35390	0.25323
11	88.000	178.850	0.52499	0.34136
12	96.000	180.850	0.65128	0.44496
13	104.000	182.850	0.76980	0.55964
14	112.000	184.850	0.88044	0.67731
15	120.000	186.850	0.94512	0.78696
16	128.000	188.850	0.98339	0.87729
17	136.000	190.850	0.99268	0.94084
18	144.000	192.850	0.99748	0.97737
19	152.000	194.850	1.00000	0.99358
20	160.000	196.850	1.00000	0.99876

[FeL2](BF4)2 (1A), sample 3

Kinetic parameters are listed in Table 1

#F-TEST ON FIT-QUALITY														
#No	F-value	F-crit	f	Code										
0	1.00	1.23	260	s:	An									
1	1.00	1.23	261	s:	A2									
2	1.00	1.23	260	s:	C1 B									
3	1.00	1.23	259	s:	Bna									
4	1.01	1.23	259	s:	Cn B									
5	1.22	1.23	261	s:	A3									
6	1.33	1.23	260	s:	Fn									
7	1.67	1.23	261	s:	R2									
8	1.85	1.23	261	s:	R3									
9	2.24	1.23	261	s:	F1									
10	3.00	1.23	261	s:	B1									
11	3.24	1.23	261	s:	D1									
12	3.43	1.23	261	s:	F2									
13	3.44	1.23	261	s:	D1F									
14	3.66	1.23	261	s:	D2									
15	3.82	1.23	261	s:	D4									
16	3.97	1.23	261	s:	D3F									
17	4.12	1.23	261	s:	D3									
#Project:3_model_experimental														
#Meas. type:ALPHA														
#Model Step 1: n-dim. Avrami-Erofeev														
#STATISTICS														
#Least Squares: 370.70898														
#Mean of residues: 1.10247														
#Max.No of cycles: 50														
#Number of cycles: 50														
#Correlation coefficient: 0.967721														
#Rel.precision:0.001000														
#t-critical(0.95;260): 1.960														
#Durbin-Watson Value: 0.069														
#Durbin-Watson Factor: 3.843														
#SCAN: 1 3_e_18_2.0.txt					#SCAN: 2 3_e_19_2.0.txt					#SCAN: 3 3_e_13_0.9.txt				
#	Time/min;	Temp/°C;	O_Y	R_Y	#	Time/min;	Temp/°C;	O_Y	R_Y	#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	149.850	0.0	5.00083E-5	0	0.000	136.850	0.0	5.00083E-5	0	0.000	146.850	0.0	5.00083E-5
1	1.000	151.850	0.0	2.30605E-4	1	2.500	141.850	0.0	3.59209E-4	1	5.556	151.850	0.0	2.59143E-3
2	2.000	153.850	0.0	5.91667E-4	2	5.500	147.850	0.0	1.46163E-3	2	11.111	156.850	1.50892E-2	1.18190E-2
3	3.500	156.850	3.18808E-3	1.60219E-3	3	6.500	149.850	0.0	2.12567E-3	3	13.333	158.850	2.08526E-2	1.85310E-2
4	4.500	158.850	6.37551E-3	2.69602E-3	4	7.500	151.850	2.79292E-3	3.00399E-3	4	15.556	160.850	2.89400E-2	2.76223E-2
5	6.000	161.850	1.34841E-2	5.20050E-3	5	8.500	153.850	5.72263E-3	4.14918E-3	5	17.778	162.850	3.59631E-2	3.96239E-2
6	7.000	163.850	1.67495E-2	7.61718E-3	6	9.000	154.850	8.50261E-3	4.84121E-3	6	20.000	164.850	4.68866E-2	5.51359E-2
7	8.000	165.850	2.13624E-2	1.07986E-2	7	10.000	156.850	1.39483E-2	6.50971E-3	7	22.222	166.850	5.53371E-2	7.48205E-2
8	9.000	167.850	2.96424E-2	1.49181E-2	8	11.000	158.850	1.82383E-2	8.62861E-3	8	24.444	168.850	6.90348E-2	9.93844E-2
9	10.000	169.850	3.81380E-2	2.01798E-2	9	12.000	160.850	2.25526E-2	1.12977E-2	9	26.667	170.850	8.15525E-2	0.12955
10	11.000	171.850	4.53881E-2	2.68216E-2	10	13.500	163.850	3.48615E-2	1.65985E-2	10	28.889	172.850	0.10332	0.16600
11	12.000	173.850	5.27063E-2	3.51189E-2	11	14.500	165.850	4.20629E-2	2.12103E-2	11	31.111	174.850	0.11872	0.20932
12	13.000	175.850	5.87618E-2	4.53864E-2	12	15.500	167.850	5.06459E-2	2.68885E-2	12	33.333	176.850	0.14216	0.25989
13	14.000	177.850	7.15165E-2	5.79794E-2	13	16.500	169.850	6.16290E-2	3.38402E-2	13	35.556	178.850	0.15786	0.31780
14	15.000	179.850	8.03791E-2	7.32925E-2	14	17.500	171.850	7.67669E-2	4.23042E-2	14	37.778	180.850	0.19362	0.38268
15	16.000	181.850	9.33334E-2	9.17548E-2	15	18.500	173.850	8.80960E-2	5.25532E-2	15	40.000	182.850	0.22702	0.45361
16	17.000	183.850	0.10640	0.11382	16	19.500	175.850	0.10611	6.48949E-2	16	42.222	184.850	0.27679	0.52899
17	18.000	185.850	0.12635	0.13996	17	20.500	177.850	0.12561	7.96716E-2	17	44.444	186.850	0.34315	0.60656
18	19.000	187.850	0.14782	0.17062	18	21.500	179.850	0.15192	9.72573E-2	18	46.667	188.850	0.41682	0.68342
19	20.000	189.850	0.18176	0.20622	19	22.500	181.850	0.17845	0.11805	19	48.889	190.850	0.51828	0.75633
20	21.000	191.850	0.21187	0.24708	20	23.500	183.850	0.21594	0.14247	20	51.111	192.850	0.65742	0.82206
21	22.000	193.850	0.25050	0.29337	21	24.500	185.850	0.24970	0.17092	21	53.333	194.850	0.78266	0.87788
22	23.000	195.850	0.28807	0.34509	22	25.500	187.850	0.29998	0.20379	22	55.556	196.850	0.86769	0.92211
23	24.000	197.850	0.34816	0.40193	23	26.500	189.850	0.35748	0.24142	23	57.778	198.850	0.94373	0.95442
24	25.000	199.850	0.40596	0.46326	24	27.500	191.850	0.43728	0.28401	24	60.000	200.850	0.97044	0.97590
25	26.000	201.850	0.49225	0.52804	25	28.500	193.850	0.53420	0.33164	25	62.222	202.850	0.98827	0.98868
26	27.000	203.850	0.60738	0.59483	26	29.500	195.850	0.63056	0.38418	26	66.667	206.850	0.99830	0.99839
27	28.000	205.850	0.71921	0.66179	27	30.500	197.850	0.72356	0.44120	27	72.222	211.850	1.00000	0.99995
28	29.000	207.850	0.80500	0.72678	28	31.500	199.850	0.79930	0.50197					
29	30.000	209.850	0.86940	0.78757	29	32.500	201.850	0.85613	0.56536					
30	31.000	211.850	0.91219	0.84203	30	33.500	203.850	0.89942	0.62990					
31	32.000	213.850	0.94586	0.88846	31	34.500	205.850	0.94305	0.69379					
32	33.000	215.850	0.96616	0.92585	32	35.500	207.850	0.96866	0.75500					

33	34.000	217.850	0.98786	0.95403
34	34.500	218.850	0.99747	0.96486
35	35.000	219.850	0.99850	0.97371
36	36.000	221.850	1.00000	0.98631
37	37.000	223.850	1.00000	0.99360
38	38.000	225.850	1.00000	0.99736

#SCAN: 4 3_e_14_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	5.556	151.850	0.0	2.59143E-3
2	11.111	156.850	1.04319E-2	1.18190E-2
3	13.333	158.850	1.89285E-2	1.85310E-2
4	15.556	160.850	3.36954E-2	2.76223E-2
5	17.778	162.850	4.48396E-2	3.96239E-2
6	20.000	164.850	6.12962E-2	5.51359E-2
7	22.222	166.850	7.65936E-2	7.48205E-2
8	24.444	168.850	0.10256	9.93844E-2
9	26.667	170.850	0.12214	0.12955
10	28.889	172.850	0.15253	0.16600
11	31.111	174.850	0.19119	0.20932
12	33.333	176.850	0.23824	0.25989
13	35.556	178.850	0.28300	0.31780
14	37.778	180.850	0.32950	0.38268
15	40.000	182.850	0.39135	0.45361
16	42.222	184.850	0.47282	0.52899
17	44.444	186.850	0.60161	0.60656
18	46.667	188.850	0.72460	0.68342
19	48.889	190.850	0.84311	0.75633
20	51.111	192.850	0.90289	0.82206
21	53.333	194.850	0.95059	0.87788
22	55.556	196.850	0.98046	0.92211
23	57.778	198.850	0.98945	0.95442
24	60.000	200.850	0.99565	0.97590
25	62.222	202.850	0.99831	0.98868
26	66.667	206.850	1.00000	0.99839
27	72.222	211.850	1.00000	0.99995

#SCAN: 7 3_e_20_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	20.000	136.850	0.0	5.82944E-3
2	30.000	141.850	4.87158E-3	1.64765E-2
3	40.000	146.850	1.73577E-2	3.80690E-2
4	50.000	151.850	4.40790E-2	7.78541E-2
5	56.000	154.850	7.30466E-2	0.11446
6	60.000	156.850	9.70431E-2	0.14563
7	64.000	158.850	0.12643	0.18303
8	68.000	160.850	0.15064	0.22725
9	72.000	162.850	0.18431	0.27868
10	76.000	164.850	0.22480	0.33740
11	80.000	166.850	0.26827	0.40302
12	84.000	168.850	0.33189	0.47458
13	88.000	170.850	0.40137	0.55039
14	92.000	172.850	0.47146	0.62804
15	96.000	174.850	0.54750	0.70449
16	100.000	176.850	0.62421	0.77632
17	104.000	178.850	0.69349	0.84019
18	108.000	180.850	0.74982	0.89341
19	112.000	182.850	0.80255	0.93449
20	116.000	184.850	0.85161	0.96346
21	120.000	186.850	0.89559	0.98183
22	124.000	188.850	0.93165	0.99211
23	128.000	190.850	0.95415	0.99708
24	132.000	192.850	0.96571	0.99911
25	136.000	194.850	0.97313	0.99978
26	140.000	196.850	0.97919	0.99996
27	144.000	198.850	0.98526	0.99999
28	148.000	200.850	0.98992	1.00000
29	152.000	202.850	0.99246	1.00000
30	156.000	204.850	0.99716	1.00000
31	160.000	206.850	0.99962	1.00000
32	164.000	208.850	1.00000	1.00000
33	170.000	211.850	1.00000	1.00000

33	36.500	209.850	0.98311	0.81148
34	37.500	211.850	0.98981	0.86138
35	38.500	213.850	0.99587	0.90330
36	39.500	215.850	0.99826	0.93655
37	40.500	217.850	1.00000	0.96122
38	41.500	219.850	1.00000	0.97816
39	42.000	220.850	1.00000	0.98417

#SCAN: 5 3_e_15_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	5.556	151.850	0.0	2.59143E-3
2	11.111	156.850	1.44755E-2	1.18190E-2
3	13.333	158.850	2.56857E-2	1.85310E-2
4	15.556	160.850	3.54188E-2	2.76223E-2
5	17.778	162.850	5.19273E-2	3.96239E-2
6	20.000	164.850	7.25218E-2	5.51359E-2
7	22.222	166.850	9.46267E-2	7.48205E-2
8	24.444	168.850	0.13020	9.93844E-2
9	26.667	170.850	0.15942	0.12955
10	28.889	172.850	0.20096	0.16600
11	31.111	174.850	0.24285	0.20932
12	33.333	176.850	0.30132	0.25989
13	35.556	178.850	0.35895	0.31780
14	37.778	180.850	0.43207	0.38268
15	40.000	182.850	0.49623	0.45361
16	42.222	184.850	0.56781	0.52899
17	44.444	186.850	0.67729	0.60656
18	46.667	188.850	0.77799	0.68342
19	48.889	190.850	0.86281	0.75633
20	51.111	192.850	0.92034	0.82206
21	53.333	194.850	0.94881	0.87788
22	55.556	196.850	0.97467	0.92211
23	57.778	198.850	0.98795	0.95442
24	60.000	200.850	0.99419	0.97590
25	62.222	202.850	0.99686	0.98868
26	66.667	206.850	1.00000	0.99839
27	72.222	211.850	1.00000	0.99995

#SCAN: 8 3_e_21_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	20.000	136.850	8.22609E-3	5.82947E-3
2	30.000	141.850	2.17489E-2	1.64765E-2
3	40.000	146.850	5.30803E-2	3.80691E-2
4	50.000	151.850	0.10413	7.78543E-2
5	56.000	154.850	0.14998	0.11446
6	60.000	156.850	0.17938	0.14563
7	64.000	158.850	0.21679	0.18303
8	68.000	160.850	0.26718	0.22725
9	72.000	162.850	0.32076	0.27868
10	76.000	164.850	0.39175	0.33740
11	80.000	166.850	0.46207	0.40302
12	84.000	168.850	0.53039	0.47458
13	88.000	170.850	0.60194	0.55039
14	92.000	172.850	0.67811	0.62804
15	96.000	174.850	0.74559	0.70449
16	100.000	176.850	0.81097	0.77632
17	104.000	178.850	0.87422	0.84019
18	108.000	180.850	0.91908	0.89341
19	112.000	182.850	0.95751	0.93449
20	116.000	184.850	0.97989	0.96346
21	120.000	186.850	0.98738	0.98183
22	124.000	188.850	0.99351	0.99211
23	128.000	190.850	0.99414	0.99708
24	132.000	192.850	0.99473	0.99911
25	136.000	194.850	0.99667	0.99978
26	140.000	196.850	1.00000	0.99996

#SCAN: 6 3_e_10_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	136.850	0.0	5.00083E-5
1	5.556	141.850	0.0	1.15444E-3
2	11.111	146.850	7.25072E-3	4.86425E-3
3	16.667	151.850	1.84205E-2	1.34598E-2
4	22.222	156.850	3.23618E-2	3.05777E-2
5	24.444	158.850	4.32321E-2	4.09686E-2
6	26.667	160.850	5.77511E-2	5.40230E-2
7	28.889	162.850	6.74261E-2	7.02438E-2
8	31.111	164.850	7.97484E-2	9.01840E-2
9	33.333	166.850	9.08947E-2	0.11443
10	35.556	168.850	0.10992	0.14360
11	37.778	170.850	0.12780	0.17826
12	40.000	172.850	0.14846	0.21892
13	42.222	174.850	0.17193	0.26595
14	44.444	176.850	0.20352	0.31948
15	46.667	178.850	0.23803	0.37931
16	48.889	180.850	0.28216	0.44480
17	51.111	182.850	0.32934	0.51477
18	53.333	184.850	0.38767	0.58747
19	55.556	186.850	0.46809	0.66058
20	57.778	188.850	0.55732	0.73136
21	60.000	190.850	0.65546	0.79692
22	62.222	192.850	0.75443	0.85458
23	64.444	194.850	0.85147	0.90231
24	66.667	196.850	0.91348	0.93912
25	68.889	198.850	0.95936	0.96527
26	71.111	200.850	0.98474	0.98213
27	73.333	202.850	0.99285	0.99186
28	77.778	206.850	1.00000	0.99892

#SCAN: 9 3_e_22_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	12.000	129.850	2.87689E-3	1.66502E-3
2	20.000	131.850	8.99112E-3	4.54297E-3
3	28.000	133.850	1.15408E-2	9.47203E-3
4	36.000	135.850	1.65654E-2	1.70936E-2
5	44.000	137.850	3.02174E-2	2.81706E-2
6	52.000	139.850	5.00378E-2	4.35926E-2
7	60.000	141.850	8.21814E-2	6.43671E-2
8	68.000	143.850	0.12681	9.15918E-2
9	76.000	145.850	0.19027	0.12640
10	84.000	147.850	0.30109	0.16985
11	92.000	149.850	0.42161	0.22279
12	100.000	151.850	0.54947	0.28567
13	108.000	153.850	0.65605	0.35827
14	116.000	155.850	0.73475	0.43943
15	124.000	157.850	0.79526	0.52688
16	132.000	159.850	0.84996	0.61711
17	140.000	161.850	0.89495	0.70559
18	148.000	163.850	0.93280	0.78726
19	156.000	165.850	0.96555	0.85742
20	164.000	167.850	0.98065	0.91274
21	172.000	169.850	0.98678	0.95214
22	180.000	171.850	0.99162	0.97699
23	196.000	175.850	1.00000	0.99679
24	204.000	177.850	1.00000	0.99913

