

VERSUCH NUMMER

TITEL

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Durchführung: DATUM

Abgabe: DATUM

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1 Ziel

Ziel des Versuches ist, die Wärmeleitung von den Metallen Messing, Edelstahl und Aluminium, zu bestimmen.

2 Theorie

In einem abgeschlossenen System findet Wärmetransport statt, um ein Temperaturgleichgewicht zu erreichen. Dies kann durch Konvektion, Wärmestrahlung oder Wärmeleitung geschehen. Bei Konvektion vermischen sich Gase oder Flüssigkeiten mit unterschiedlichen warmen Temperaturbereichen; durch Wärmestrahlung gibt ein Körper mit einer von der Umgebung unterschiedlichen Temperatur die Wärme an diese ab.

Die in diesem Versuch betrachtete Wärmeleitung in festen Körpern geschieht über freie Elektronen und Phononen - Quasiteilchen, welche auf die Energieübertragung durch Gitterschwingungen zurückzuführen sind. Dabei fließt eine Wärmemenge

$$dQ = -\kappa A \frac{\partial T}{\partial x} dt \quad (1)$$

durch den Probestab mit Querschnittsfläche A von hoher zu niedriger Temperatur. Die Wärmeleitfähigkeit κ ist eine Materialkonstante, die Wärmeleitfähigkeit.

3 Durchführung

4 Auswertung

Auswertungsmaterial

5 Diskussion

Diskussionsmaterial

6 Daten

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_3/^\circ\text{C}$	$\theta_4/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_6/^\circ\text{C}$	$\theta_7/^\circ\text{C}$	$\theta_8/^\circ\text{C}$
1	0	21.85	23.61	23.12	21.43	22.36	23.60	22.24	20.82
2	5	22.07	24.07	23.59	21.64	22.73	24.04	22.68	20.83
3	10	22.30	24.48	24.01	21.87	23.10	24.44	23.12	20.84
4	15	22.53	24.85	24.39	22.11	23.46	24.81	23.55	20.86
5	20	22.76	25.18	24.73	22.34	23.82	25.16	23.95	20.90
6	25	23.00	25.49	25.03	22.59	24.17	25.47	24.33	20.95
7	30	23.23	25.77	25.32	22.82	24.50	25.78	24.68	20.98
8	35	23.46	26.02	25.58	23.04	24.83	26.06	25.02	21.04
9	40	23.69	26.27	25.82	23.27	25.14	26.33	25.33	21.10
10	45	23.91	26.50	26.04	23.48	25.44	26.59	25.62	21.17
11	50	24.12	26.71	26.25	23.69	25.72	26.83	25.88	21.23
12	55	24.33	26.93	26.46	23.90	26.00	27.07	26.14	21.32
13	60	24.54	27.13	26.65	24.10	26.26	27.29	26.37	21.40
14	65	24.75	27.32	26.83	24.30	26.53	27.50	26.59	21.48
15	70	24.94	27.50	27.00	24.48	26.76	27.71	26.80	21.56
16	75	25.13	27.67	27.16	24.67	26.99	27.91	27.00	21.65
17	80	25.33	27.85	27.33	24.85	27.23	28.11	27.19	21.74
18	85	25.51	28.01	27.47	25.02	27.44	28.28	27.37	21.83
19	90	25.68	28.17	27.62	25.19	27.64	28.46	27.54	21.93
20	95	25.86	28.32	27.76	25.36	27.85	28.62	27.70	22.01
21	100	26.03	28.47	27.89	25.52	28.04	28.79	27.85	22.10
22	105	26.20	28.61	28.01	25.65	28.22	28.94	27.99	22.19
23	110	26.36	28.76	28.14	25.81	28.40	29.10	28.13	22.28
24	115	26.52	28.89	28.27	25.96	28.57	29.24	28.26	22.37
25	120	26.67	29.02	28.39	26.11	28.73	29.38	28.39	22.46
26	125	26.82	29.15	28.51	26.25	28.89	29.52	28.52	22.55
27	130	26.97	29.28	28.62	26.37	29.05	29.64	28.64	22.64
28	135	27.12	29.40	28.73	26.50	29.19	29.77	28.75	22.72
29	140	27.26	29.52	28.84	26.64	29.34	29.90	28.86	22.81
30	145	27.40	29.64	28.95	26.75	29.48	30.02	28.97	22.89
31	150	27.53	29.76	29.05	26.88	29.61	30.13	29.07	22.98
32	155	27.66	29.87	29.15	26.99	29.74	30.25	29.18	23.06
33	160	27.79	29.99	29.26	27.11	29.87	30.36	29.28	23.14
34	165	27.92	30.10	29.35	27.23	29.99	30.47	29.38	23.23
35	170	28.04	30.20	29.45	27.34	30.11	30.58	29.47	23.30
36	175	28.16	30.31	29.55	27.45	30.23	30.68	29.56	23.39
37	180	28.28	30.42	29.64	27.55	30.34	30.79	29.65	23.46
38	185	28.40	30.53	29.73	27.66	30.45	30.89	29.74	23.54
39	190	28.52	30.63	29.83	27.76	30.56	30.98	29.83	23.62
40	195	28.63	30.73	29.91	27.86	30.68	31.08	29.91	23.70