#SCAN:10 3_e_23_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	20.000	131.850	0.0	4.54304E-3
2	36.000	135.850	1.68402E-3	1.70938E-2
3	44.000	137.850	3.31896E-3	2.81709E-2
4	52.000	139.850	8.64277E-3	4.35930E-2
5	60.000	141.850	2.26322E-2	6.43676E-2
6	68.000	143.850	3.92156E-2	9.15924E-2
7	76.000	145.850	6.34427E-2	0.12640
8	84.000	147.850	9.28797E-2	0.16985
9	92.000	149.850	0.14392	0.22279
10	100.000	151.850	0.20804	0.28567
11	108.000	153.850	0.28543	0.35827
12	116.000	155.850	0.38007	0.43943
13	124.000	157.850	0.46408	0.52688
14	132.000	159.850	0.54756	0.61711
15	140.000	161.850	0.63825	0.70559
16	148.000	163.850	0.72211	0.78726
17	156.000	165.850	0.79472	0.85742
18	164.000	167.850	0.85632	0.91274
19	172.000	169.850	0.90400	0.95214
20	180.000	171.850	0.94548	0.97699
21	188.000	173.850	0.97270	0.99055
22	196.000	175.850	0.98549	0.99679
23	204.000	177.850	0.99166	0.99913
24	220.000	181.850	1.00000	0.99997
25	240.000	186.850	1.00000	1.00000
26	260.000	191.850	1.00000	1.00000

#Project:3_model_experimental

#Meas. type:ALPHA

#Model Step 1: 2-dim. Avrami-Erofeev

#STATISTICS

#Least Squares: 372.56318

#Mean of residues: 1.10522

#Max.No of cycles: 50

#Number of cycles: 50

#Correlation coefficient: 0.967739

#Rel.precision:0.001000

#t-critical(0.95;261): 1.960

#Durbin-Watson Value: 0.065

#Durbin-Watson Factor: 3.957

#SCAN: 1 3_e_18_2.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	149.850	0.0	5.00083E-5
1	1.000	151.850	0.0	2.73519E-4
2	2.000	153.850	0.0	7.24724E-4
3	3.500	156.850	3.18808E-3	1.96952E-3
4	4.500	158.850	6.37551E-3	3.29419E-3
5	6.000	161.850	1.34841E-2	6.27309E-3
6	7.000	163.850	1.67495E-2	9.10102E-3
7	8.000	165.850	2.13624E-2	1.27767E-2
8	9.000	167.850	2.96424E-2	1.74785E-2
9	10.000	169.850	3.81380E-2	2.34136E-2
10	11.000	171.850	4.53881E-2	3.08208E-2
11	12.000	173.850	5.27063E-2	3.99726E-2
12	13.000	175.850	5.87618E-2	5.11760E-2
13	14.000	177.850	7.15165E-2	6.47728E-2
14	15.000	179.850	8.03791E-2	8.11361E-2
15	16.000	181.850	9.33334E-2	0.10067
16	17.000	183.850	0.10640	0.12377
17	18.000	185.850	0.12635	0.15088
18	19.000	187.850	0.14782	0.18237
19	20.000	189.850	0.18176	0.21858
20	21.000	191.850	0.21187	0.25977
21	22.000	193.850	0.25050	0.30603
22	23.000	195.850	0.28807	0.35727
23	24.000	197.850	0.34816	0.41316
24	25.000	199.850	0.40596	0.47303
25	26.000	201.850	0.49225	0.53589
26	27.000	203.850	0.60738	0.60039
27	28.000	205.850	0.71921	0.66486
28	29.000	207.850	0.80500	0.72737

#SCAN: 2 3_e_19_2.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	136.850	0.0	5.00083E-5
1	2.500	141.850	0.0	4.30822E-4
2	5.500	147.850	0.0	1.78092E-3
3	6.500	149.850	0.0	2.58167E-3
4	7.500	151.850	2.79292E-3	3.63078E-3
5	8.500	153.850	5.72263E-3	4.98556E-3
6	9.000	154.850	8.50261E-3	5.79850E-3
7	10.000	156.850	1.39483E-2	7.74422E-3
8	11.000	158.850	1.82383E-2	1.01918E-2
9	12.000	160.850	2.25526E-2	1.32464E-2
10	13.500	163.850	3.48615E-2	1.92416E-2
11	14.500	165.850	4.20629E-2	2.43995E-2
12	15.500	167.850	5.06459E-2	3.06928E-2
13	16.500	169.850	6.16290E-2	3.83289E-2
14	17.500	171.850	7.67669E-2	4.75436E-2
15	18.500	173.850	8.80960E-2	5.86032E-2
16	19.500	175.850	0.10611	7.18041E-2
17	20.500	177.850	0.12561	8.74713E-2
18	21.500	179.850	0.15192	0.10595
19	22.500	181.850	0.17845	0.12762
20	23.500	183.850	0.21594	0.15284
21	24.500	185.850	0.24970	0.18198
22	25.500	187.850	0.29998	0.21537
23	26.500	189.850	0.35748	0.25326
24	27.500	191.850	0.43728	0.29582
25	28.500	193.850	0.53420	0.34305
26	29.500	195.850	0.63056	0.39477
27	30.500	197.850	0.72356	0.45054
28	31.500	199.850	0.79930	0.50963

#SCAN: 3 3_e_13_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	5.556	151.850	0.0	3.15343E-3
2	11.111	156.850	1.50892E-2	1.38542E-2
3	13.333	158.850	2.08526E-2	2.14046E-2
4	15.556	160.850	2.89400E-2	3.14610E-2
5	17.778	162.850	3.59631E-2	4.45308E-2
6	20.000	164.850	4.68866E-2	6.11774E-2
7	22.222	166.850	5.53371E-2	8.20103E-2
8	24.444	168.850	6.90348E-2	0.10767
9	26.667	170.850	8.15525E-2	0.13877
10	28.889	172.850	0.10332	0.17592
11	31.111	174.850	0.11872	0.21956
12	33.333	176.850	0.14216	0.26998
13	35.556	178.850	0.15786	0.32714
14	37.778	180.850	0.19362	0.39063
15	40.000	182.850	0.22702	0.45952
16	42.222	184.850	0.27679	0.53233
17	44.444	186.850	0.34315	0.60699
18	46.667	188.850	0.41682	0.68092
19	48.889	190.850	0.51828	0.75125
20	51.111	192.850	0.65742	0.81510
21	53.333	194.850	0.78266	0.87004
22	55.556	196.850	0.86769	0.91444
23	57.778	198.850	0.94373	0.94782
24	60.000	200.850	0.97044	0.97090
25	62.222	202.850	0.98827	0.98537
26	66.667	206.850	0.99830	0.99748
27	72.222	211.850	1.00000	0.99989

29	30.000	209.850	0.86940	0.78593
30	31.000	211.850	0.91219	0.83866
31	32.000	213.850	0.94586	0.88401
32	33.000	215.850	0.96616	0.92105
33	34.000	217.850	0.98786	0.94954
34	34.500	218.850	0.99747	0.96072
35	35.000	219.850	0.99850	0.97001
36	36.000	221.850	1.00000	0.98360
37	37.000	223.850	1.00000	0.99185
38	38.000	225.850	1.00000	0.99637

#SCAN: 4 3_e_14_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	5.556	151.850	0.0	3.15343E-3
2	11.111	156.850	1.04319E-2	1.38542E-2
3	13.333	158.850	1.89285E-2	2.14046E-2
4	15.556	160.850	3.36954E-2	3.14610E-2
5	17.778	162.850	4.48396E-2	4.45308E-2
6	20.000	164.850	6.12962E-2	6.11774E-2
7	22.222	166.850	7.65936E-2	8.20103E-2
8	24.444	168.850	0.10256	0.10767
9	26.667	170.850	0.12214	0.13877
10	28.889	172.850	0.15253	0.17592
11	31.111	174.850	0.19119	0.21956
12	33.333	176.850	0.23824	0.26998
13	35.556	178.850	0.28300	0.32714
14	37.778	180.850	0.32950	0.39063
15	40.000	182.850	0.39135	0.45952
16	42.222	184.850	0.47282	0.53233
17	44.444	186.850	0.60161	0.60699
18	46.667	188.850	0.72460	0.68092
19	48.889	190.850	0.84311	0.75125
20	51.111	192.850	0.90289	0.81510
21	53.333	194.850	0.95059	0.87004
22	55.556	196.850	0.98046	0.91444
23	57.778	198.850	0.98945	0.94782
24	60.000	200.850	0.99565	0.97090
25	62.222	202.850	0.99831	0.98537
26	66.667	206.850	1.00000	0.99748
27	72.222	211.850	1.00000	0.99989

#SCAN: 7 3_e_20_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	20.000	136.850	0.0	6.84352E-3
2	30.000	141.850	4.87158E-3	1.87596E-2
3	40.000	146.850	1.73577E-2	4.21003E-2
4	50.000	151.850	4.40790E-2	8.37917E-2
5	56.000	154.850	7.30466E-2	0.12131
6	60.000	156.850	9.70431E-2	0.15284
7	64.000	158.850	0.12643	0.19029
8	68.000	160.850	0.15064	0.23414
9	72.000	162.850	0.18431	0.28470
10	76.000	164.850	0.22480	0.34197
11	80.000	166.850	0.26827	0.40556
12	84.000	168.850	0.33189	0.47455
13	88.000	170.850	0.40137	0.54743
14	92.000	172.850	0.47146	0.62207
15	96.000	174.850	0.54750	0.69578
16	100.000	176.850	0.62421	0.76556
17	104.000	178.850	0.69349	0.82843
18	108.000	180.850	0.74982	0.88187
19	112.000	182.850	0.80255	0.92432
20	116.000	184.850	0.85161	0.95545
21	120.000	186.850	0.89559	0.97627
22	124.000	188.850	0.93165	0.98876
23	128.000	190.850	0.95415	0.99536
24	132.000	192.850	0.96571	0.99837
25	136.000	194.850	0.97313	0.99952
26	140.000	196.850	0.97919	0.99989
27	144.000	198.850	0.98526	0.99998
28	148.000	200.850	0.98992	1.00000
29	152.000	202.850	0.99246	1.00000

29	32.500	201.850	0.85613	0.57098
30	33.500	203.850	0.89942	0.63323
31	34.500	205.850	0.94305	0.69476
32	35.500	207.850	0.96866	0.75374
33	36.500	209.850	0.98311	0.80835
34	37.500	211.850	0.98981	0.85692
35	38.500	213.850	0.99587	0.89820
36	39.500	215.850	0.99826	0.93146
37	40.500	217.850	1.00000	0.95671
38	41.500	219.850	1.00000	0.97459
39	42.000	220.850	1.00000	0.98112

#SCAN: 5 3_e_15_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	5.556	151.850	0.0	3.15343E-3
2	11.111	156.850	1.44755E-2	1.38542E-2
3	13.333	158.850	2.56857E-2	2.14046E-2
4	15.556	160.850	3.54188E-2	3.14610E-2
5	17.778	162.850	5.19273E-2	4.45308E-2
6	20.000	164.850	7.25218E-2	6.11774E-2
7	22.222	166.850	9.46267E-2	8.20103E-2
8	24.444	168.850	0.13020	0.10767
9	26.667	170.850	0.15942	0.13877
10	28.889	172.850	0.20096	0.17592
11	31.111	174.850	0.24285	0.21956
12	33.333	176.850	0.30132	0.26998
13	35.556	178.850	0.35895	0.32714
14	37.778	180.850	0.43207	0.39063
15	40.000	182.850	0.49623	0.45952
16	42.222	184.850	0.56781	0.53233
17	44.444	186.850	0.67729	0.60699
18	46.667	188.850	0.77799	0.68092
19	48.889	190.850	0.86281	0.75125
20	51.111	192.850	0.92034	0.81510
21	53.333	194.850	0.94881	0.87004
22	55.556	196.850	0.97467	0.91444
23	57.778	198.850	0.98795	0.94782
24	60.000	200.850	0.99419	0.97090
25	62.222	202.850	0.99686	0.98537
26	66.667	206.850	1.00000	0.99748
27	72.222	211.850	1.00000	0.99989

#SCAN: 8 3_e_21_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	20.000	136.850	8.22609E-3	6.84355E-3
2	30.000	141.850	2.17489E-2	1.87597E-2
3	40.000	146.850	5.30803E-2	4.21003E-2
4	50.000	151.850	0.10413	8.37918E-2
5	56.000	154.850	0.14998	0.12131
6	60.000	156.850	0.17938	0.15284
7	64.000	158.850	0.21679	0.19029
8	68.000	160.850	0.26718	0.23414
9	72.000	162.850	0.32076	0.28470
10	76.000	164.850	0.39175	0.34197
11	80.000	166.850	0.46207	0.40556
12	84.000	168.850	0.53039	0.47455
13	88.000	170.850	0.60194	0.54743
14	92.000	172.850	0.67811	0.62207
15	96.000	174.850	0.74559	0.69578
16	100.000	176.850	0.81097	0.76556
17	104.000	178.850	0.87422	0.82843
18	108.000	180.850	0.91908	0.88187
19	112.000	182.850	0.95751	0.92432
20	116.000	184.850	0.97989	0.95545
21	120.000	186.850	0.98738	0.97627
22	124.000	188.850	0.99351	0.98876
23	128.000	190.850	0.99414	0.99536
24	132.000	192.850	0.99473	0.99837
25	136.000	194.850	0.99667	0.99952
26	140.000	196.850	1.00000	0.99989

#SCAN: 6 3_e_10_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	136.850	0.0	5.00083E-5
1	5.556	141.850	0.0	1.40427E-3
2	11.111	146.850	7.25072E-3	5.79769E-3
3	16.667	151.850	1.84205E-2	1.55974E-2
4	22.222	156.850	3.23618E-2	3.44715E-2
5	24.444	158.850	4.32321E-2	4.56982E-2
6	26.667	160.850	5.77511E-2	5.96381E-2
7	28.889	162.850	6.74261E-2	7.67630E-2
8	31.111	164.850	7.97484E-2	9.75831E-2
9	33.333	166.850	9.08947E-2	0.12263
10	35.556	168.850	0.10992	0.15244
11	37.778	170.850	0.12780	0.18752
12	40.000	172.850	0.14846	0.22828
13	42.222	174.850	0.17193	0.27499
14	44.444	176.850	0.20352	0.32772
15	46.667	178.850	0.23803	0.38621
16	48.889	180.850	0.28216	0.44981
17	51.111	182.850	0.32934	0.51743
18	53.333	184.850	0.38767	0.58745
19	55.556	186.850	0.46809	0.65782
20	57.778	188.850	0.55732	0.72610
21	60.000	190.850	0.65546	0.78971
22	62.222	192.850	0.75443	0.84626
23	64.444	194.850	0.85147	0.89386
24	66.667	196.850	0.91348	0.93146
25	68.889	198.850	0.95936	0.95906
26	71.111	200.850	0.98474	0.97767
27	73.333	202.850	0.99285	0.98905
28	77.778	206.850	1.00000	0.99821

#SCAN: 9 3_e_22_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	12.000	129.850	2.87689E-3	1.99835E-3
2	20.000	131.850	8.99112E-3	5.35337E-3
3	28.000	133.850	1.15408E-2	1.09368E-2
4	36.000	135.850	1.65654E-2	1.93613E-2
5	44.000	137.850	3.02174E-2	3.13456E-2
6	52.000	139.850	5.00378E-2	4.77141E-2
7	60.000	141.850	8.21814E-2	6.93830E-2
8	68.000	143.850	0.12681	9.73296E-2
9	76.000	145.850	0.19027	0.13254
10	84.000	147.850	0.30109	0.17590
11	92.000	149.850	0.42161	0.22811
12	100.000	151.850	0.54947	0.28946
13	108.000	153.850	0.65605	0.35967
14	116.000	155.850	0.73475	0.43767
15	124.000	157.850	0.79526	0.52143
16	132.000	159.850	0.84996	0.60789
17	140.000	161.850	0.89495	0.69312
18	148.000	163.850	0.93280	0.77272
19	156.000	165.850	0.96555	0.84246
20	164.000	167.850	0.98065	0.89913
21	172.000	169.850	0.98678	0.94126
22	180.000	171.850	0.99162	0.96945
23	196.000	175.850	1.00000	0.99462
24	204.000	177.850	1.00000	0.99828

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30 156.000 204.850 0.99716 1.00000
31 160.000 206.850 0.99962 1.00000
32 164.000 208.850 1.00000 1.00000
33 170.000 211.850 1.00000 1.00000
#SCAN:10 3_e_23_0.25.txt
# Time/min; Temp/°C; O_Y R_Y
0 0.000 126.850 0.0 5.00083E-5
1 20.000 131.850 0.0 5.35344E-3
2 36.000 135.850 1.68402E-3 1.93615E-2
3 44.000 137.850 3.31896E-3 3.13459E-2
4 52.000 139.850 8.64277E-3 4.77144E-2
5 60.000 141.850 2.26322E-2 6.93833E-2
6 68.000 143.850 3.92156E-2 9.73301E-2
7 76.000 145.850 6.34427E-2 0.13254
8 84.000 147.850 9.28797E-2 0.17590
9 92.000 149.850 0.14392 0.22811
10 100.000 151.850 0.20804 0.28946
11 108.000 153.850 0.28543 0.35967
12 116.000 155.850 0.38007 0.43767
13 124.000 157.850 0.46408 0.52143
14 132.000 159.850 0.54756 0.60789
15 140.000 161.850 0.63825 0.69312
16 148.000 163.850 0.72211 0.77272
17 156.000 165.850 0.79472 0.84246
18 164.000 167.850 0.85632 0.89913
19 172.000 169.850 0.90400 0.94126
20 180.000 171.850 0.94548 0.96945
21 188.000 173.850 0.97270 0.98611
22 196.000 175.850 0.98549 0.99462
23 204.000 177.850 0.99166 0.99828
24 220.000 181.850 1.00000 0.99991
25 240.000 186.850 1.00000 1.00000
26 260.000 191.850 1.00000 1.00000

```

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#Project:3_model_experimental
#Meas. type:ALPHA
#Model Step 1: 1st order with autocatalysis by B
#STATISTICS
#Least Squares: 372.20459
#Mean of residues: 1.10469
#Max.No of cycles: 50
#Number of cycles: 12
#Correlation coefficient: 0.967603
#Rel.precision:0.001000
#t-critical(0.95;260): 1.960
#Durbin-Watson Value: 0.069
#Durbin-Watson Factor: 3.843
#SCAN: 1 3_e_18_2.0.txt

```

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# Time/min; Temp/°C; O_Y R_Y
0 0.000 149.850 0.0 5.00083E-5
1 1.000 151.850 0.0 1.98799E-3
2 2.000 153.850 0.0 4.17728E-3
3 3.500 156.850 3.18808E-3 8.01578E-3
4 4.500 158.850 6.37551E-3 1.10114E-2
5 6.000 161.850 1.34841E-2 1.63021E-2
6 7.000 163.850 1.67495E-2 2.04638E-2
7 8.000 165.850 2.13624E-2 2.52339E-2
8 9.000 167.850 2.96424E-2 3.07186E-2
9 10.000 169.850 3.81380E-2 3.70457E-2
10 11.000 171.850 4.53881E-2 4.43698E-2
11 12.000 173.850 5.27063E-2 5.28780E-2
12 13.000 175.850 5.87618E-2 6.27968E-2
13 14.000 177.850 7.15165E-2 7.44005E-2
14 15.000 179.850 8.03791E-2 8.80204E-2
15 16.000 181.850 9.33334E-2 0.10405
16 17.000 183.850 0.10640 0.12297
17 18.000 185.850 0.12635 0.14534
18 19.000 187.850 0.14782 0.17177
19 20.000 189.850 0.18176 0.20298
20 21.000 191.850 0.21187 0.23969
21 22.000 193.850 0.25050 0.28258
22 23.000 195.850 0.28807 0.33217
23 24.000 197.850 0.34816 0.38863

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```
#SCAN: 2 3_e_19_2.0.txt
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# Time/min; Temp/°C; O_Y R_Y
0 0.000 136.850 0.0 5.00083E-5
1 2.500 141.850 0.0 2.89141E-3
2 5.500 147.850 0.0 7.57906E-3
3 6.500 149.850 0.0 9.54624E-3
4 7.500 151.850 2.79292E-3 1.17634E-2
5 8.500 153.850 5.72263E-3 1.42666E-2
6 9.000 154.850 8.50261E-3 1.56382E-2
7 10.000 156.850 1.39483E-2 1.86513E-2
8 11.000 158.850 1.82383E-2 2.20696E-2
9 12.000 160.850 2.25526E-2 2.59566E-2
10 13.500 163.850 3.48615E-2 3.28346E-2
11 14.500 165.850 4.20629E-2 3.82552E-2
12 15.500 167.850 5.06459E-2 4.44779E-2
13 16.500 169.850 6.16290E-2 5.16434E-2
14 17.500 171.850 7.67669E-2 5.99204E-2
15 18.500 173.850 8.80960E-2 6.95121E-2
16 19.500 175.850 0.10611 8.06623E-2
17 20.500 177.850 0.12561 9.36636E-2
18 21.500 179.850 0.15192 0.10886
19 22.500 181.850 0.17845 0.12668
20 23.500 183.850 0.21594 0.14759
21 24.500 185.850 0.24970 0.17214
22 25.500 187.850 0.29998 0.20096
23 26.500 189.850 0.35748 0.23469

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```
#SCAN: 3 3_e_13_0.9.txt
```

```

# Time/min; Temp/°C; O_Y R_Y
0 0.000 146.850 0.0 5.00083E-5
1 5.556 151.850 0.0 1.07578E-2
2 11.111 156.850 1.50892E-2 2.66719E-2
3 13.333 158.850 2.08526E-2 3.51560E-2
4 15.556 160.850 2.89400E-2 4.52618E-2
5 17.778 162.850 3.59631E-2 5.73586E-2
6 20.000 164.850 4.68866E-2 7.19069E-2
7 22.222 166.850 5.53371E-2 8.94779E-2
8 24.444 168.850 6.90348E-2 0.11077
9 26.667 170.850 8.15525E-2 0.13663
10 28.889 172.850 0.10332 0.16804
11 31.111 174.850 0.11872 0.20609
12 33.333 176.850 0.14216 0.25189
13 35.556 178.850 0.15786 0.30637
14 37.778 180.850 0.19362 0.37000
15 40.000 182.850 0.22702 0.44238
16 42.222 184.850 0.27679 0.52181
17 44.444 186.850 0.34315 0.60505
18 46.667 188.850 0.41682 0.68754
19 48.889 190.850 0.51828 0.76424
20 51.111 192.850 0.65742 0.83082
21 53.333 194.850 0.78266 0.88467
22 55.556 196.850 0.86769 0.92529
23 57.778 198.850 0.94373 0.95398

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24	25.000	199.850	0.40596	0.45158
25	26.000	201.850	0.49225	0.51986
26	27.000	203.850	0.60738	0.59143
27	28.000	205.850	0.71921	0.66341
28	29.000	207.850	0.80500	0.73247
29	30.000	209.850	0.86940	0.79538
30	31.000	211.850	0.91219	0.84965
31	32.000	213.850	0.94586	0.89394
32	33.000	215.850	0.96616	0.92817
33	34.000	217.850	0.98786	0.95329
34	34.500	218.850	0.99747	0.96289
35	35.000	219.850	0.99850	0.97082
36	36.000	221.850	1.00000	0.98249
37	37.000	223.850	1.00000	0.98991
38	38.000	225.850	1.00000	0.99442

#SCAN: 4 3_e_14_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	5.556	151.850	0.0	1.07578E-2
2	11.111	156.850	1.04319E-2	2.66719E-2
3	13.333	158.850	1.89285E-2	3.51560E-2
4	15.556	160.850	3.36954E-2	4.52618E-2
5	17.778	162.850	4.48396E-2	5.73586E-2
6	20.000	164.850	6.12962E-2	7.19069E-2
7	22.222	166.850	7.65936E-2	8.94779E-2
8	24.444	168.850	0.10256	0.11077
9	26.667	170.850	0.12214	0.13663
10	28.889	172.850	0.15253	0.16804
11	31.111	174.850	0.19119	0.20609
12	33.333	176.850	0.23824	0.25189
13	35.556	178.850	0.28300	0.30637
14	37.778	180.850	0.32950	0.37000
15	40.000	182.850	0.39135	0.44238
16	42.222	184.850	0.47282	0.52181
17	44.444	186.850	0.60161	0.60505
18	46.667	188.850	0.72460	0.68754
19	48.889	190.850	0.84311	0.76424
20	51.111	192.850	0.90289	0.83082
21	53.333	194.850	0.95059	0.88467
22	55.556	196.850	0.98046	0.92529
23	57.778	198.850	0.98945	0.95398
24	60.000	200.850	0.99565	0.97302
25	62.222	202.850	0.99831	0.98494
26	66.667	206.850	1.00000	0.99596
27	72.222	211.850	1.00000	0.99942

#SCAN: 7 3_e_20_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	20.000	136.850	0.0	1.74972E-2
2	30.000	141.850	4.87158E-2	3.27574E-2
3	40.000	146.850	1.73577E-2	5.59744E-2
4	50.000	151.850	4.40790E-2	9.23593E-2
5	56.000	154.850	7.30466E-2	0.12401
6	60.000	156.850	9.70431E-2	0.15083
7	64.000	158.850	0.12643	0.18337
8	68.000	160.850	0.15064	0.22273
9	72.000	162.850	0.18431	0.27003
10	76.000	164.850	0.22480	0.32615
11	80.000	166.850	0.26827	0.39146
12	84.000	168.850	0.33189	0.46536
13	88.000	170.850	0.40137	0.54586
14	92.000	172.850	0.47146	0.62937
15	96.000	174.850	0.54750	0.71107
16	100.000	176.850	0.62421	0.78581
17	104.000	178.850	0.69349	0.84945
18	108.000	180.850	0.74982	0.89978
19	112.000	182.850	0.80255	0.93681
20	116.000	184.850	0.85161	0.96225
21	120.000	186.850	0.89559	0.97862
22	124.000	188.850	0.93165	0.98853
23	128.000	190.850	0.95415	0.99417
24	132.000	192.850	0.96571	0.99720

24	27.500	191.850	0.43728	0.27395
25	28.500	193.850	0.53420	0.31929
26	29.500	195.850	0.63056	0.37098
27	30.500	197.850	0.72356	0.42893
28	31.500	199.850	0.79930	0.49241
29	32.500	201.850	0.85613	0.55997
30	33.500	203.850	0.89942	0.62937
31	34.500	205.850	0.94305	0.69776
32	35.500	207.850	0.96866	0.76209
33	36.500	209.850	0.98311	0.81962
34	37.500	211.850	0.98981	0.86844
35	38.500	213.850	0.99587	0.90776
36	39.500	215.850	0.99826	0.93782
37	40.500	217.850	1.00000	0.95970
38	41.500	219.850	1.00000	0.97489
39	42.000	220.850	1.00000	0.98046

#SCAN: 5 3_e_15_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	5.556	151.850	0.0	1.07578E-2
2	11.111	156.850	1.44755E-2	2.66719E-2
3	13.333	158.850	2.56857E-2	3.51560E-2
4	15.556	160.850	3.54188E-2	4.52618E-2
5	17.778	162.850	5.19273E-2	5.73586E-2
6	20.000	164.850	7.25218E-2	7.19069E-2
7	22.222	166.850	9.46267E-2	8.94779E-2
8	24.444	168.850	0.13020	0.11077
9	26.667	170.850	0.15942	0.13663
10	28.889	172.850	0.20096	0.16804
11	31.111	174.850	0.24285	0.20609
12	33.333	176.850	0.30132	0.25189
13	35.556	178.850	0.35895	0.30637
14	37.778	180.850	0.43207	0.37000
15	40.000	182.850	0.49623	0.44238
16	42.222	184.850	0.56781	0.52181
17	44.444	186.850	0.67729	0.60505
18	46.667	188.850	0.77799	0.68754
19	48.889	190.850	0.86281	0.76424
20	51.111	192.850	0.92034	0.83082
21	53.333	194.850	0.94881	0.88467
22	55.556	196.850	0.97467	0.92529
23	57.778	198.850	0.98795	0.95398
24	60.000	200.850	0.99419	0.97302
25	62.222	202.850	0.99686	0.98494
26	66.667	206.850	1.00000	0.99596
27	72.222	211.850	1.00000	0.99942

#SCAN: 8 3_e_21_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	20.000	136.850	8.22609E-3	1.74972E-2
2	30.000	141.850	2.17489E-2	3.27574E-2
3	40.000	146.850	5.30803E-2	5.59744E-2
4	50.000	151.850	0.10413	9.23593E-2
5	56.000	154.850	0.14998	0.12401
6	60.000	156.850	0.17938	0.15083
7	64.000	158.850	0.21679	0.18337
8	68.000	160.850	0.26718	0.22273
9	72.000	162.850	0.32076	0.27003
10	76.000	164.850	0.39175	0.32615
11	80.000	166.850	0.46207	0.39146
12	84.000	168.850	0.53039	0.46536
13	88.000	170.850	0.60194	0.54586
14	92.000	172.850	0.67811	0.62937
15	96.000	174.850	0.74559	0.71107
16	100.000	176.850	0.81097	0.78581
17	104.000	178.850	0.87422	0.84945
18	108.000	180.850	0.91908	0.89978
19	112.000	182.850	0.95751	0.93681
20	116.000	184.850	0.97989	0.96225
21	120.000	186.850	0.98738	0.97862
22	124.000	188.850	0.99351	0.98853
23	128.000	190.850	0.99414	0.99417
24	132.000	192.850	0.99473	0.99720

24	60.000	200.850	0.97044	0.97302
25	62.222	202.850	0.98827	0.98494
26	66.667	206.850	0.99830	0.99596
27	72.222	211.850	1.00000	0.99942

#SCAN: 6 3_e_10_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	136.850	0.0	5.00083E-5
1	5.556	141.850	0.0	6.53212E-3
2	11.111	146.850	7.25072E-3	1.56911E-2
3	16.667	151.850	1.84205E-2	2.88932E-2
4	22.222	156.850	3.23618E-2	4.83816E-2
5	24.444	158.850	4.32321E-2	5.87069E-2
6	26.667	160.850	5.77511E-2	7.09479E-2
7	28.889	162.850	6.74261E-2	8.55186E-2
8	31.111	164.850	7.97484E-2	0.10292
9	33.333	166.850	9.08947E-2	0.12378
10	35.556	168.850	0.10992	0.14881
11	37.778	170.850	0.12780	0.17885
12	40.000	172.850	0.14846	0.21482
13	42.222	174.850	0.17193	0.25766
14	44.444	176.850	0.20352	0.30819
15	46.667	178.850	0.23803	0.36686
16	48.889	180.850	0.28216	0.43350
17	51.111	182.850	0.32934	0.50694
18	53.333	184.850	0.38767	0.58475
19	55.556	186.850	0.46809	0.66336
20	57.778	188.850	0.55732	0.73845
21	60.000	190.850	0.65546	0.80590
22	62.222	192.850	0.75443	0.86267
23	64.444	194.850	0.85147	0.90743
24	66.667	196.850	0.91348	0.94054
25	68.889	198.850	0.95936	0.96359
26	71.111	200.850	0.98474	0.97874
27	73.333	202.850	0.99285	0.98816
28	77.778	206.850	1.00000	0.99683

#SCAN: 9 3_e_22_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	12.000	129.850	2.87689E-3	8.23205E-3
2	20.000	131.850	8.99112E-3	1.50885E-2
3	28.000	133.850	1.15408E-2	2.33954E-2
4	36.000	135.850	1.65654E-2	3.35278E-2
5	44.000	137.850	3.02174E-2	4.59718E-2
6	52.000	139.850	5.00378E-2	6.13566E-2
7	60.000	141.850	8.21814E-2	8.04937E-2
8	68.000	143.850	0.12681	0.10442
9	76.000	145.850	0.19027	0.13442
10	84.000	147.850	0.30109	0.17203
11	92.000	149.850	0.42161	0.21900
12	100.000	151.850	0.54947	0.27698
13	108.000	153.850	0.65605	0.34714
14	116.000	155.850	0.73475	0.42937
15	124.000	157.850	0.79526	0.52145
16	132.000	159.850	0.84996	0.61839
17	140.000	161.850	0.89495	0.71301
18	148.000	163.850	0.93280	0.79763
19	156.000	165.850	0.96555	0.86660
20	164.000	167.850	0.98065	0.91781
21	172.000	169.850	0.98678	0.95262
22	180.000	171.850	0.99162	0.97441
23	196.000	175.850	1.00000	0.99385
24	204.000	177.850	1.00000	0.99727

25	136.000	194.850	0.97313	0.99874
26	140.000	196.850	0.97919	0.99946
27	144.000	198.850	0.98526	0.99979
28	148.000	200.850	0.98992	0.99992
29	152.000	202.850	0.99246	0.99997
30	156.000	204.850	0.99716	0.99999
31	160.000	206.850	0.99962	1.00000
32	164.000	208.850	1.00000	1.00000
33	170.000	211.850	1.00000	1.00000

#SCAN:10 3_e_23_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	20.000	131.850	0.0	1.50885E-2
2	36.000	135.850	1.68402E-3	3.35278E-2
3	44.000	137.850	3.31896E-3	4.59718E-2
4	52.000	139.850	8.64277E-3	6.13566E-2
5	60.000	141.850	2.26322E-2	8.04937E-2
6	68.000	143.850	3.92156E-2	0.10442
7	76.000	145.850	6.34427E-2	0.13442
8	84.000	147.850	9.28797E-2	0.17203
9	92.000	149.850	0.14392	0.21900
10	100.000	151.850	0.20804	0.27698
11	108.000	153.850	0.28543	0.34714
12	116.000	155.850	0.38007	0.42937
13	124.000	157.850	0.46408	0.52145
14	132.000	159.850	0.54756	0.61839
15	140.000	161.850	0.63825	0.71301
16	148.000	163.850	0.72211	0.79763
17	156.000	165.850	0.79472	0.86660
18	164.000	167.850	0.85632	0.91781
19	172.000	169.850	0.90400	0.95262
20	180.000	171.850	0.94548	0.97441
21	188.000	173.850	0.97270	0.98704
22	196.000	175.850	0.98549	0.99385
23	204.000	177.850	0.99166	0.99727
24	220.000	181.850	1.00000	0.99957
25	240.000	186.850	1.00000	0.99997
26	260.000	191.850	1.00000	1.00000