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_3/^\circ\text{C}$	$\theta_4/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_6/^\circ\text{C}$	$\theta_7/^\circ\text{C}$	$\theta_8/^\circ\text{C}$
41	200	28.74	30.83	30.01	27.96	30.78	31.17	30.00	23.77
42	205	28.85	30.92	30.09	28.06	30.88	31.27	30.08	23.85
43	210	28.96	31.02	30.18	28.15	30.98	31.36	30.17	23.92
44	215	29.06	31.11	30.26	28.24	31.08	31.44	30.24	24.00
45	220	29.17	31.21	30.35	28.33	31.17	31.53	30.31	24.06
46	225	29.27	31.30	30.43	28.43	31.27	31.62	30.39	24.14
47	230	29.37	31.40	30.52	28.52	31.36	31.71	30.48	24.21
48	235	29.48	31.49	30.59	28.60	31.45	31.79	30.55	24.27
49	240	29.57	31.58	30.68	28.69	31.54	31.88	30.63	24.35
50	245	29.67	31.66	30.76	28.78	31.63	31.96	30.70	24.42
51	250	29.76	31.75	30.83	28.87	31.72	32.04	30.77	24.49
52	255	29.85	31.84	30.91	28.94	31.80	32.12	30.85	24.57
53	260	29.95	31.92	30.99	29.02	31.89	32.20	30.92	24.63
54	265	30.03	32.00	31.07	29.11	31.97	32.28	30.99	24.70
55	270	30.12	32.08	31.14	29.19	32.05	32.35	31.06	24.77
56	275	30.22	32.16	31.21	29.27	32.13	32.43	31.13	24.83
57	280	30.29	32.25	31.29	29.34	32.21	32.51	31.19	24.89
58	285	30.39	32.34	31.37	29.42	32.29	32.59	31.26	24.96
59	290	30.47	32.42	31.44	29.50	32.37	32.66	31.33	25.02
60	295	30.56	32.49	31.51	29.58	32.45	32.73	31.40	25.08
61	300	30.64	32.57	31.58	29.65	32.53	32.80	31.47	25.15
62	305	30.72	32.64	31.65	29.72	32.60	32.87	31.53	25.22
63	310	30.80	32.73	31.73	29.80	32.67	32.95	31.60	25.27
64	315	30.89	32.82	31.81	29.87	32.75	33.02	31.67	25.34
65	320	30.96	32.90	31.88	29.94	32.81	33.10	31.72	25.39
66	325	31.04	32.99	31.97	30.01	32.89	33.17	31.81	25.46
67	330	31.13	33.08	32.05	30.10	32.98	33.25	31.87	25.52
68	335	31.21	33.15	32.12	30.17	33.06	33.33	31.94	25.59
69	340	31.29	33.23	32.19	30.24	33.13	33.40	32.01	25.65
70	345	31.37	33.31	32.26	30.32	33.21	33.48	32.08	25.71
71	350	31.46	33.39	32.33	30.40	33.29	33.55	32.14	25.77
72	355	31.53	33.46	32.40	30.46	33.37	33.62	32.21	25.83
73	360	31.62	33.54	32.47	30.53	33.44	33.70	32.28	25.89
74	365	31.69	33.61	32.53	30.60	33.52	33.77	32.34	25.95
75	370	31.77	33.69	32.60	30.67	33.59	33.84	32.40	26.01
76	375	31.85	33.76	32.67	30.73	33.66	33.91	32.46	26.07
77	380	31.92	33.84	32.73	30.80	33.74	33.98	32.53	26.13
78	385	32.00	33.91	32.80	30.87	33.81	34.05	32.58	26.19
79	390	32.07	33.98	32.86	30.93	33.88	34.12	32.64	26.25
80	395	32.15	34.05	32.92	31.00	33.95	34.18	32.71	26.31
81	400	32.21	34.12	32.98	31.06	34.02	34.25	32.76	26.36
82	405	32.29	34.18	33.05	31.13	34.08	34.31	32.82	26.42
83	410	32.36	34.25	33.11	31.18	34.15	34.38	32.88	26.48