#Project:3_model_experimental

#Meas. type:ALPHA

#Model Step 1: Prout-Tompkins n-th order,a autocat

#STATISTICS

#Least Squares: 370.83646

#Mean of residues: 1.10266

#Max.No of cycles: 50

#Number of cycles: 4

#Correlation coefficient: 0.967709

#Rel.precision:0.001000

#t-critical(0.95;259): 1.960

#Durbin-Watson Value: 0.071

#Durbin-Watson Factor: 3.787

#SCAN: 1 3_e_18_2.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	149.850	0.0	5.00083E-5
1	1.000	151.850	0.0	2.38536E-4
2	2.000	153.850	0.0	6.16289E-4
3	3.500	156.850	3.18808E-3	1.67044E-3
4	4.500	158.850	6.37551E-3	2.80734E-3
5	6.000	161.850	1.34841E-2	5.40008E-3
6	7.000	163.850	1.67495E-2	7.89275E-3
7	8.000	165.850	2.13624E-2	1.11646E-2
8	9.000	167.850	2.96424E-2	1.53893E-2
9	10.000	169.850	3.81380E-2	2.07704E-2
10	11.000	171.850	4.53881E-2	2.75445E-2
11	12.000	173.850	5.27063E-2	3.59845E-2
12	13.000	175.850	5.87618E-2	4.64012E-2
13	14.000	177.850	7.15165E-2	5.91438E-2
14	15.000	179.850	8.03791E-2	7.45985E-2
15	16.000	181.850	9.33334E-2	9.31837E-2
16	17.000	183.850	0.10640	0.11534
17	18.000	185.850	0.12635	0.14152
18	19.000	187.850	0.14782	0.17216

25	136.000	194.850	0.99667	0.99874
26	140.000	196.850	1.00000	0.99946

#SCAN: 2 3_e_19_2.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	136.850	0.0	5.00083E-5
1	2.500	141.850	0.0	3.72956E-4
2	5.500	147.850	0.0	1.52327E-3
3	6.500	149.850	0.0	2.21383E-3
4	7.500	151.850	2.79292E-3	3.12525E-3
5	8.500	153.850	5.72263E-3	4.31100E-3
6	9.000	154.850	8.50261E-3	5.02637E-3
7	10.000	156.850	1.39483E-2	6.74818E-3
8	11.000	158.850	1.82383E-2	8.92992E-3
9	12.000	160.850	2.25526E-2	1.16720E-2
10	13.500	163.850	3.48615E-2	1.71025E-2
11	14.500	165.850	4.20629E-2	2.18141E-2
12	15.500	167.850	5.06459E-2	2.76024E-2
13	16.500	169.850	6.16290E-2	3.46730E-2
14	17.500	171.850	7.67669E-2	4.32626E-2
15	18.500	173.850	8.80960E-2	5.36402E-2
16	19.500	175.850	0.10611	6.61084E-2
17	20.500	177.850	0.12561	8.10027E-2
18	21.500	179.850	0.15192	9.86879E-2

#SCAN: 3 3_e_13_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	5.556	151.850	0.0	2.69807E-3
2	11.111	156.850	1.50892E-2	1.22077E-2
3	13.333	158.850	2.08526E-2	1.90779E-2
4	15.556	160.850	2.89400E-2	2.83475E-2
5	17.778	162.850	3.59631E-2	4.05393E-2
6	20.000	164.850	4.68866E-2	5.62414E-2
7	22.222	166.850	5.53371E-2	7.60993E-2
8	24.444	168.850	6.90348E-2	0.10080
9	26.667	170.850	8.15525E-2	0.13103
10	28.889	172.850	0.10332	0.16745
11	31.111	174.850	0.11872	0.21061
12	33.333	176.850	0.14216	0.26086
13	35.556	178.850	0.15786	0.31829
14	37.778	180.850	0.19362	0.38254
15	40.000	182.850	0.22702	0.45275
16	42.222	184.850	0.27679	0.52745
17	44.444	186.850	0.34315	0.60453
18	46.667	188.850	0.41682	0.68131

19	20.000	189.850	0.18176	0.20764
20	21.000	191.850	0.21187	0.24828
21	22.000	193.850	0.25050	0.29424
22	23.000	195.850	0.28807	0.34551
23	24.000	197.850	0.34816	0.40181
24	25.000	199.850	0.40596	0.46254
25	26.000	201.850	0.49225	0.52676
26	27.000	203.850	0.60738	0.59312
27	28.000	205.850	0.71921	0.65992
28	29.000	207.850	0.80500	0.72517
29	30.000	209.850	0.86940	0.78670
30	31.000	211.850	0.91219	0.84242
31	32.000	213.850	0.94586	0.89048
32	33.000	215.850	0.96616	0.92956
33	34.000	217.850	0.98786	0.95910
34	34.500	218.850	0.99747	0.97035
35	35.000	219.850	0.99850	0.97940
36	36.000	221.850	1.00000	0.99160
37	37.000	223.850	1.00000	0.99760
38	38.000	225.850	1.00000	0.99967

#SCAN: 4 3_e_14_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	5.556	151.850	0.0	2.69807E-3
2	11.111	156.850	1.04319E-2	1.22077E-2
3	13.333	158.850	1.89285E-2	1.90779E-2
4	15.556	160.850	3.36954E-2	2.83475E-2
5	17.778	162.850	4.48396E-2	4.05393E-2
6	20.000	164.850	6.12962E-2	5.62414E-2
7	22.222	166.850	7.65936E-2	7.60993E-2
8	24.444	168.850	0.10256	0.10080
9	26.667	170.850	0.12214	0.13103
10	28.889	172.850	0.15253	0.16745
11	31.111	174.850	0.19119	0.21061
12	33.333	176.850	0.23824	0.26086
13	35.556	178.850	0.28300	0.31829
14	37.778	180.850	0.32950	0.38254
15	40.000	182.850	0.39135	0.45275
16	42.222	184.850	0.47282	0.52745
17	44.444	186.850	0.60161	0.60453
18	46.667	188.850	0.72460	0.68131
19	48.889	190.850	0.84311	0.75474
20	51.111	192.850	0.90289	0.82167
21	53.333	194.850	0.95059	0.87926
22	55.556	196.850	0.98046	0.92547
23	57.778	198.850	0.98945	0.95940
24	60.000	200.850	0.99565	0.98151
25	62.222	202.850	0.99831	0.99366
26	66.667	206.850	1.00000	0.99993
27	72.222	211.850	1.00000	1.00000

#SCAN: 7 3_e_20_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	20.000	136.850	0.0	6.04126E-3
2	30.000	141.850	4.87158E-3	1.69602E-2
3	40.000	146.850	1.73577E-2	3.89233E-2
4	50.000	151.850	4.40790E-2	7.90793E-2
5	56.000	154.850	7.30466E-2	0.11581
6	60.000	156.850	9.70431E-2	0.14698
7	64.000	158.850	0.12643	0.18428
8	68.000	160.850	0.15064	0.22826
9	72.000	162.850	0.18431	0.27930
10	76.000	164.850	0.22480	0.33746
11	80.000	166.850	0.26827	0.40240
12	84.000	168.850	0.33189	0.47322
13	88.000	170.850	0.40137	0.54837
14	92.000	172.850	0.47146	0.62562
15	96.000	174.850	0.54750	0.70215
16	100.000	176.850	0.62421	0.77472
17	104.000	178.850	0.69349	0.84004
18	108.000	180.850	0.74982	0.89522
19	112.000	182.850	0.80255	0.93832

19	22.500	181.850	0.17845	0.11955
20	23.500	183.850	0.21594	0.14400
21	24.500	185.850	0.24970	0.17242
22	25.500	187.850	0.29998	0.20518
23	26.500	189.850	0.35748	0.24261
24	27.500	191.850	0.43728	0.28490
25	28.500	193.850	0.53420	0.33214
26	29.500	195.850	0.63056	0.38418
27	30.500	197.850	0.72356	0.44064
28	31.500	199.850	0.79930	0.50084
29	32.500	201.850	0.85613	0.56376
30	33.500	203.850	0.89942	0.62802
31	34.500	205.850	0.94305	0.69194
32	35.500	207.850	0.96866	0.75361
33	36.500	209.850	0.98311	0.81104
34	37.500	211.850	0.98981	0.86234
35	38.500	213.850	0.99587	0.90593
36	39.500	215.850	0.99826	0.94078
37	40.500	217.850	1.00000	0.96658
38	41.500	219.850	1.00000	0.98383
39	42.000	220.850	1.00000	0.98962

#SCAN: 5 3_e_15_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	5.556	151.850	0.0	2.69807E-3
2	11.111	156.850	1.44755E-2	1.22077E-2
3	13.333	158.850	2.56857E-2	1.90779E-2
4	15.556	160.850	3.54188E-2	2.83475E-2
5	17.778	162.850	5.19273E-2	4.05393E-2
6	20.000	164.850	7.25218E-2	5.62414E-2
7	22.222	166.850	9.46267E-2	7.60993E-2
8	24.444	168.850	0.13020	0.10080
9	26.667	170.850	0.15942	0.13103
10	28.889	172.850	0.20096	0.16745
11	31.111	174.850	0.24285	0.21061
12	33.333	176.850	0.30132	0.26086
13	35.556	178.850	0.35895	0.31829
14	37.778	180.850	0.43207	0.38254
15	40.000	182.850	0.49623	0.45275
16	42.222	184.850	0.56781	0.52745
17	44.444	186.850	0.67729	0.60453
18	46.667	188.850	0.77799	0.68131
19	48.889	190.850	0.86281	0.75474
20	51.111	192.850	0.92034	0.82167
21	53.333	194.850	0.94881	0.87926
22	55.556	196.850	0.97467	0.92547
23	57.778	198.850	0.98795	0.95940
24	60.000	200.850	0.99419	0.98151
25	62.222	202.850	0.99686	0.99366
26	66.667	206.850	1.00000	0.99993
27	72.222	211.850	1.00000	1.00000

#SCAN: 8 3_e_21_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	20.000	136.850	8.22609E-3	6.04129E-3
2	30.000	141.850	2.17489E-2	1.69603E-2
3	40.000	146.850	5.30803E-2	3.89234E-2
4	50.000	151.850	0.10413	7.90794E-2
5	56.000	154.850	0.14998	0.11581
6	60.000	156.850	0.17938	0.14698
7	64.000	158.850	0.21679	0.18428
8	68.000	160.850	0.26718	0.22826
9	72.000	162.850	0.32076	0.27930
10	76.000	164.850	0.39175	0.33746
11	80.000	166.850	0.46207	0.40240
12	84.000	168.850	0.53039	0.47322
13	88.000	170.850	0.60194	0.54837
14	92.000	172.850	0.67811	0.62562
15	96.000	174.850	0.74559	0.70215
16	100.000	176.850	0.81097	0.77472
17	104.000	178.850	0.87422	0.84004
18	108.000	180.850	0.91908	0.89522
19	112.000	182.850	0.95751	0.93832

19	48.889	190.850	0.51828	0.75474
20	51.111	192.850	0.65742	0.82167
21	53.333	194.850	0.78266	0.87926
22	55.556	196.850	0.86769	0.92547
23	57.778	198.850	0.94373	0.95940
24	60.000	200.850	0.97044	0.98151
25	62.222	202.850	0.98827	0.99366
26	66.667	206.850	0.99830	0.99993
27	72.222	211.850	1.00000	1.00000

#SCAN: 6 3_e_10_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	136.850	0.0	5.00083E-5
1	5.556	141.850	0.0	1.20312E-3
2	11.111	146.850	7.25072E-3	5.04882E-3
3	16.667	151.850	1.84205E-2	1.38840E-2
4	22.222	156.850	3.23618E-2	3.13423E-2
5	24.444	158.850	4.32321E-2	4.18880E-2
6	26.667	160.850	5.77511E-2	5.50983E-2
7	28.889	162.850	6.74261E-2	7.14656E-2
8	31.111	164.850	7.97484E-2	9.15287E-2
9	33.333	166.850	9.08947E-2	0.11586
10	35.556	168.850	0.10992	0.14504
11	37.778	170.850	0.12780	0.17963
12	40.000	172.850	0.14846	0.22011
13	42.222	174.850	0.17193	0.26682
14	44.444	176.850	0.20352	0.31990
15	46.667	178.850	0.23803	0.37915
16	48.889	180.850	0.28216	0.44397
17	51.111	182.850	0.32934	0.51328
18	53.333	184.850	0.38767	0.58546
19	55.556	186.850	0.46809	0.65837
20	57.778	188.850	0.55732	0.72945
21	60.000	190.850	0.65546	0.79592
22	62.222	192.850	0.75443	0.85509
23	64.444	194.850	0.85147	0.90470
24	66.667	196.850	0.91348	0.94333
25	68.889	198.850	0.95936	0.97066
26	71.111	200.850	0.98474	0.98763
27	73.333	202.850	0.99285	0.99628
28	77.778	206.850	1.00000	0.99999

#SCAN: 9 3_e_22_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	12.000	129.850	2.87689E-3	1.73358E-3
2	20.000	131.850	8.99112E-3	4.71352E-3
3	28.000	133.850	1.15408E-2	9.78598E-3
4	36.000	135.850	1.65654E-2	1.75867E-2
5	44.000	137.850	3.02174E-2	2.88686E-2
6	52.000	139.850	5.00378E-2	4.45046E-2
7	60.000	141.850	8.21814E-2	6.54777E-2
8	68.000	143.850	0.12681	9.28512E-2
9	76.000	145.850	0.19027	0.12771
10	84.000	147.850	0.30109	0.17107
11	92.000	149.850	0.42161	0.22374
12	100.000	151.850	0.54947	0.28611
13	108.000	153.850	0.65605	0.35797
14	116.000	155.850	0.73475	0.43826
15	124.000	157.850	0.79526	0.52485
16	132.000	159.850	0.84996	0.61451
17	140.000	161.850	0.89495	0.70304
18	148.000	163.850	0.93280	0.78564
19	156.000	165.850	0.96555	0.85764

20	116.000	184.850	0.85161	0.96870
21	120.000	186.850	0.89559	0.98729
22	124.000	188.850	0.93165	0.99646
23	128.000	190.850	0.95415	0.99955
24	132.000	192.850	0.96571	1.00000
25	136.000	194.850	0.97313	1.00000
26	140.000	196.850	0.97919	1.00000
27	144.000	198.850	0.98526	1.00000
28	148.000	200.850	0.98992	1.00000
29	152.000	202.850	0.99246	1.00000
30	156.000	204.850	0.99716	1.00000
31	160.000	206.850	0.99962	1.00000
32	164.000	208.850	1.00000	1.00000
33	170.000	211.850	1.00000	1.00000

#SCAN:10 3_e_23_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	20.000	131.850	0.0	4.71359E-3
2	36.000	135.850	1.68402E-3	1.75869E-2
3	44.000	137.850	3.31896E-3	2.88689E-2
4	52.000	139.850	8.64277E-3	4.45049E-2
5	60.000	141.850	2.26322E-2	6.54781E-2
6	68.000	143.850	3.92156E-2	9.28517E-2
7	76.000	145.850	6.34427E-2	0.12771
8	84.000	147.850	9.28797E-2	0.17107
9	92.000	149.850	0.14392	0.22374
10	100.000	151.850	0.20804	0.28611
11	108.000	153.850	0.28543	0.35797
12	116.000	155.850	0.38007	0.43826
13	124.000	157.850	0.46408	0.52485
14	132.000	159.850	0.54756	0.61452
15	140.000	161.850	0.63825	0.70304
16	148.000	163.850	0.72211	0.78564
17	156.000	165.850	0.79472	0.85764
18	164.000	167.850	0.85632	0.91532
19	172.000	169.850	0.90400	0.95679
20	180.000	171.850	0.94548	0.98247
21	188.000	173.850	0.97270	0.99519
22	196.000	175.850	0.98549	0.99943
23	204.000	177.850	0.99166	1.00000
24	220.000	181.850	1.00000	1.00000
25	240.000	186.850	1.00000	1.00000
26	260.000	191.850	1.00000	1.00000

#Project:3_model_experimental

#Meas. type:ALPHA

#Model Step 1: n-th order with autocatalysis by B

#STATISTICS

#Least Squares: 371.92386

#Mean of residues: 1.10427

#Max.No of cycles: 50

#Number of cycles: 2

#Correlation coefficient: 0.967631

#Rel.precision:0.001000

#t-critical(0.95;259): 1.960

#Durbin-Watson Value: 0.068

#Durbin-Watson Factor: 3.882

#SCAN: 1 3_e_18_2.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	149.850	0.0	5.00083E-5
1	1.000	151.850	0.0	1.88236E-3
2	2.000	153.850	0.0	3.95625E-3
3	3.500	156.850	3.18808E-3	7.60208E-3
4	4.500	158.850	6.37551E-3	1.04555E-2
5	6.000	161.850	1.34841E-2	1.55116E-2
6	7.000	163.850	1.67495E-2	1.95028E-2
7	8.000	165.850	2.13624E-2	2.40918E-2
8	9.000	167.850	2.96424E-2	2.93860E-2
9	10.000	169.850	3.81380E-2	3.55155E-2
10	11.000	171.850	4.53881E-2	4.26382E-2
11	12.000	173.850	5.27063E-2	5.09464E-2
12	13.000	175.850	5.87618E-2	6.06742E-2
13	14.000	177.850	7.15165E-2	7.21066E-2
14	15.000	179.850	8.03791E-2	8.55889E-2

20	116.000	184.850	0.97989	0.96870
21	120.000	186.850	0.98738	0.98729
22	124.000	188.850	0.99351	0.99646
23	128.000	190.850	0.99414	0.99955
24	132.000	192.850	0.99473	1.00000
25	136.000	194.850	0.99667	1.00000
26	140.000	196.850	1.00000	1.00000

20	164.000	167.850	0.98065	0.91532
21	172.000	169.850	0.98678	0.95679
22	180.000	171.850	0.99162	0.98247
23	196.000	175.850	1.00000	0.99943
24	204.000	177.850	1.00000	1.00000

#SCAN: 2 3_e_19_2.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	136.850	0.0	5.00083E-5
1	2.500	141.850	0.0	2.73834E-3
2	5.500	147.850	0.0	7.18830E-3
3	6.500	149.850	0.0	9.06100E-3
4	7.500	151.850	2.79292E-3	1.11753E-2
5	8.500	153.850	5.72263E-3	1.35667E-2
6	9.000	154.850	8.50261E-3	1.48791E-2
7	10.000	156.850	1.39483E-2	1.77666E-2
8	11.000	158.850	1.82383E-2	2.10500E-2
9	12.000	160.850	2.25526E-2	2.47930E-2
10	13.500	163.850	3.48615E-2	3.14389E-2
11	14.500	165.850	4.20629E-2	3.66961E-2
12	15.500	167.850	5.06459E-2	4.27507E-2
13	16.500	169.850	6.16290E-2	4.97468E-2
14	17.500	171.850	7.67669E-2	5.78581E-2

#SCAN: 3 3_e_13_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	5.556	151.850	0.0	1.02148E-2
2	11.111	156.850	1.50892E-2	2.54822E-2
3	13.333	158.850	2.08526E-2	3.36885E-2
4	15.556	160.850	2.89400E-2	4.35162E-2
5	17.778	162.850	3.59631E-2	5.53477E-2
6	20.000	164.850	4.68866E-2	6.96626E-2
7	22.222	166.850	5.53371E-2	8.70589E-2
8	24.444	168.850	6.90348E-2	0.10827
9	26.667	170.850	8.15525E-2	0.13420
10	28.889	172.850	0.10332	0.16587
11	31.111	174.850	0.11872	0.20443
12	33.333	176.850	0.14216	0.25102
13	35.556	178.850	0.15786	0.30656
14	37.778	180.850	0.19362	0.37142

15	16.000	181.850	9.33334E-2	0.10154
16	17.000	183.850	0.10640	0.12045
17	18.000	185.850	0.12635	0.14291
18	19.000	187.850	0.14782	0.16958
19	20.000	189.850	0.18176	0.20120
20	21.000	191.850	0.21187	0.23851
21	22.000	193.850	0.25050	0.28220
22	23.000	195.850	0.28807	0.33275
23	24.000	197.850	0.34816	0.39024
24	25.000	199.850	0.40596	0.45410
25	26.000	201.850	0.49225	0.52298
26	27.000	203.850	0.60738	0.59459
27	28.000	205.850	0.71921	0.66591
28	29.000	207.850	0.80500	0.73365
29	30.000	209.850	0.86940	0.79479
30	31.000	211.850	0.91219	0.84721
31	32.000	213.850	0.94586	0.88995
32	33.000	215.850	0.96616	0.92320
33	34.000	217.850	0.98786	0.94796
34	34.500	218.850	0.99747	0.95761
35	35.000	219.850	0.99850	0.96569
36	36.000	221.850	1.00000	0.97796
37	37.000	223.850	1.00000	0.98618
38	38.000	225.850	1.00000	0.99153

#SCAN: 4 3_e_14_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	5.556	151.850	0.0	1.02148E-2
2	11.111	156.850	1.04319E-2	2.54822E-2
3	13.333	158.850	1.89285E-2	3.36885E-2
4	15.556	160.850	3.36954E-2	4.35162E-2
5	17.778	162.850	4.48396E-2	5.53477E-2
6	20.000	164.850	6.12962E-2	6.96626E-2
7	22.222	166.850	7.65936E-2	8.70589E-2
8	24.444	168.850	0.10256	0.10827
9	26.667	170.850	0.12214	0.13420
10	28.889	172.850	0.15253	0.16587
11	31.111	174.850	0.19119	0.20443
12	33.333	176.850	0.23824	0.25102
13	35.556	178.850	0.28300	0.30656
14	37.778	180.850	0.32950	0.37142
15	40.000	182.850	0.39135	0.44496
16	42.222	184.850	0.47282	0.52513
17	44.444	186.850	0.60161	0.60834
18	46.667	188.850	0.72460	0.68986
19	48.889	190.850	0.84311	0.76478
20	51.111	192.850	0.90289	0.82921
21	53.333	194.850	0.95059	0.88112
22	55.556	196.850	0.98046	0.92048
23	57.778	198.850	0.98945	0.94872
24	60.000	200.850	0.99565	0.96802
25	62.222	202.850	0.99831	0.98066
26	66.667	206.850	1.00000	0.99350
27	72.222	211.850	1.00000	0.99856

#SCAN: 7 3_e_20_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	20.000	136.850	0.0	1.66660E-2
2	30.000	141.850	4.87158E-3	3.13782E-2
3	40.000	146.850	1.73577E-2	5.40159E-2
4	50.000	151.850	4.40790E-2	8.99664E-2
5	56.000	154.850	7.30466E-2	0.12159
6	60.000	156.850	9.70431E-2	0.14857
7	64.000	158.850	0.12643	0.18147
8	68.000	160.850	0.15064	0.22146
9	72.000	162.850	0.18431	0.26965
10	76.000	164.850	0.22480	0.32691
11	80.000	166.850	0.26827	0.39346
12	84.000	168.850	0.33189	0.46844
13	88.000	170.850	0.40137	0.54950
14	92.000	172.850	0.47146	0.63272
15	96.000	174.850	0.54750	0.71315

15	18.500	173.850	8.80960E-2	6.72944E-2
16	19.500	175.850	0.10611	7.83091E-2
17	20.500	177.850	0.12561	9.12069E-2
18	21.500	179.850	0.15192	0.10635
19	22.500	181.850	0.17845	0.12418
20	23.500	183.850	0.21594	0.14520
21	24.500	185.850	0.24970	0.16998
22	25.500	187.850	0.29998	0.19918
23	26.500	189.850	0.35748	0.23345
24	27.500	191.850	0.43728	0.27344
25	28.500	193.850	0.53420	0.31965
26	29.500	195.850	0.63056	0.37232
27	30.500	197.850	0.72356	0.43119
28	31.500	199.850	0.79930	0.49539
29	32.500	201.850	0.85613	0.56324
30	33.500	203.850	0.89942	0.63232
31	34.500	205.850	0.94305	0.69973
32	35.500	207.850	0.96866	0.76253
33	36.500	209.850	0.98311	0.81826
34	37.500	211.850	0.98981	0.86536
35	38.500	213.850	0.99587	0.90335
36	39.500	215.850	0.99826	0.93267
37	40.500	217.850	1.00000	0.95439
38	41.500	219.850	1.00000	0.96991
39	42.000	220.850	1.00000	0.97579

#SCAN: 5 3_e_15_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	5.556	151.850	0.0	1.02148E-2
2	11.111	156.850	1.44755E-2	2.54822E-2
3	13.333	158.850	2.56857E-2	3.36885E-2
4	15.556	160.850	3.54188E-2	4.35162E-2
5	17.778	162.850	5.19273E-2	5.53477E-2
6	20.000	164.850	7.25218E-2	6.96626E-2
7	22.222	166.850	9.46267E-2	8.70589E-2
8	24.444	168.850	0.13020	0.10827
9	26.667	170.850	0.15942	0.13420
10	28.889	172.850	0.20096	0.16587
11	31.111	174.850	0.24285	0.20443
12	33.333	176.850	0.30132	0.25102
13	35.556	178.850	0.35895	0.30656
14	37.778	180.850	0.43207	0.37142
15	40.000	182.850	0.49623	0.44496
16	42.222	184.850	0.56781	0.52513
17	44.444	186.850	0.67729	0.60834
18	46.667	188.850	0.77799	0.68986
19	48.889	190.850	0.86281	0.76478
20	51.111	192.850	0.92034	0.82921
21	53.333	194.850	0.94881	0.88112
22	55.556	196.850	0.97467	0.92048
23	57.778	198.850	0.98795	0.94872
24	60.000	200.850	0.99419	0.96802
25	62.222	202.850	0.99686	0.98066
26	66.667	206.850	1.00000	0.99350
27	72.222	211.850	1.00000	0.99856

#SCAN: 8 3_e_21_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	20.000	136.850	8.22609E-3	1.66660E-2
2	30.000	141.850	2.17489E-2	3.13782E-2
3	40.000	146.850	5.30803E-2	5.40159E-2
4	50.000	151.850	0.10413	8.99664E-2
5	56.000	154.850	0.14998	0.12159
6	60.000	156.850	0.17938	0.14857
7	64.000	158.850	0.21679	0.18147
8	68.000	160.850	0.26718	0.22146
9	72.000	162.850	0.32076	0.26965
10	76.000	164.850	0.39175	0.32691
11	80.000	166.850	0.46207	0.39346
12	84.000	168.850	0.53039	0.46844
13	88.000	170.850	0.60194	0.54950
14	92.000	172.850	0.67811	0.63272
15	96.000	174.850	0.74559	0.71315

15	40.000	182.850	0.22702	0.44496
16	42.222	184.850	0.27679	0.52513
17	44.444	186.850	0.34315	0.60834
18	46.667	188.850	0.41682	0.68986
19	48.889	190.850	0.51828	0.76478
20	51.111	192.850	0.65742	0.82921
21	53.333	194.850	0.78266	0.88112
22	55.556	196.850	0.86769	0.92048
23	57.778	198.850	0.94373	0.94872
24	60.000	200.850	0.97044	0.96802
25	62.222	202.850	0.98827	0.98066
26	66.667	206.850	0.99830	0.99350
27	72.222	211.850	1.00000	0.99856

#SCAN: 6 3_e_10_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	136.850	0.0	5.00083E-5
1	5.556	141.850	0.0	6.19324E-3
2	11.111	146.850	7.25072E-3	1.49313E-2
3	16.667	151.850	1.84205E-2	2.76314E-2
4	22.222	156.850	3.23618E-2	4.65689E-2
5	24.444	158.850	4.32321E-2	5.66802E-2
6	26.667	160.850	5.77511E-2	6.87277E-2
7	28.889	162.850	6.74261E-2	8.31431E-2
8	31.111	164.850	7.97484E-2	0.10046
9	33.333	166.850	9.08947E-2	0.12131
10	35.556	168.850	0.10992	0.14647
11	37.778	170.850	0.12780	0.17683
12	40.000	172.850	0.14846	0.21333
13	42.222	174.850	0.17193	0.25694
14	44.444	176.850	0.20352	0.30846
15	46.667	178.850	0.23803	0.36827
16	48.889	180.850	0.28216	0.43601
17	51.111	182.850	0.32934	0.51022
18	53.333	184.850	0.38767	0.58819
19	55.556	186.850	0.46809	0.66611
20	57.778	188.850	0.55732	0.73972
21	60.000	190.850	0.65546	0.80518
22	62.222	192.850	0.75443	0.85994
23	64.444	194.850	0.85147	0.90315
24	66.667	196.850	0.91348	0.93542
25	68.889	198.850	0.95936	0.95838
26	71.111	200.850	0.98474	0.97400
27	73.333	202.850	0.99285	0.98423
28	77.778	206.850	1.00000	0.99465

#SCAN: 9 3_e_22_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	12.000	129.850	2.87689E-3	7.81222E-3
2	20.000	131.850	8.99112E-3	1.43588E-2
3	28.000	133.850	1.15408E-2	2.23363E-2
4	36.000	135.850	1.65654E-2	3.21280E-2
5	44.000	137.850	3.02174E-2	4.42345E-2
6	52.000	139.850	5.00378E-2	5.93096E-2
7	60.000	141.850	8.21814E-2	7.82019E-2
8	68.000	143.850	0.12681	0.10200
9	76.000	145.850	0.19027	0.13207
10	84.000	147.850	0.30109	0.17004
11	92.000	149.850	0.42161	0.21772
12	100.000	151.850	0.54947	0.27682
13	108.000	153.850	0.65605	0.34841
14	116.000	155.850	0.73475	0.43211
15	124.000	157.850	0.79526	0.52514

16	100.000	176.850	0.62421	0.78590	16	100.000	176.850	0.81097	0.78590	16	132.000	159.850	0.84996	0.62199
17	104.000	178.850	0.69349	0.84733	17	104.000	178.850	0.87422	0.84733	17	140.000	161.850	0.89495	0.71520
18	108.000	180.850	0.74982	0.89584	18	108.000	180.850	0.91908	0.89584	18	148.000	163.850	0.93280	0.79747
19	112.000	182.850	0.80255	0.93183	19	112.000	182.850	0.95751	0.93183	19	156.000	165.850	0.96555	0.86396
20	116.000	184.850	0.85161	0.95707	20	116.000	184.850	0.97989	0.95707	20	164.000	167.850	0.98065	0.91339
21	120.000	186.850	0.89559	0.97391	21	120.000	186.850	0.98738	0.97391	21	172.000	169.850	0.98678	0.94749
22	124.000	188.850	0.93165	0.98466	22	124.000	188.850	0.99351	0.98466	22	180.000	171.850	0.99162	0.96954
23	128.000	190.850	0.95415	0.99125	23	128.000	190.850	0.99414	0.99125	23	196.000	175.850	1.00000	0.99087
24	132.000	192.850	0.96571	0.99516	24	132.000	192.850	0.99473	0.99516	24	204.000	177.850	1.00000	0.99526
25	136.000	194.850	0.97313	0.99740	25	136.000	194.850	0.99667	0.99740					
26	140.000	196.850	0.97919	0.99864	26	140.000	196.850	1.00000	0.99864					
27	144.000	198.850	0.98526	0.99931										
28	148.000	200.850	0.98992	0.99966										
29	152.000	202.850	0.99246	0.99983										
30	156.000	204.850	0.99716	0.99992										
31	160.000	206.850	0.99962	0.99996										
32	164.000	208.850	1.00000	0.99998										
33	170.000	211.850	1.00000	1.00000										

#SCAN:10 3_e_23_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	20.000	131.850	0.0	1.43588E-2
2	36.000	135.850	1.68402E-3	3.21280E-2
3	44.000	137.850	3.31896E-3	4.42345E-2
4	52.000	139.850	8.64277E-3	5.93096E-2
5	60.000	141.850	2.26322E-2	7.82019E-2
6	68.000	143.850	3.92156E-2	0.10200
7	76.000	145.850	6.34427E-2	0.13207
8	84.000	147.850	9.28797E-2	0.17004
9	92.000	149.850	0.14392	0.21772
10	100.000	151.850	0.20804	0.27682
11	108.000	153.850	0.28543	0.34841
12	116.000	155.850	0.38007	0.43211
13	124.000	157.850	0.46408	0.52514
14	132.000	159.850	0.54756	0.62199
15	140.000	161.850	0.63825	0.71520
16	148.000	163.850	0.72211	0.79747
17	156.000	165.850	0.79472	0.86396
18	164.000	167.850	0.85632	0.91339
19	172.000	169.850	0.90400	0.94749
20	180.000	171.850	0.94548	0.96954
21	188.000	173.850	0.97270	0.98302
22	196.000	175.850	0.98549	0.99087
23	204.000	177.850	0.99166	0.99526
24	220.000	181.850	1.00000	0.99884
25	240.000	186.850	1.00000	0.99983
26	260.000	191.850	1.00000	0.99998

#Project:3_model_experimental

#Meas. type:ALPHA

#Model Step 1: 3-dim. Avrami-Erofeev

#STATISTICS

#Least Squares: 454.74057

#Mean of residues: 1.22105

#Max.No of cycles: 50

#Number of cycles: 12

#Correlation coefficient: 0.959279

#Rel.precision:0.001000

#t-critical(0.95;261): 1.960

#Durbin-Watson Value: 0.068

#Durbin-Watson Factor: 3.875

#SCAN: 1 3_e_18_2.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	149.850	0.0	5.00083E-5
1	1.000	151.850	0.0	1.02113E-4
2	2.000	153.850	0.0	1.90407E-4
3	3.500	156.850	3.18808E-3	4.31055E-4
4	4.500	158.850	6.37551E-3	7.02011E-4
5	6.000	161.850	1.34841E-2	1.37044E-3
6	7.000	163.850	1.67495E-2	2.07120E-3
7	8.000	165.850	2.13624E-2	3.06423E-3
8	9.000	167.850	2.96424E-2	4.45189E-3
9	10.000	169.850	3.81380E-2	6.36742E-3
10	11.000	171.850	4.53881E-2	8.98308E-3