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84	415	32.43	34.32	33.17	31.25	34.22	34.44	32.94	26.54
85	420	32.50	34.39	33.23	31.31	34.29	34.51	33.00	26.59
86	425	32.57	34.45	33.29	31.38	34.35	34.57	33.06	26.65
87	430	32.63	34.52	33.35	31.44	34.42	34.63	33.12	26.70
88	435	32.70	34.58	33.41	31.50	34.48	34.69	33.17	26.76
89	440	32.76	34.64	33.47	31.56	34.54	34.75	33.23	26.81
90	445	32.83	34.71	33.53	31.62	34.60	34.81	33.28	26.87
91	450	32.89	34.77	33.58	31.68	34.67	34.87	33.34	26.93
92	455	32.96	34.83	33.64	31.73	34.73	34.93	33.39	26.98
93	460	33.02	34.89	33.70	31.78	34.79	34.99	33.44	27.03
94	465	33.08	34.95	33.76	31.85	34.85	35.05	33.50	27.09
95	470	33.14	35.01	33.81	31.90	34.91	35.10	33.55	27.14
96	475	33.21	35.07	33.86	31.96	34.96	35.16	33.60	27.19
97	480	33.27	35.13	33.92	32.01	35.02	35.21	33.66	27.24
98	485	33.33	35.19	33.97	32.07	35.07	35.27	33.71	27.30
99	490	33.39	35.25	34.03	32.12	35.13	35.32	33.76	27.35
100	495	33.45	35.30	34.08	32.17	35.19	35.38	33.82	27.40
101	500	33.51	35.36	34.13	32.23	35.25	35.43	33.86	27.45
102	505	33.56	35.42	34.18	32.28	35.30	35.48	33.91	27.50
103	510	33.62	35.47	34.23	32.33	35.35	35.54	33.96	27.55
104	515	33.68	35.53	34.28	32.39	35.41	35.58	34.01	27.60
105	520	33.73	35.58	34.33	32.44	35.46	35.63	34.06	27.65
106	525	33.79	35.63	34.38	32.49	35.51	35.69	34.11	27.70
107	530	33.85	35.69	34.43	32.54	35.56	35.73	34.16	27.75
108	535	33.90	35.74	34.48	32.59	35.62	35.79	34.20	27.80
109	540	33.95	35.79	34.53	32.65	35.66	35.83	34.25	27.85
110	545	34.01	35.84	34.58	32.69	35.72	35.88	34.30	27.90
111	550	34.06	35.90	34.63	32.74	35.76	35.94	34.35	27.95
112	555	34.11	35.95	34.68	32.78	35.81	35.98	34.39	28.00
113	560	34.16	36.00	34.72	32.83	35.86	36.03	34.44	28.05
114	565	34.21	36.05	34.77	32.88	35.91	36.07	34.49	28.08
115	570	34.27	36.10	34.82	32.93	35.96	36.12	34.53	28.13
116	575	34.32	36.15	34.87	32.98	36.01	36.17	34.58	28.18
117	580	34.37	36.20	34.91	33.02	36.05	36.22	34.62	28.22
118	585	34.42	36.24	34.96	33.07	36.10	36.26	34.67	28.27
119	590	34.46	36.30	35.01	33.11	36.15	36.31	34.72	28.32
120	595	34.51	36.35	35.05	33.16	36.19	36.36	34.77	28.37
121	600	34.57	36.40	35.10	33.21	36.24	36.40	34.81	28.41
122	605	34.61	36.45	35.14	33.25	36.29	36.45	34.86	28.46
123	610	34.66	36.49	35.19	33.30	36.34	36.49	34.90	28.50
124	615	34.71	36.54	35.23	33.35	36.38	36.54	34.94	28.55
125	620	34.76	36.59	35.28	33.39	36.42	36.58	34.99	28.59
126	625	34.81	36.63	35.33	33.44	36.47	36.63	35.03	28.64