#SCAN: 2 3_e_19_2.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	136.850	0.0	5.00083E-5
1	2.500	141.850	0.0	1.38139E-4
2	5.500	147.850	0.0	4.14436E-4
3	6.500	149.850	0.0	5.84840E-4
4	7.500	151.850	2.79292E-3	8.17950E-4
5	8.500	153.850	5.72263E-3	1.13476E-3
6	9.000	154.850	8.50261E-3	1.33285E-3
7	10.000	156.850	1.39483E-2	1.82930E-3
8	11.000	158.850	1.82383E-2	2.49452E-3
9	12.000	160.850	2.25526E-2	3.38141E-3
10	13.500	163.850	3.48615E-2	5.28188E-3

#SCAN: 3 3_e_13_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	5.556	151.850	0.0	6.91508E-4
2	11.111	156.850	1.50892E-2	3.53687E-3
3	13.333	158.850	2.08526E-2	6.01988E-3
4	15.556	160.850	2.89400E-2	9.79627E-3
5	17.778	162.850	3.59631E-2	1.53794E-2
6	20.000	164.850	4.68866E-2	2.34400E-2
7	22.222	166.850	5.53371E-2	3.48371E-2
8	24.444	168.850	6.90348E-2	5.06469E-2
9	26.667	170.850	8.15525E-2	7.21786E-2
10	28.889	172.850	0.10332	0.10096

11	12.000	173.850	5.27063E-2	1.25197E-2
12	13.000	175.850	5.87618E-2	1.72585E-2
13	14.000	177.850	7.15165E-2	2.35534E-2
14	15.000	179.850	8.03791E-2	3.18458E-2
15	16.000	181.850	9.33334E-2	4.26792E-2
16	17.000	183.850	0.10640	5.67119E-2
17	18.000	185.850	0.12635	7.47262E-2
18	19.000	187.850	0.14782	9.76271E-2
19	20.000	189.850	0.18176	0.12643
20	21.000	191.850	0.21187	0.16220
21	22.000	193.850	0.25050	0.20599
22	23.000	195.850	0.28807	0.25871
23	24.000	197.850	0.34816	0.32090
24	25.000	199.850	0.40596	0.39249
25	26.000	201.850	0.49225	0.47249
26	27.000	203.850	0.60738	0.55870
27	28.000	205.850	0.71921	0.64759
28	29.000	207.850	0.80500	0.73438
29	30.000	209.850	0.86940	0.81366
30	31.000	211.850	0.91219	0.88040
31	32.000	213.850	0.94586	0.93123
32	33.000	215.850	0.96616	0.96547
33	34.000	217.850	0.98786	0.98533
34	34.500	218.850	0.99747	0.99112
35	35.000	219.850	0.99850	0.99492
36	36.000	221.850	1.00000	0.99863
37	37.000	223.850	1.00000	0.99973
38	38.000	225.850	1.00000	0.99996

#SCAN: 4 3_e_14_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	5.556	151.850	0.0	6.91508E-4
2	11.111	156.850	1.04319E-2	3.53687E-3
3	13.333	158.850	1.89285E-2	6.01988E-3
4	15.556	160.850	3.36954E-2	9.79627E-3
5	17.778	162.850	4.48396E-2	1.53794E-2
6	20.000	164.850	6.12962E-2	2.34400E-2
7	22.222	166.850	7.65936E-2	3.48371E-2
8	24.444	168.850	0.10256	5.06469E-2
9	26.667	170.850	0.12214	7.21786E-2
10	28.889	172.850	0.15253	0.10096
11	31.111	174.850	0.19119	0.13870
12	33.333	176.850	0.23824	0.18711
13	35.556	178.850	0.28300	0.24768
14	37.778	180.850	0.32950	0.32128
15	40.000	182.850	0.39135	0.40760
16	42.222	184.850	0.47282	0.50456
17	44.444	186.850	0.60161	0.60777
18	46.667	188.850	0.72460	0.71054
19	48.889	190.850	0.84311	0.80470
20	51.111	192.850	0.90289	0.88242
21	53.333	194.850	0.95059	0.93873
22	55.556	196.850	0.98046	0.97339
23	57.778	198.850	0.98945	0.99082
24	60.000	200.850	0.99565	0.99763
25	62.222	202.850	0.99831	0.99957
26	66.667	206.850	1.00000	1.00000
27	72.222	211.850	1.00000	1.00000

#SCAN: 7 3_e_20_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	20.000	136.850	0.0	1.77614E-3
2	30.000	141.850	4.87158E-3	5.86832E-3
3	40.000	146.850	1.73577E-2	1.64504E-2
4	50.000	151.850	4.40790E-2	4.12352E-2
5	56.000	154.850	7.30466E-2	6.85335E-2
6	60.000	156.850	9.70431E-2	9.45569E-2
7	64.000	158.850	0.12643	0.12870
8	68.000	160.850	0.15064	0.17271
9	72.000	162.850	0.18431	0.22824
10	76.000	164.850	0.22480	0.29653
11	80.000	166.850	0.26827	0.37791

11	14.500	165.850	4.20629E-2	7.06539E-3
12	15.500	167.850	5.06459E-2	9.40570E-3
13	16.500	169.850	6.16290E-2	1.24634E-2
14	17.500	171.850	7.67669E-2	1.64414E-2
15	18.500	173.850	8.80960E-2	2.15938E-2
16	19.500	175.850	0.10611	2.82371E-2
17	20.500	177.850	0.12561	3.67616E-2
18	21.500	179.850	0.15192	4.76435E-2
19	22.500	181.850	0.17845	6.14558E-2
20	23.500	183.850	0.21594	7.88759E-2
21	24.500	185.850	0.24970	0.10069
22	25.500	187.850	0.29998	0.12777
23	26.500	189.850	0.35748	0.16105
24	27.500	191.850	0.43728	0.20149
25	28.500	193.850	0.53420	0.24993
26	29.500	195.850	0.63056	0.30697
27	30.500	197.850	0.72356	0.37276
28	31.500	199.850	0.79930	0.44675
29	32.500	201.850	0.85613	0.52742
30	33.500	203.850	0.89942	0.61212
31	34.500	205.850	0.94305	0.69702
32	35.500	207.850	0.96866	0.77741
33	36.500	209.850	0.98311	0.84840
34	37.500	211.850	0.98981	0.90597
35	38.500	213.850	0.99587	0.94802
36	39.500	215.850	0.99826	0.97506
37	40.500	217.850	1.00000	0.98994
38	41.500	219.850	1.00000	0.99672
39	42.000	220.850	1.00000	0.99830

#SCAN: 5 3_e_15_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	146.850	0.0	5.00083E-5
1	5.556	151.850	0.0	6.91508E-4
2	11.111	156.850	1.44755E-2	3.53687E-3
3	13.333	158.850	2.56857E-2	6.01988E-3
4	15.556	160.850	3.54188E-2	9.79627E-3
5	17.778	162.850	5.19273E-2	1.53794E-2
6	20.000	164.850	7.25218E-2	2.34400E-2
7	22.222	166.850	9.46267E-2	3.48371E-2
8	24.444	168.850	0.13020	5.06469E-2
9	26.667	170.850	0.15942	7.21786E-2
10	28.889	172.850	0.20096	0.10096
11	31.111	174.850	0.24285	0.13870
12	33.333	176.850	0.30132	0.18711
13	35.556	178.850	0.35895	0.24768
14	37.778	180.850	0.43207	0.32128
15	40.000	182.850	0.49623	0.40760
16	42.222	184.850	0.56781	0.50456
17	44.444	186.850	0.67729	0.60777
18	46.667	188.850	0.77799	0.71054
19	48.889	190.850	0.86281	0.80470
20	51.111	192.850	0.92034	0.88242
21	53.333	194.850	0.94881	0.93873
22	55.556	196.850	0.97467	0.97339
23	57.778	198.850	0.98795	0.99082
24	60.000	200.850	0.99419	0.99763
25	62.222	202.850	0.99686	0.99957
26	66.667	206.850	1.00000	1.00000
27	72.222	211.850	1.00000	1.00000

#SCAN: 8 3_e_21_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	20.000	136.850	8.22609E-3	1.77616E-3
2	30.000	141.850	2.17489E-2	5.86837E-3
3	40.000	146.850	5.30803E-2	1.64505E-2
4	50.000	151.850	0.10413	4.12354E-2
5	56.000	154.850	0.14998	6.85338E-2
6	60.000	156.850	0.17938	9.45572E-2
7	64.000	158.850	0.21679	0.12870
8	68.000	160.850	0.26718	0.17271
9	72.000	162.850	0.32076	0.22824
10	76.000	164.850	0.39175	0.29653
11	80.000	166.850	0.46207	0.37791

11	31.111	174.850	0.11872	0.13870
12	33.333	176.850	0.14216	0.18711
13	35.556	178.850	0.15786	0.24768
14	37.778	180.850	0.19362	0.32128
15	40.000	182.850	0.22702	0.40760
16	42.222	184.850	0.27679	0.50456
17	44.444	186.850	0.34315	0.60777
18	46.667	188.850	0.41682	0.71054
19	48.889	190.850	0.51828	0.80470
20	51.111	192.850	0.65742	0.88242
21	53.333	194.850	0.78266	0.93873
22	55.556	196.850	0.86769	0.97339
23	57.778	198.850	0.94373	0.99082
24	60.000	200.850	0.97044	0.99763
25	62.222	202.850	0.98827	0.99957
26	66.667	206.850	0.99830	1.00000
27	72.222	211.850	1.00000	1.00000

#SCAN: 6 3_e_10_0.9.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	136.850	0.0	5.00083E-5
1	5.556	141.850	0.0	3.40714E-4
2	11.111	146.850	7.25072E-3	1.37506E-3
3	16.667	151.850	1.84205E-2	4.30739E-3
4	22.222	156.850	3.23618E-2	1.16034E-2
5	24.444	158.850	4.32321E-2	1.67298E-2
6	26.667	160.850	5.77511E-2	2.37762E-2
7	28.889	162.850	6.74261E-2	3.33516E-2
8	31.111	164.850	7.97484E-2	4.62188E-2
9	33.333	166.850	9.08947E-2	6.33141E-2
10	35.556	168.850	0.10992	8.57563E-2
11	37.778	170.850	0.12780	0.11483
12	40.000	172.850	0.14846	0.15196
13	42.222	174.850	0.17193	0.19855
14	44.444	176.850	0.20352	0.25585
15	46.667	178.850	0.23803	0.32461
16	48.889	180.850	0.28216	0.40469
17	51.111	182.850	0.32934	0.49456
18	53.333	184.850	0.38767	0.59089
19	55.556	186.850	0.46809	0.68840
20	57.778	188.850	0.55732	0.78030
21	60.000	190.850	0.65546	0.85951
22	62.222	192.850	0.75443	0.92058
23	64.444	194.850	0.85147	0.96156
24	66.667	196.850	0.91348	0.98469
25	68.889	198.850	0.95936	0.99522
26	71.111	200.850	0.98474	0.99890
27	73.333	202.850	0.99285	0.99983
28	77.778	206.850	1.00000	1.00000

#SCAN: 9 3_e_22_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	12.000	129.850	2.87689E-3	4.98331E-4
2	20.000	131.850	8.99112E-3	1.37338E-3
3	28.000	133.850	1.15408E-2	3.12333E-3
4	36.000	135.850	1.65654E-2	6.28917E-3
5	44.000	137.850	3.02174E-2	1.16394E-2
6	52.000	139.850	5.00378E-2	2.02382E-2
7	60.000	141.850	8.21814E-2	3.35176E-2
8	68.000	143.850	0.12681	5.33421E-2
9	76.000	145.850	0.19027	8.20347E-2
10	84.000	147.850	0.30109	0.12232
11	92.000	149.850	0.42161	0.17707

12	84.000	168.850	0.33189	0.47115	12	84.000	168.850	0.53039	0.47116	12	100.000	151.850	0.54947	0.24884
13	88.000	170.850	0.40137	0.57287	13	88.000	170.850	0.60194	0.57287	13	108.000	153.850	0.65605	0.33898
14	92.000	172.850	0.47146	0.67713	14	92.000	172.850	0.67811	0.67713	14	116.000	155.850	0.73475	0.44636
15	96.000	174.850	0.54750	0.77593	15	96.000	174.850	0.74559	0.77593	15	124.000	157.850	0.79526	0.56610
16	100.000	176.850	0.62421	0.86066	16	100.000	176.850	0.81097	0.86066	16	132.000	159.850	0.84996	0.68880
17	104.000	178.850	0.69349	0.92472	17	104.000	178.850	0.87422	0.92472	17	140.000	161.850	0.89495	0.80159
18	108.000	180.850	0.74982	0.96602	18	108.000	180.850	0.91908	0.96602	18	148.000	163.850	0.93280	0.89173
19	112.000	182.850	0.80255	0.98781	19	112.000	182.850	0.95751	0.98781	19	156.000	165.850	0.96555	0.95185
20	116.000	184.850	0.85161	0.99673	20	116.000	184.850	0.97989	0.99673	20	164.000	167.850	0.98065	0.98362
21	120.000	186.850	0.89559	0.99939	21	120.000	186.850	0.98738	0.99939	21	172.000	169.850	0.98678	0.99607
22	124.000	188.850	0.93165	0.99993	22	124.000	188.850	0.99351	0.99993	22	180.000	171.850	0.99162	0.99940
23	128.000	190.850	0.95415	1.00000	23	128.000	190.850	0.99414	1.00000	23	196.000	175.850	1.00000	1.00000
24	132.000	192.850	0.96571	1.00000	24	132.000	192.850	0.99473	1.00000	24	204.000	177.850	1.00000	1.00000
25	136.000	194.850	0.97313	1.00000	25	136.000	194.850	0.99667	1.00000					
26	140.000	196.850	0.97919	1.00000	26	140.000	196.850	1.00000	1.00000					
27	144.000	198.850	0.98526	1.00000										
28	148.000	200.850	0.98992	1.00000										
29	152.000	202.850	0.99246	1.00000										
30	156.000	204.850	0.99716	1.00000										
31	160.000	206.850	0.99962	1.00000										
32	164.000	208.850	1.00000	1.00000										
33	170.000	211.850	1.00000	1.00000										

#SCAN:10 3_e_23_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	126.850	0.0	5.00083E-5
1	20.000	131.850	0.0	1.37341E-3
2	36.000	135.850	1.68402E-3	6.28938E-3
3	44.000	137.850	3.31896E-3	1.16397E-2
4	52.000	139.850	8.64277E-3	2.02386E-2
5	60.000	141.850	2.26322E-2	3.35182E-2
6	68.000	143.850	3.92156E-2	5.33429E-2
7	76.000	145.850	6.34427E-2	8.20358E-2
8	84.000	147.850	9.28797E-2	0.12232
9	92.000	149.850	0.14392	0.17707
10	100.000	151.850	0.20804	0.24885
11	108.000	153.850	0.28543	0.33898
12	116.000	155.850	0.38007	0.44636
13	124.000	157.850	0.46408	0.56610
14	132.000	159.850	0.54756	0.68880
15	140.000	161.850	0.63825	0.80160
16	148.000	163.850	0.72211	0.89174
17	156.000	165.850	0.79472	0.95185
18	164.000	167.850	0.85632	0.98362
19	172.000	169.850	0.90400	0.99607
20	180.000	171.850	0.94548	0.99940
21	188.000	173.850	0.97270	0.99995
22	196.000	175.850	0.98549	1.00000
23	204.000	177.850	0.99166	1.00000
24	220.000	181.850	1.00000	1.00000
25	240.000	186.850	1.00000	1.00000
26	260.000	191.850	1.00000	1.00000

[Fe(ATrz)3](NO3)2

Kinetic parameters are listed in Table 1

#F-TEST ON FIT-QUALITY

#No	F-value	F-crit	f	Code
0	1.00	1.60	50	s: Fn
1	1.02	1.61	49	s: Bna
2	1.04	1.61	49	s: Cn B
3	1.44	1.60	50	s: An
4	1.47	1.60	51	s: F2
5	1.76	1.60	51	s: D3
6	1.85	1.60	51	s: D3F
7	2.07	1.60	51	s: D4
8	2.24	1.60	51	s: D1F
9	2.25	1.60	51	s: D2
10	2.63	1.60	51	s: D1
11	3.23	1.60	51	s: F1
12	3.29	1.60	50	s: C1 B
13	4.11	1.60	51	s: R3
14	4.64	1.60	51	s: R2
15	8.54	1.60	51	s: A2
16	11.95	1.60	51	s: A3
17	16.78	1.60	51	s: B1

#

#Project:320-11_model_exp

#Meas. type:ALPHA

#Model Step 1: n-th order

#STATISTICS

#Least Squares: 30.26741

#Mean of residues: 0.49012

#Max.No of cycles: 50

#Number of cycles: 23

#Correlation coefficient: 0.990260

#Rel.precision:0.001000

#t-critical(0.95;50): 1.999

#Durbin-Watson Value: 0.618

#Durbin-Watson Factor: 1.384

#SCAN: 1 320-11_e_1_2.67.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	56.850	0.0	5.00083E-5
1	0.750	58.850	0.0	5.01087E-5
2	1.500	60.850	0.0	5.13292E-5
3	2.250	62.850	0.0	6.57309E-5
4	3.000	64.850	0.0	2.30736E-4
5	3.750	66.850	0.0	2.06228E-3
6	4.500	68.850	2.24292E-2	2.12116E-2
7	5.250	70.850	0.13830	0.16960
8	6.000	72.850	0.47429	0.55713
9	6.750	74.850	0.74386	0.82720
10	7.500	76.850	0.89728	0.93568
11	8.250	78.850	0.96242	0.97594
12	9.000	80.850	0.98903	0.99091
13	9.750	82.850	1.00000	0.99653
14	10.500	84.850	1.00000	0.99866
15	11.250	86.850	1.00000	0.99948
16	12.000	88.850	1.00000	0.99979
17	12.750	90.850	1.00000	0.99992
18	13.500	92.850	1.00000	0.99997
19	14.250	94.850	1.00000	0.99999
20	15.000	96.850	1.00000	0.99999

#SCAN: 2 320-11_e_2_2.67.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	56.850	0.0	5.00083E-5
1	0.750	58.850	0.0	5.01087E-5
2	1.500	60.850	0.0	5.13292E-5
3	2.250	62.850	0.0	6.57309E-5
4	3.000	64.850	0.0	2.30736E-4
5	3.750	66.850	0.0	2.06228E-3
6	4.500	68.850	3.49731E-2	2.12116E-2
7	5.250	70.850	0.18416	0.16960
8	6.000	72.850	0.48390	0.55713
9	6.750	74.850	0.73181	0.82720
10	7.500	76.850	0.93157	0.93568
11	8.250	78.850	0.96118	0.97594
12	9.000	80.850	0.99106	0.99091
13	9.750	82.850	1.00000	0.99653
14	10.500	84.850	1.00000	0.99866
15	11.250	86.850	1.00000	0.99948
16	12.000	88.850	1.00000	0.99979
17	12.750	90.850	1.00000	0.99992
18	13.500	92.850	1.00000	0.99997
19	14.250	94.850	1.00000	0.99999
20	15.000	96.850	1.00000	0.99999

#SCAN: 3 320-11_e_3_2.67.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	56.850	0.0	5.00083E-5
1	0.750	58.850	0.0	5.01087E-5
2	1.500	60.850	0.0	5.13292E-5
3	2.250	62.850	0.0	6.57309E-5
4	3.000	64.850	0.0	2.30736E-4
5	3.750	66.850	0.0	2.06228E-3
6	4.500	68.850	8.14049E-2	2.12116E-2
7	5.250	70.850	0.34893	0.16960
8	6.000	72.850	0.58612	0.55713
9	6.750	74.850	0.80200	0.82720
10	7.500	76.850	0.92851	0.93568
11	8.250	78.850	0.97624	0.97594
12	9.000	80.850	1.00000	0.99091
13	9.750	82.850	1.00000	0.99653
14	10.500	84.850	1.00000	0.99866
15	11.250	86.850	1.00000	0.99948
16	12.000	88.850	1.00000	0.99979
17	12.750	90.850	1.00000	0.99992
18	13.500	92.850	1.00000	0.99997
19	14.250	94.850	1.00000	0.99999
20	15.000	96.850	1.00000	0.99999

#SCAN: 4 320-11_e_4_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	60.850	0.0	5.00083E-5
1	2.000	62.850	0.0	8.84116E-5
2	4.000	64.850	0.0	5.28193E-4
3	5.000	65.850	0.0	1.65902E-3
4	6.000	66.850	0.0	5.38324E-3

#SCAN: 5 320-11_e_5_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	60.850	0.0	5.00083E-5
1	4.000	62.850	0.0	1.26810E-4
2	8.000	64.850	0.0	1.00562E-3
3	10.000	65.850	0.0	3.25954E-3
4	12.000	66.850	0.0	1.06240E-2

#SCAN: 6 320-11_e_6_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	60.850	0.0	5.00083E-5
1	8.000	62.850	0.0	2.03592E-4
2	16.000	64.850	0.0	1.95825E-3
3	20.000	65.850	0.0	6.43546E-3
4	24.000	66.850	0.0	2.08392E-2

5	7.000	67.850	1.65429E-2	1.73446E-2	5	14.000	67.850	2.24763E-2	3.36932E-2	5	28.000	67.850	2.49060E-2	6.38802E-2
6	8.000	68.850	9.05014E-2	5.34327E-2	6	16.000	68.850	7.66289E-2	9.84614E-2	6	32.000	68.850	0.10333	0.17084
7	9.000	69.850	0.20168	0.14637	7	18.000	69.850	0.25522	0.23980	7	36.000	69.850	0.23819	0.35684
8	10.000	70.850	0.41729	0.31955	8	20.000	70.850	0.45438	0.44371	8	40.000	70.850	0.47877	0.56318
9	11.000	71.850	0.58094	0.52701	9	22.000	71.850	0.66203	0.63592	9	44.000	71.850	0.73052	0.72505
10	12.000	72.850	0.70146	0.69840	10	24.000	72.850	0.82914	0.77403	10	48.000	72.850	0.86590	0.83187
11	13.000	73.850	0.82267	0.81433	11	26.000	73.850	0.92579	0.86223	11	52.000	73.850	0.93558	0.89800
12	14.000	74.850	0.90256	0.88689	12	28.000	74.850	0.96618	0.91633	12	56.000	74.850	0.97107	0.93816
13	15.000	75.850	0.94546	0.93120	13	30.000	75.850	0.98945	0.94916	13	60.000	75.850	0.98446	0.96244
14	16.000	76.850	0.97216	0.95809	14	32.000	76.850	0.99545	0.96904	14	64.000	76.850	0.99046	0.97713
15	17.000	77.850	0.99193	0.97441	15	34.000	77.850	0.99897	0.98110	15	68.000	77.850	0.99896	0.98604
16	18.000	78.850	1.00000	0.98433	16	36.000	78.850	1.00000	0.98843	16	72.000	78.850	1.00000	0.99145
17	19.000	79.850	1.00000	0.99038	17	38.000	79.850	1.00000	0.99289	17	76.000	79.850	1.00000	0.99475
18	20.000	80.850	1.00000	0.99408	18	40.000	80.850	1.00000	0.99563	18	80.000	80.850	1.00000	0.99677
19	21.000	81.850	1.00000	0.99634	19	42.000	81.850	1.00000	0.99730	19	84.000	81.850	1.00000	0.99801
20	22.000	82.850	1.00000	0.99774	20	44.000	82.850	1.00000	0.99833	20	88.000	82.850	1.00000	0.99877

#Project:320-11_model_exp
#Meas. type:ALPHA
#Model Step 1: Prout-Tompkins n-th order,a autocat
#STATISTICS
#Least Squares: 30.27070
#Mean of residues: 0.49015
#Max.No of cycles: 50
#Number of cycles: 14
#Correlation coefficient: 0.990259
#Rel.precision:0.001000
#t-critical(0.95;49): 2.000
#Durbin-Watson Value: 0.617
#Durbin-Watson Factor: 1.384

#SCAN: 1 320-11_e_1_2.67.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	56.850	0.0	5.00083E-5
1	0.750	58.850	0.0	5.01165E-5
2	1.500	60.850	0.0	5.14133E-5
3	2.250	62.850	0.0	6.65035E-5
4	3.000	64.850	0.0	2.37025E-4
5	3.750	66.850	0.0	2.10416E-3
6	4.500	68.850	2.24292E-2	2.13643E-2
7	5.250	70.850	0.13830	0.16907
8	6.000	72.850	0.47429	0.55559
9	6.750	74.850	0.74386	0.82666
10	7.500	76.850	0.89728	0.93562
11	8.250	78.850	0.96242	0.97598
12	9.000	80.850	0.98903	0.99094
13	9.750	82.850	1.00000	0.99655
14	10.500	84.850	1.00000	0.99867
15	11.250	86.850	1.00000	0.99948
16	12.000	88.850	1.00000	0.99980
17	12.750	90.850	1.00000	0.99992
18	13.500	92.850	1.00000	0.99997
19	14.250	94.850	1.00000	0.99999
20	15.000	96.850	1.00000	0.99999

#SCAN: 4 320-11_e_4_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	60.850	0.0	5.00083E-5
1	2.000	62.850	0.0	9.02475E-5
2	4.000	64.850	0.0	5.44737E-4
3	5.000	65.850	0.0	1.70355E-3
4	6.000	66.850	0.0	5.49380E-3
5	7.000	67.850	1.65429E-2	1.75834E-2
6	8.000	68.850	9.05014E-2	5.38144E-2
7	9.000	69.850	0.20168	0.14662
8	10.000	70.850	0.41729	0.31921
9	11.000	71.850	0.58094	0.52637
10	12.000	72.850	0.70146	0.69796
11	13.000	73.850	0.82267	0.81418
12	14.000	74.850	0.90256	0.88691
13	15.000	75.850	0.94546	0.93129
14	16.000	76.850	0.97216	0.95819
15	17.000	77.850	0.99193	0.97450
16	18.000	78.850	1.00000	0.98441
17	19.000	79.850	1.00000	0.99044

#SCAN: 2 320-11_e_2_2.67.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	56.850	0.0	5.00083E-5
1	0.750	58.850	0.0	5.01165E-5
2	1.500	60.850	0.0	5.14133E-5
3	2.250	62.850	0.0	6.65035E-5
4	3.000	64.850	0.0	2.37025E-4
5	3.750	66.850	0.0	2.10416E-3
6	4.500	68.850	3.49731E-2	2.13643E-2
7	5.250	70.850	0.18416	0.16907
8	6.000	72.850	0.48390	0.55559
9	6.750	74.850	0.73181	0.82666
10	7.500	76.850	0.93157	0.93562
11	8.250	78.850	0.96118	0.97598
12	9.000	80.850	0.99106	0.99094
13	9.750	82.850	1.00000	0.99655
14	10.500	84.850	1.00000	0.99867
15	11.250	86.850	1.00000	0.99948
16	12.000	88.850	1.00000	0.99980
17	12.750	90.850	1.00000	0.99992
18	13.500	92.850	1.00000	0.99997
19	14.250	94.850	1.00000	0.99999
20	15.000	96.850	1.00000	0.99999

#SCAN: 5 320-11_e_5_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	60.850	0.0	5.00083E-5
1	4.000	62.850	0.0	1.30482E-4
2	8.000	64.850	0.0	1.03868E-3
3	10.000	65.850	0.0	3.34827E-3
4	12.000	66.850	0.0	1.08421E-2
5	14.000	67.850	2.24763E-2	3.41509E-2
6	16.000	68.850	7.66289E-2	9.91537E-2
7	18.000	69.850	0.25522	0.24034
8	20.000	70.850	0.45438	0.44383
9	22.000	71.850	0.66203	0.63593
10	24.000	72.850	0.82914	0.77415
11	26.000	73.850	0.92579	0.86243
12	28.000	74.850	0.96618	0.91655
13	30.000	75.850	0.98945	0.94935
14	32.000	76.850	0.99545	0.96919
15	34.000	77.850	0.99897	0.98121
16	36.000	78.850	1.00000	0.98851
17	38.000	79.850	1.00000	0.99295

#SCAN: 3 320-11_e_3_2.67.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	56.850	0.0	5.00083E-5
1	0.750	58.850	0.0	5.01165E-5
2	1.500	60.850	0.0	5.14133E-5
3	2.250	62.850	0.0	6.65035E-5
4	3.000	64.850	0.0	2.37025E-4
5	3.750	66.850	0.0	2.10416E-3
6	4.500	68.850	8.14049E-2	2.13643E-2
7	5.250	70.850	0.34893	0.16907
8	6.000	72.850	0.58612	0.55559
9	6.750	74.850	0.80200	0.82666
10	7.500	76.850	0.92851	0.93562
11	8.250	78.850	0.97624	0.97598
12	9.000	80.850	1.00000	0.99094
13	9.750	82.850	1.00000	0.99655
14	10.500	84.850	1.00000	0.99867
15	11.250	86.850	1.00000	0.99948
16	12.000	88.850	1.00000	0.99980
17	12.750	90.850	1.00000	0.99992
18	13.500	92.850	1.00000	0.99997
19	14.250	94.850	1.00000	0.99999
20	15.000	96.850	1.00000	0.99999

#SCAN: 6 320-11_e_6_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	60.850	0.0	5.00083E-5
1	8.000	62.850	0.0	2.10937E-4
2	16.000	64.850	0.0	2.02422E-3
3	20.000	65.850	0.0	6.61138E-3
4	24.000	66.850	0.0	2.12631E-2
5	28.000	67.850	2.49060E-2	6.47237E-2
6	32.000	68.850	0.10333	0.17201
7	36.000	69.850	0.23819	0.35781
8	40.000	70.850	0.47877	0.56383
9	44.000	71.850	0.73052	0.72557
10	48.000	72.850	0.86590	0.83233
11	52.000	73.850	0.93558	0.89839
12	56.000	74.850	0.97107	0.93847
13	60.000	75.850	0.98446	0.96267
14	64.000	76.850	0.99046	0.97730
15	68.000	77.850	0.99896	0.98616
16	72.000	78.850	1.00000	0.99154
17	76.000	79.850	1.00000	0.99481

18	20.000	80.850	1.00000	0.99412	18	40.000	80.850	1.00000	0.99567	18	80.000	80.850	1.00000	0.99681
19	21.000	81.850	1.00000	0.99637	19	42.000	81.850	1.00000	0.99733	19	84.000	81.850	1.00000	0.99803
20	22.000	82.850	1.00000	0.99776	20	44.000	82.850	1.00000	0.99835	20	88.000	82.850	1.00000	0.99878

#Project:320-11_model_exp
#Meas. type:ALPHA
#Model Step 1: n-th order with autocatalysis by B
#STATISTICS
#Least Squares: 43.68652
#Mean of residues: 0.58883
#Max.No of cycles: 50
#Number of cycles: 14
#Correlation coefficient: 0.985912
#Rel.precision:0.001000
#t-critical(0.95;50): 1.999
#Durbin-Watson Value: 0.673
#Durbin-Watson Factor: 1.337

#SCAN: 1 320-11_e_1_2.67.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	56.850	0.0	5.00083E-5
1	0.750	58.850	0.0	5.01151E-5
2	1.500	60.850	0.0	5.13709E-5
3	2.250	62.850	0.0	6.57044E-5
4	3.000	64.850	0.0	2.24632E-4
5	3.750	66.850	0.0	1.93390E-3
6	4.500	68.850	2.24292E-2	1.94145E-2
7	5.250	70.850	0.13830	0.16064
8	6.000	72.850	0.47429	0.56100
9	6.750	74.850	0.74386	0.82597
10	7.500	76.850	0.89728	0.92998
11	8.250	78.850	0.96242	0.97103
12	9.000	80.850	0.98903	0.98780
13	9.750	82.850	1.00000	0.99479
14	10.500	84.850	1.00000	0.99775
15	11.250	86.850	1.00000	0.99902
16	12.000	88.850	1.00000	0.99957
17	12.750	90.850	1.00000	0.99981
18	13.500	92.850	1.00000	0.99991
19	14.250	94.850	1.00000	0.99996
20	15.000	96.850	1.00000	0.99998

#SCAN: 2 320-11_e_2_2.67.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	56.850	0.0	5.00083E-5
1	0.750	58.850	0.0	5.01151E-5
2	1.500	60.850	0.0	5.13709E-5
3	2.250	62.850	0.0	6.57044E-5
4	3.000	64.850	0.0	2.24632E-4
5	3.750	66.850	0.0	1.93390E-3
6	4.500	68.850	3.49731E-2	1.94145E-2
7	5.250	70.850	0.18416	0.16064
8	6.000	72.850	0.48390	0.56100
9	6.750	74.850	0.73181	0.82597
10	7.500	76.850	0.93157	0.92998
11	8.250	78.850	0.96118	0.97103
12	9.000	80.850	0.99106	0.98780
13	9.750	82.850	1.00000	0.99479
14	10.500	84.850	1.00000	0.99775
15	11.250	86.850	1.00000	0.99902
16	12.000	88.850	1.00000	0.99957
17	12.750	90.850	1.00000	0.99981
18	13.500	92.850	1.00000	0.99991
19	14.250	94.850	1.00000	0.99996
20	15.000	96.850	1.00000	0.99998

#SCAN: 3 320-11_e_3_2.67.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	56.850	0.0	5.00083E-5
1	0.750	58.850	0.0	5.01151E-5
2	1.500	60.850	0.0	5.13709E-5
3	2.250	62.850	0.0	6.57044E-5
4	3.000	64.850	0.0	2.24632E-4
5	3.750	66.850	0.0	1.93390E-3
6	4.500	68.850	8.14049E-2	1.94145E-2
7	5.250	70.850	0.34893	0.16064
8	6.000	72.850	0.58612	0.56100
9	6.750	74.850	0.80200	0.82597
10	7.500	76.850	0.92851	0.92998
11	8.250	78.850	0.97624	0.97103
12	9.000	80.850	1.00000	0.98780
13	9.750	82.850	1.00000	0.99479
14	10.500	84.850	1.00000	0.99775
15	11.250	86.850	1.00000	0.99902
16	12.000	88.850	1.00000	0.99957
17	12.750	90.850	1.00000	0.99981
18	13.500	92.850	1.00000	0.99991
19	14.250	94.850	1.00000	0.99996
20	15.000	96.850	1.00000	0.99998