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127	630	34.85	36.68	35.37	33.48	36.52	36.67	35.08	28.69
128	635	34.90	36.72	35.41	33.53	36.56	36.72	35.12	28.73
129	640	34.95	36.77	35.45	33.57	36.60	36.76	35.17	28.77
130	645	34.99	36.81	35.50	33.61	36.65	36.80	35.21	28.82
131	650	35.04	36.87	35.55	33.66	36.69	36.85	35.25	28.86
132	655	35.08	36.91	35.59	33.70	36.74	36.89	35.29	28.91
133	660	35.13	36.95	35.63	33.74	36.78	36.93	35.33	28.95
134	665	35.17	37.00	35.67	33.79	36.82	36.98	35.38	28.99
135	670	35.22	37.05	35.71	33.83	36.86	37.02	35.42	29.03
136	675	35.25	37.09	35.76	33.88	36.91	37.07	35.46	29.07
137	680	35.30	37.13	35.80	33.91	36.95	37.10	35.50	29.12
138	685	35.35	37.17	35.84	33.96	36.99	37.15	35.55	29.16
139	690	35.39	37.22	35.88	33.99	37.04	37.19	35.59	29.20
140	695	35.43	37.26	35.92	34.04	37.08	37.23	35.63	29.24
141	700	35.48	37.30	35.96	34.08	37.12	37.27	35.67	29.28
142	705	35.52	37.34	36.01	34.12	37.16	37.31	35.71	29.32
143	710	35.56	37.39	36.05	34.16	37.20	37.35	35.75	29.37
144	715	35.60	37.43	36.09	34.20	37.24	37.39	35.79	29.41
145	720	35.64	37.48	36.13	34.24	37.28	37.44	35.83	29.45
146	725	35.69	37.52	36.17	34.28	37.32	37.47	35.87	29.49
147	730	35.72	37.56	36.21	34.32	37.36	37.51	35.91	29.54
148	735	35.77	37.60	36.25	34.35	37.40	37.55	35.95	29.57
149	740	35.81	37.64	36.29	34.39	37.44	37.59	35.99	29.61
150	745	35.85	37.68	36.33	34.44	37.47	37.63	36.03	29.65
151	750	35.89	37.72	36.37	34.48	37.52	37.67	36.07	29.69
152	755	35.93	37.77	36.41	34.52	37.55	37.71	36.11	29.73
153	760	35.96	37.80	36.44	34.55	37.59	37.75	36.15	29.77
154	765	36.01	37.85	36.48	34.59	37.63	37.79	36.19	29.81
155	770	36.05	37.89	36.52	34.62	37.66	37.82	36.22	29.84
156	775	36.08	37.92	36.55	34.65	37.70	37.85	36.24	29.87
157	780	36.12	37.97	36.60	34.70	37.74	37.90	36.30	29.92
158	785	36.15	37.99	36.63	34.74	37.76	37.91	36.34	29.96
159	790	36.20	38.04	36.67	34.78	37.81	37.96	36.38	30.00
160	795	36.24	38.09	36.70	34.80	37.84	38.00	36.41	30.04
161	800	36.27	38.12	36.74	34.85	37.88	38.05	36.46	30.08
162	805	36.31	38.15	36.78	34.88	37.92	38.08	36.49	30.11
163	810	36.34	38.19	36.82	34.92	37.95	38.12	36.53	30.15
164	815	36.38	38.23	36.86	34.96	37.98	38.15	36.57	30.19
165	820	36.41	38.27	36.90	35.00	38.03	38.19	36.61	30.23
166	825	36.45	38.31	36.93	35.03	38.06	38.23	36.65	30.27
167	830	36.49	38.34	36.97	35.06	38.09	38.26	36.69	30.30
168	835	36.52	38.38	37.00	35.10	38.13	38.30	36.72	30.34
169	840	36.56	38.42	37.04	35.13	38.16	38.33	36.76	30.38