#SCAN: 4 320-11_e_4_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	60.850	0.0	5.00083E-5
1	2.000	62.850	0.0	8.82299E-5
2	4.000	64.850	0.0	5.11869E-4
3	5.000	65.850	0.0	1.58028E-3
4	6.000	66.850	0.0	5.05003E-3
5	7.000	67.850	1.65429E-2	1.60957E-2
6	8.000	68.850	9.05014E-2	4.96189E-2
7	9.000	69.850	0.20168	0.13920
8	10.000	70.850	0.41729	0.31635
9	11.000	71.850	0.58094	0.53248
10	12.000	72.850	0.70146	0.70374
11	13.000	73.850	0.82267	0.81475
12	14.000	74.850	0.90256	0.88340
13	15.000	75.850	0.94546	0.92597
14	16.000	76.850	0.97216	0.95265
15	17.000	77.850	0.99193	0.96954
16	18.000	78.850	1.00000	0.98032
17	19.000	79.850	1.00000	0.98724
18	20.000	80.850	1.00000	0.99170
19	21.000	81.850	1.00000	0.99458
20	22.000	82.850	1.00000	0.99645

#SCAN: 5 320-11_e_5_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	60.850	0.0	5.00083E-5
1	4.000	62.850	0.0	1.26448E-4
2	8.000	64.850	0.0	9.73185E-4
3	10.000	65.850	0.0	3.10458E-3
4	12.000	66.850	0.0	9.98640E-3
5	14.000	67.850	2.24763E-2	3.14917E-2
6	16.000	68.850	7.66289E-2	9.31716E-2
7	18.000	69.850	0.25522	0.23510
8	20.000	70.850	0.45438	0.44806
9	22.000	71.850	0.66203	0.64371
10	24.000	72.850	0.82914	0.77735
11	26.000	73.850	0.92579	0.86055
12	28.000	74.850	0.96618	0.91189
13	30.000	75.850	0.98945	0.94388
14	32.000	76.850	0.99545	0.96403
15	34.000	77.850	0.99897	0.97683
16	36.000	78.850	1.00000	0.98502
17	38.000	79.850	1.00000	0.99028
18	40.000	80.850	1.00000	0.99367
19	42.000	81.850	1.00000	0.99587
20	44.000	82.850	1.00000	0.99730

#SCAN: 6 320-11_e_6_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	60.850	0.0	5.00083E-5
1	8.000	62.850	0.0	2.02872E-4
2	16.000	64.850	0.0	1.89418E-3
3	20.000	65.850	0.0	6.13535E-3
4	24.000	66.850	0.0	1.96724E-2
5	28.000	67.850	2.49060E-2	6.04721E-2
6	32.000	68.850	0.10333	0.16596
7	36.000	69.850	0.23819	0.35892
8	40.000	70.850	0.47877	0.57247
9	44.000	71.850	0.73052	0.73161
10	48.000	72.850	0.86590	0.83261
11	52.000	73.850	0.93558	0.89478
12	56.000	74.850	0.97107	0.93329
13	60.000	75.850	0.98446	0.95740
14	64.000	76.850	0.99046	0.97265
15	68.000	77.850	0.99896	0.98237
16	72.000	78.850	1.00000	0.98859
17	76.000	79.850	1.00000	0.99259
18	80.000	80.850	1.00000	0.99518
19	84.000	81.850	1.00000	0.99685
20	88.000	82.850	1.00000	0.99794

#Project:320-11_model_exp
#Meas. type:ALPHA
#Model Step 1: n-dim. Avrami-Erofeev
#STATISTICS
#Least Squares: 43.68652
#Mean of residues: 0.58883
#Max.No of cycles: 50
#Number of cycles: 14
#Correlation coefficient: 0.985912
#Rel.precision:0.001000

#t-critical(0.95;50): 1.999
#Durbin-Watson Value: 0.673
#Durbin-Watson Factor: 1.337

#SCAN: 1 320-11_e_1_2.67.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	56.850	0.0	5.00083E-5
1	0.750	58.850	0.0	3.06621E-4
2	1.500	60.850	0.0	9.79961E-4
3	2.250	62.850	0.0	3.00608E-3
4	3.000	64.850	0.0	9.06256E-3
5	3.750	66.850	0.0	2.68010E-2
6	4.500	68.850	2.24292E-2	7.69183E-2
7	5.250	70.850	0.13830	0.20774
8	6.000	72.850	0.47429	0.48789
9	6.750	74.850	0.74386	0.85044
10	7.500	76.850	0.89728	0.99516
11	8.250	78.850	0.96242	1.00000
12	9.000	80.850	0.98903	1.00000
13	9.750	82.850	1.00000	1.00000
14	10.500	84.850	1.00000	1.00000
15	11.250	86.850	1.00000	1.00000
16	12.000	88.850	1.00000	1.00000
17	12.750	90.850	1.00000	1.00000
18	13.500	92.850	1.00000	1.00000
19	14.250	94.850	1.00000	1.00000
20	15.000	96.850	1.00000	1.00000

#SCAN: 4 320-11_e_4_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	60.850	0.0	5.00083E-5
1	2.000	62.850	0.0	4.54326E-3
2	4.000	64.850	0.0	1.42309E-2
3	5.000	65.850	0.0	2.45618E-2
4	6.000	66.850	0.0	4.20175E-2
5	7.000	67.850	1.65429E-2	7.11567E-2
6	8.000	68.850	9.05014E-2	0.11883
7	9.000	69.850	0.20168	0.19437
8	10.000	70.850	0.41729	0.30794
9	11.000	71.850	0.58094	0.46471
10	12.000	72.850	0.70146	0.65279
11	13.000	73.850	0.82267	0.83222
12	14.000	74.850	0.90256	0.95038
13	15.000	75.850	0.94546	0.99351
14	16.000	76.850	0.97216	0.99978
15	17.000	77.850	0.99193	1.00000
16	18.000	78.850	1.00000	1.00000
17	19.000	79.850	1.00000	1.00000
18	20.000	80.850	1.00000	1.00000
19	21.000	81.850	1.00000	1.00000
20	22.000	82.850	1.00000	1.00000

#Project:320-11_model_exp
#Meas. type:ALPHA
#Model Step 1: 2nd order
#STATISTICS
#Least Squares: 45.42374
#Mean of residues: 0.60042
#Max.No of cycles: 50
#Number of cycles: 14
#Correlation coefficient: 0.985347
#Rel.precision:0.001000
#t-critical(0.95;51): 1.998
#Durbin-Watson Value: 0.823
#Durbin-Watson Factor: 1.237

#SCAN: 1 320-11_e_1_2.67.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	56.850	0.0	5.00083E-5
1	0.750	58.850	0.0	5.18478E-5
2	1.500	60.850	0.0	6.41944E-5
3	2.250	62.850	0.0	1.45200E-4
4	3.000	64.850	0.0	6.64705E-4
5	3.750	66.850	0.0	3.91393E-3
6	4.500	68.850	2.24292E-2	2.34245E-2
7	5.250	70.850	0.13830	0.12637
8	6.000	72.850	0.47429	0.46112

#SCAN: 2 320-11_e_2_2.67.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	56.850	0.0	5.00083E-5
1	0.750	58.850	0.0	3.06621E-4
2	1.500	60.850	0.0	9.79961E-4
3	2.250	62.850	0.0	3.00608E-3
4	3.000	64.850	0.0	9.06256E-3
5	3.750	66.850	0.0	2.68010E-2
6	4.500	68.850	3.49731E-2	7.69183E-2
7	5.250	70.850	0.18416	0.20774
8	6.000	72.850	0.48390	0.48789
9	6.750	74.850	0.73181	0.85044
10	7.500	76.850	0.93157	0.99516
11	8.250	78.850	0.96118	1.00000
12	9.000	80.850	0.99106	1.00000
13	9.750	82.850	1.00000	1.00000
14	10.500	84.850	1.00000	1.00000
15	11.250	86.850	1.00000	1.00000
16	12.000	88.850	1.00000	1.00000
17	12.750	90.850	1.00000	1.00000
18	13.500	92.850	1.00000	1.00000
19	14.250	94.850	1.00000	1.00000
20	15.000	96.850	1.00000	1.00000

#SCAN: 5 320-11_e_5_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	60.850	0.0	5.00083E-5
1	4.000	62.850	0.0	6.27348E-3
2	8.000	64.850	0.0	1.96139E-2
3	10.000	65.850	0.0	3.37853E-2
4	12.000	66.850	0.0	5.75999E-2
5	14.000	67.850	2.24763E-2	9.69849E-2
6	16.000	68.850	7.66289E-2	0.16041
7	18.000	69.850	0.25522	0.25822
8	20.000	70.850	0.45438	0.39873
9	22.000	71.850	0.66203	0.57840
10	24.000	72.850	0.82914	0.76822
11	26.000	73.850	0.92579	0.91517
12	28.000	74.850	0.96618	0.98425
13	30.000	75.850	0.98945	0.99905
14	32.000	76.850	0.99545	0.99999
15	34.000	77.850	0.99897	1.00000
16	36.000	78.850	1.00000	1.00000
17	38.000	79.850	1.00000	1.00000
18	40.000	80.850	1.00000	1.00000
19	42.000	81.850	1.00000	1.00000
20	44.000	82.850	1.00000	1.00000

#SCAN: 2 320-11_e_2_2.67.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	56.850	0.0	5.00083E-5
1	0.750	58.850	0.0	5.18478E-5
2	1.500	60.850	0.0	6.41944E-5
3	2.250	62.850	0.0	1.45200E-4
4	3.000	64.850	0.0	6.64705E-4
5	3.750	66.850	0.0	3.91393E-3
6	4.500	68.850	3.49731E-2	2.34245E-2
7	5.250	70.850	0.18416	0.12637
8	6.000	72.850	0.48390	0.46112

#SCAN: 3 320-11_e_3_2.67.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	56.850	0.0	5.00083E-5
1	0.750	58.850	0.0	3.06621E-4
2	1.500	60.850	0.0	9.79961E-4
3	2.250	62.850	0.0	3.00608E-3
4	3.000	64.850	0.0	9.06256E-3
5	3.750	66.850	0.0	2.68010E-2
6	4.500	68.850	8.14049E-2	7.69183E-2
7	5.250	70.850	0.34893	0.20774
8	6.000	72.850	0.58612	0.48789
9	6.750	74.850	0.80200	0.85044
10	7.500	76.850	0.92851	0.99516
11	8.250	78.850	0.97624	1.00000
12	9.000	80.850	1.00000	1.00000
13	9.750	82.850	1.00000	1.00000
14	10.500	84.850	1.00000	1.00000
15	11.250	86.850	1.00000	1.00000
16	12.000	88.850	1.00000	1.00000
17	12.750	90.850	1.00000	1.00000
18	13.500	92.850	1.00000	1.00000
19	14.250	94.850	1.00000	1.00000
20	15.000	96.850	1.00000	1.00000

#SCAN: 6 320-11_e_6_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	60.850	0.0	5.00083E-5
1	8.000	62.850	0.0	8.65974E-3
2	16.000	64.850	0.0	2.70053E-2
3	20.000	65.850	0.0	4.63894E-2
4	24.000	66.850	0.0	7.87192E-2
5	28.000	67.850	2.49060E-2	0.13150
6	32.000	68.850	0.10333	0.21466
7	36.000	69.850	0.23819	0.33822
8	40.000	70.850	0.47877	0.50493
9	44.000	71.850	0.73052	0.69690
10	48.000	72.850	0.86590	0.86741
11	52.000	73.850	0.93558	0.96695
12	56.000	74.850	0.97107	0.99677
13	60.000	75.850	0.98446	0.99993
14	64.000	76.850	0.99046	1.00000
15	68.000	77.850	0.99896	1.00000
16	72.000	78.850	1.00000	1.00000
17	76.000	79.850	1.00000	1.00000
18	80.000	80.850	1.00000	1.00000
19	84.000	81.850	1.00000	1.00000
20	88.000	82.850	1.00000	1.00000

9	6.750	74.850	0.74386	0.83224
10	7.500	76.850	0.89728	0.96574
11	8.250	78.850	0.96242	0.99367
12	9.000	80.850	0.98903	0.99884
13	9.750	82.850	1.00000	0.99978
14	10.500	84.850	1.00000	0.99996
15	11.250	86.850	1.00000	0.99999
16	12.000	88.850	1.00000	1.00000
17	12.750	90.850	1.00000	1.00000
18	13.500	92.850	1.00000	1.00000
19	14.250	94.850	1.00000	1.00000
20	15.000	96.850	1.00000	1.00000

#SCAN: 4 320-11_e_4_1.0.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	60.850	0.0	5.00083E-5
1	2.000	62.850	0.0	2.66001E-4
2	4.000	64.850	0.0	1.64981E-3
3	5.000	65.850	0.0	4.12600E-3
4	6.000	66.850	0.0	1.02508E-2
5	7.000	67.850	1.65429E-2	2.51297E-2
6	8.000	68.850	9.05014E-2	6.00112E-2
7	9.000	69.850	0.20168	0.13593
8	10.000	70.850	0.41729	0.27830
9	11.000	71.850	0.58094	0.48465
10	12.000	72.850	0.70146	0.69528
11	13.000	73.850	0.82267	0.84634
12	14.000	74.850	0.90256	0.92972
13	15.000	75.850	0.94546	0.96934
14	16.000	76.850	0.97216	0.98687
15	17.000	77.850	0.99193	0.99441
16	18.000	78.850	1.00000	0.99762
17	19.000	79.850	1.00000	0.99898
18	20.000	80.850	1.00000	0.99956
19	21.000	81.850	1.00000	0.99981
20	22.000	82.850	1.00000	0.99992

9	6.750	74.850	0.73181	0.83224
10	7.500	76.850	0.93157	0.96574
11	8.250	78.850	0.96118	0.99367
12	9.000	80.850	0.99106	0.99884
13	9.750	82.850	1.00000	0.99978
14	10.500	84.850	1.00000	0.99996
15	11.250	86.850	1.00000	0.99999
16	12.000	88.850	1.00000	1.00000
17	12.750	90.850	1.00000	1.00000
18	13.500	92.850	1.00000	1.00000
19	14.250	94.850	1.00000	1.00000
20	15.000	96.850	1.00000	1.00000

#SCAN: 5 320-11_e_5_0.5.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	60.850	0.0	5.00083E-5
1	4.000	62.850	0.0	4.81900E-4
2	8.000	64.850	0.0	3.24451E-3
3	10.000	65.850	0.0	8.16891E-3
4	12.000	66.850	0.0	2.02456E-2
5	14.000	67.850	2.24763E-2	4.89822E-2
6	16.000	68.850	7.66289E-2	0.11319
7	18.000	69.850	0.25522	0.23929
8	20.000	70.850	0.45438	0.43541
9	22.000	71.850	0.66203	0.65287
10	24.000	72.850	0.82914	0.82025
11	26.000	73.850	0.92579	0.91678
12	28.000	74.850	0.96618	0.96358
13	30.000	75.850	0.98945	0.98443
14	32.000	76.850	0.99545	0.99339
15	34.000	77.850	0.99897	0.99720
16	36.000	78.850	1.00000	0.99881
17	38.000	79.850	1.00000	0.99949
18	40.000	80.850	1.00000	0.99978
19	42.000	81.850	1.00000	0.99991
20	44.000	82.850	1.00000	0.99996

9	6.750	74.850	0.80200	0.83224
10	7.500	76.850	0.92851	0.96574
11	8.250	78.850	0.97624	0.99367
12	9.000	80.850	1.00000	0.99884
13	9.750	82.850	1.00000	0.99978
14	10.500	84.850	1.00000	0.99996
15	11.250	86.850	1.00000	0.99999
16	12.000	88.850	1.00000	1.00000
17	12.750	90.850	1.00000	1.00000
18	13.500	92.850	1.00000	1.00000
19	14.250	94.850	1.00000	1.00000
20	15.000	96.850	1.00000	1.00000

#SCAN: 6 320-11_e_6_0.25.txt

#	Time/min;	Temp/°C;	O_Y	R_Y
0	0.000	60.850	0.0	5.00083E-5
1	8.000	62.850	0.0	9.13419E-4
2	16.000	64.850	0.0	6.41866E-3
3	20.000	65.850	0.0	1.61570E-2
4	24.000	66.850	0.0	3.96416E-2
5	28.000	67.850	2.49060E-2	9.33488E-2
6	32.000	68.850	0.10333	0.20333
7	36.000	69.850	0.23819	0.38616
8	40.000	70.850	0.47877	0.60666
9	44.000	71.850	0.73052	0.78998
10	48.000	72.850	0.86590	0.90125
11	52.000	73.850	0.93558	0.95658
12	56.000	74.850	0.97107	0.98145
13	60.000	75.850	0.98446	0.99215
14	64.000	76.850	0.99046	0.99669
15	68.000	77.850	0.99896	0.99860
16	72.000	78.850	1.00000	0.99940
17	76.000	79.850	1.00000	0.99975
18	80.000	80.850	1.00000	0.99989
19	84.000	81.850	1.00000	0.99995
20	88.000	82.850	1.00000	0.99998