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170	845	36.60	38.46	37.08	35.17	38.20	38.36	36.80	30.42
171	850	36.64	38.50	37.12	35.21	38.24	38.40	36.84	30.45
172	855	36.67	38.53	37.15	35.24	38.28	38.44	36.87	30.49
173	860	36.71	38.57	37.18	35.28	38.31	38.48	36.91	30.52
174	865	36.74	38.61	37.22	35.31	38.35	38.52	36.94	30.55
175	870	36.78	38.65	37.24	35.32	38.39	38.56	36.96	30.57
176	875	36.81	38.68	37.28	35.37	38.43	38.59	37.01	30.62
177	880	36.85	38.72	37.32	35.41	38.47	38.63	37.05	30.67
178	885	36.89	38.75	37.36	35.45	38.50	38.67	37.09	30.70
179	890	36.92	38.79	37.39	35.48	38.54	38.70	37.13	30.74
180	895	36.95	38.82	37.42	35.51	38.58	38.74	37.16	30.77
181	900	36.99	38.86	37.46	35.55	38.61	38.78	37.20	30.81
182	905	37.02	38.89	37.50	35.58	38.65	38.82	37.24	30.84
183	910	37.06	38.93	37.53	35.62	38.68	38.85	37.27	30.88
184	915	37.09	38.96	37.56	35.65	38.72	38.88	37.31	30.92
185	920	37.13	39.00	37.59	35.68	38.76	38.92	37.34	30.95
186	925	37.16	39.03	37.63	35.71	38.79	38.95	37.38	30.98
187	930	37.19	39.07	37.66	35.74	38.83	38.99	37.41	31.02
188	935	37.23	39.10	37.69	35.76	38.86	39.02	37.42	31.03
189	940	37.26	39.13	37.72	35.80	38.90	39.06	37.47	31.08
190	945	37.30	39.17	37.76	35.84	38.93	39.09	37.52	31.12
191	950	37.33	39.21	37.79	35.87	38.97	39.13	37.55	31.15
192	955	37.36	39.24	37.83	35.91	39.00	39.16	37.58	31.19
193	960	37.39	39.27	37.86	35.94	39.03	39.19	37.62	31.22
194	965	37.43	39.31	37.89	35.97	39.07	39.23	37.65	31.26
195	970	37.46	39.34	37.92	36.00	39.11	39.26	37.69	31.29
196	975	37.50	39.37	37.95	36.03	39.14	39.30	37.72	31.31
197	980	37.53	39.41	37.99	36.06	39.17	39.33	37.75	31.35
198	985	37.56	39.44	38.02	36.10	39.21	39.36	37.79	31.39
199	990	37.59	39.47	38.05	36.13	39.24	39.40	37.82	31.42
200	995	37.62	39.51	38.08	36.16	39.28	39.43	37.86	31.46
201	1000	37.65	39.54	38.11	36.19	39.31	39.46	37.89	31.49
202	1005	37.69	39.57	38.14	36.22	39.34	39.49	37.92	31.52
203	1010	37.72	39.61	38.18	36.26	39.38	39.53	37.95	31.55
204	1015	37.75	39.63	38.20	36.29	39.41	39.56	37.99	31.58
205	1020	37.78	39.67	38.24	36.32	39.44	39.59	38.02	31.62
206	1025	37.81	39.70	38.27	36.35	39.47	39.63	38.05	31.66
207	1030	37.84	39.73	38.30	36.38	39.50	39.66	38.08	31.69
208	1035	37.88	39.76	38.33	36.41	39.54	39.69	38.11	31.71
209	1040	37.91	39.80	38.36	36.44	39.57	39.72	38.15	31.75
210	1045	37.94	39.83	38.39	36.47	39.60	39.74	38.18	31.78
211	1050	37.97	39.86	38.42	36.50	39.63	39.78	38.21	31.81
212	1055	38.00	39.88	38.45	36.53	39.66	39.81	38.24	31.84

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_3/^\circ\text{C}$	$\theta_4/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_6/^\circ\text{C}$	$\theta_7/^\circ\text{C}$	$\theta_8/^\circ\text{C}$
213	1060	38.03	39.92	38.48	36.56	39.69	39.84	38.28	31.88
214	1065	38.06	39.95	38.51	36.58	39.72	39.87	38.31	31.91
215	1070	38.09	39.98	38.54	36.61	39.75	39.90	38.34	31.94
216	1075	38.12	40.01	38.57	36.64	39.78	39.93	38.36	31.97
217	1080	38.15	40.04	38.60	36.67	39.82	39.96	38.40	32.00
218	1085	38.18	40.07	38.63	36.70	39.84	39.99	38.42	32.03
219	1090	38.21	40.10	38.65	36.73	39.88	40.02	38.46	32.06
220	1095	38.24	40.13	38.68	36.76	39.90	40.05	38.48	32.08
221	1100	38.27	40.16	38.71	36.78	39.93	40.08	38.52	32.12
222	1105	38.30	40.19	38.74	36.82	39.96	40.11	38.55	32.15
223	1110	38.33	40.21	38.77	36.84	39.99	40.14	38.58	32.18
224	1115	38.36	40.25	38.79	36.87	40.02	40.16	38.61	32.21
225	1120	38.39	40.27	38.82	36.90	40.05	40.19	38.64	32.25
226	1125	38.41	40.30	38.85	36.92	40.08	40.22	38.66	32.27
227	1130	38.44	40.33	38.88	36.95	40.10	40.25	38.69	32.30
228	1135	38.47	40.36	38.91	36.98	40.13	40.28	38.72	32.33
229	1140	38.50	40.39	38.93	37.00	40.16	40.30	38.74	32.35
230	1145	38.53	40.42	38.96	37.03	40.19	40.33	38.77	32.39
231	1150	38.55	40.44	38.98	37.06	40.21	40.36	38.80	32.42
232	1155	38.58	40.47	39.01	37.08	40.24	40.39	38.83	32.45
233	1160	38.61	40.50	39.05	37.11	40.27	40.41	38.86	32.48
234	1165	38.64	40.53	39.07	37.13	40.30	40.44	38.88	32.50
235	1170	38.66	40.56	39.09	37.16	40.33	40.47	38.91	32.53
236	1175	38.69	40.58	39.12	37.19	40.35	40.50	38.94	32.56
237	1180	38.72	40.61	39.14	37.22	40.38	40.52	38.97	32.59
238	1185	38.74	40.64	39.17	37.24	40.41	40.55	39.00	32.62
239	1190	38.77	40.67	39.20	37.27	40.44	40.58	39.03	32.64
240	1195	38.80	40.69	39.22	37.29	40.46	40.61	39.05	32.67
241	1200	38.82	40.72	39.25	37.32	40.49	40.63	39.08	32.70
242	1205	38.85	40.75	39.28	37.34	40.51	40.66	39.10	32.72
243	1210	38.88	40.77	39.30	37.37	40.54	40.68	39.13	32.76
244	1215	38.91	40.80	39.33	37.39	40.57	40.71	39.16	32.78
245	1220	38.93	40.83	39.35	37.42	40.60	40.74	39.18	32.80
246	1225	38.95	40.85	39.38	37.45	40.62	40.77	39.21	32.83
247	1230	38.98	40.88	39.40	37.47	40.64	40.79	39.24	32.86
248	1235	39.00	40.90	39.44	37.50	40.67	40.81	39.26	32.89
249	1240	39.03	40.93	39.46	37.52	40.69	40.84	39.29	32.91
250	1245	39.05	40.96	39.48	37.55	40.71	40.86	39.32	32.95
251	1250	39.08	40.98	39.51	37.57	40.74	40.89	39.34	32.97
252	1255	39.10	41.01	39.53	37.60	40.77	40.91	39.37	33.00
253	1260	39.12	41.02	39.55	37.62	40.79	40.94	39.40	33.02
254	1265	39.15	41.05	39.57	37.64	40.82	40.97	39.42	33.05
255	1270	39.18	41.08	39.60	37.67	40.84	40.99	39.45	33.08

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_3/^\circ\text{C}$	$\theta_4/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_6/^\circ\text{C}$	$\theta_7/^\circ\text{C}$	$\theta_8/^\circ\text{C}$
256	1275	39.20	41.10	39.62	37.69	40.87	41.01	39.48	33.10
257	1280	39.22	41.13	39.65	37.71	40.89	41.04	39.50	33.13
258	1285	39.24	41.15	39.67	37.74	40.91	41.06	39.53	33.16
259	1290	39.27	41.17	39.70	37.76	40.94	41.08	39.55	33.18
260	1295	39.30	41.20	39.72	37.79	40.96	41.11	39.57	33.20
261	1300	39.32	41.22	39.74	37.81	40.98	41.13	39.60	33.23
262	1305	39.34	41.25	39.76	37.83	41.01	41.16	39.62	33.26
263	1310	39.37	41.27	39.79	37.85	41.03	41.18	39.65	33.28
264	1315	39.39	41.29	39.81	37.88	41.05	41.20	39.67	33.30
265	1320	39.41	41.32	39.83	37.91	41.08	41.23	39.69	33.33
266	1325	39.44	41.34	39.86	37.92	41.10	41.25	39.72	33.36
267	1330	39.46	41.36	39.88	37.94	41.13	41.27	39.74	33.37
268	1335	39.48	41.39	39.90	37.97	41.15	41.30	39.76	33.40
269	1340	39.50	41.41	39.93	37.99	41.18	41.32	39.79	33.42
270	1345	39.53	41.44	39.95	38.01	41.20	41.34	39.81	33.45
271	1350	39.55	41.46	39.97	38.03	41.22	41.37	39.84	33.47
272	1355	39.57	41.48	39.99	38.05	41.24	41.39	39.86	33.50
273	1360	39.59	41.50	40.01	38.08	41.27	41.41	39.88	33.52
274	1365	39.62	41.53	40.03	38.10	41.29	41.44	39.91	33.55
275	1370	39.64	41.55	40.06	38.12	41.31	41.46	39.93	33.57
276	1375	39.66	41.57	40.07	38.14	41.33	41.48	39.95	33.59
277	1380	39.68	41.59	40.10	38.16	41.36	41.50	39.98	33.62
278	1385	39.70	41.61	40.12	38.18	41.38	41.53	40.00	33.64
279	1390	39.72	41.64	40.14	38.19	41.40	41.55	40.02	33.66
280	1395	39.74	41.66	40.16	38.22	41.43	41.58	40.04	33.69
281	1400	39.76	41.68	40.18	38.24	41.45	41.60	40.07	33.71
282	1405	39.78	41.70	40.20	38.26	41.46	41.62	40.09	33.74
283	1410	39.80	41.72	40.22	38.28	41.48	41.64	40.11	33.76
284	1415	39.82	41.74	40.24	38.30	41.51	41.66	40.14	33.78
285	1420	39.84	41.76	40.25	38.32	41.52	41.68	40.17	33.81
286	1425	39.85	41.78	40.28	38.34	41.55	41.71	40.19	33.83
287	1430	39.87	41.80	40.29	38.36	41.57	41.73	40.21	33.85
288	1435	39.89	41.82	40.31	38.37	41.59	41.75	40.23	33.87
289	1440	39.91	41.84	40.33	38.39	41.61	41.77	40.25	33.90
290	1445	39.92	41.85	40.35	38.41	41.62	41.79	40.27	33.92
291	1450	39.94	41.88	40.37	38.43	41.63	41.80	40.30	33.94
292	1455	39.96	41.90	40.39	38.44	41.64	41.81	40.31	33.95
293	1460	39.98	41.92	40.41	38.47	41.67	41.84	40.33	33.98
294	1465	40.00	41.94	40.44	38.49	41.70	41.86	40.35	34.00
295	1470	40.02	41.96	40.46	38.51	41.72	41.88	40.37	34.02
296	1475	40.04	41.98	40.48	38.53	41.74	41.90	40.40	34.04
297	1480	40.06	42.00	40.50	38.55	41.76	41.93	40.42	34.07
298	1485	40.09	42.02	40.52	38.57	41.78	41.94	40.44	34.09

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_3/^\circ\text{C}$	$\theta_4/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_6/^\circ\text{C}$	$\theta_7/^\circ\text{C}$	$\theta_8/^\circ\text{C}$
299	1490	40.11	42.04	40.54	38.59	41.80	41.97	40.46	34.10
300	1495	40.13	42.06	40.56	38.61	41.83	41.99	40.48	34.13
301	1500	40.15	42.09	40.58	38.64	41.85	42.00	40.50	34.15
302	1505	40.17	42.10	40.60	38.66	41.86	42.03	40.53	34.17
303	1510	40.19	42.12	40.61	38.66	41.87	42.02	40.53	34.19
304	1515	40.21	42.13	40.63	38.69	41.90	42.04	40.55	34.21
305	1520	40.23	42.15	40.64	38.71	41.92	42.05	40.58	34.24
306	1525	40.25	42.16	40.66	38.73	41.93	42.06	40.60	34.26
307	1530	40.27	42.18	40.67	38.75	41.95	42.08	40.61	34.28
308	1535	40.29	42.20	40.69	38.77	41.97	42.10	40.62	34.30
309	1540	40.31	42.21	40.70	38.79	41.98	42.11	40.64	34.32
310	1545	40.33	42.23	40.72	38.80	42.00	42.13	40.65	34.35
311	1550	40.35	42.24	40.73	38.82	42.01	42.14	40.67	34.36
312	1555	40.37	42.26	40.75	38.84	42.03	42.17	40.69	34.39
313	1560	40.39	42.28	40.77	38.85	42.04	42.17	40.70	34.41
314	1565	40.41	42.30	40.78	38.87	42.06	42.19	40.72	34.43
315	1570	40.42	42.32	40.80	38.89	42.08	42.21	40.74	34.45
316	1575	40.44	42.33	40.82	38.90	42.10	42.22	40.74	34.47
317	1580	40.46	42.35	40.84	38.92	42.11	42.23	40.76	34.49
318	1585	40.48	42.37	40.85	38.94	42.13	42.25	40.78	34.51
319	1590	40.50	42.39	40.87	38.96	42.15	42.27	40.80	34.53
320	1595	40.52	42.41	40.89	38.97	42.16	42.27	40.80	34.54
321	1600	40.53	42.42	40.90	38.99	42.18	42.29	40.82	34.56
322	1605	40.46	42.37	40.92	39.00	42.10	42.24	40.83	34.58
323	1610	40.47	42.38	40.93	39.02	42.11	42.26	40.86	34.60
324	1615	40.48	42.40	40.95	39.04	42.12	42.27	40.87	34.62
325	1620	40.49	42.42	40.96	39.06	42.14	42.28	40.90	34.65
326	1625	40.51	42.43	40.97	39.07	42.15	42.29	40.91	34.67
327	1630	40.53	42.44	40.98	39.09	42.16	42.29	40.92	34.68
328	1635	40.54	42.44	40.98	39.10	42.18	42.29	40.93	34.70
329	1640	40.56	42.45	40.99	39.12	42.19	42.30	40.95	34.72
330	1645	40.57	42.45	40.99	39.13	42.20	42.31	40.96	34.73
331	1650	40.59	42.46	41.00	39.14	42.21	42.33	40.97	34.75
332	1655	40.60	42.47	41.00	39.15	42.22	42.34	40.98	34.77
333	1660	40.61	42.48	41.01	39.15	42.24	42.35	40.98	34.79
334	1665	40.63	42.50	41.02	39.17	42.24	42.36	41.00	34.80
335	1670	40.64	42.50	41.03	39.18	42.26	42.37	41.01	34.82
336	1675	40.66	42.52	41.04	39.19	42.27	42.38	41.02	34.84
337	1680	40.67	42.53	41.05	39.20	42.28	42.40	41.03	34.86
338	1685	40.69	42.54	41.07	39.21	42.30	42.41	41.04	34.87
339	1690	40.70	42.56	41.08	39.22	42.31	42.42	41.05	34.89
340	1695	40.71	42.57	41.09	39.24	42.32	42.44	41.07	34.90
341	1700	40.72	42.58	41.10	39.25	42.33	42.45	41.08	34.92

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342	1705	40.74	42.60	41.11	39.26	42.35	42.46	41.09	34.93
343	1710	40.75	42.61	41.13	39.27	42.36	42.48	41.10	34.95
344	1715	40.76	42.62	41.13	39.28	42.37	42.49	41.12	34.97
345	1720	40.78	42.64	41.15	39.29	42.38	42.50	41.13	34.98
346	1725	40.79	42.66	41.17	39.31	42.40	42.52	41.14	35.00
347	1730	40.81	42.67	41.18	39.32	42.41	42.53	41.16	35.01
348	1735	40.82	42.69	41.19	39.33	42.43	42.55	41.17	35.03
349	1740	40.83	42.70	41.21	39.35	42.44	42.57	41.19	35.04
350	1745	40.85	42.72	41.22	39.36	42.45	42.58	41.20	35.06
351	1750	40.86	42.74	41.24	39.37	42.47	42.60	41.22	35.07
352	1755	40.87	42.75	41.25	39.39	42.49	42.62	41.23	35.09
353	1760	40.89	42.76	41.27	39.40	42.50	42.63	41.25	35.10
354	1765	40.90	42.78	41.28	39.41	42.51	42.64	41.27	35.12
355	1770	40.92	42.79	41.30	39.43	42.53	42.66	41.28	35.14
356	1775	40.93	42.81	41.31	39.44	42.55	42.67	41.30	35.15
357	1780	40.94	42.83	41.33	39.45	42.56	42.69	41.31	35.16
358	1785	40.96	42.84	41.34	39.47	42.58	42.71	41.33	35.18
359	1790	40.97	42.85	41.36	39.48	42.60	42.72	41.34	35.20
360	1795	40.99	42.87	41.37	39.49	42.61	42.74	41.36	35.21
361	1800	41.00	42.88	41.38	39.50	42.62	42.75	41.38	35.23
362	1805	41.01	42.90	41.40	39.52	42.63	42.77	41.39	35.25
363	1810	41.03	42.91	41.41	39.54	42.64	42.78	41.41	35.26
364	1815	41.04	42.93	41.42	39.55	42.66	42.79	41.42	35.28
365	1820	41.06	42.94	41.44	39.56	42.67	42.81	41.44	35.29
366	1825	41.07	42.95	41.45	39.57	42.68	42.82	41.45	35.31
367	1830	41.08	42.97	41.47	39.59	42.70	42.83	41.47	35.32
368	1835	41.10	42.98	41.48	39.61	42.71	42.85	41.48	35.34
369	1840	41.11	43.00	41.49	39.62	42.73	42.86	41.50	35.36
370	1845	41.12	43.01	41.51	39.63	42.74	42.88	41.51	35.37
371	1850	41.14	43.03	41.52	39.65	42.76	42.89	41.53	35.39
372	1855	41.15	43.04	41.54	39.66	42.77	42.91	41.54	35.41
373	1860	41.17	43.05	41.55	39.67	42.78	42.92	41.56	35.42
374	1865	41.18	43.07	41.56	39.68	42.80	42.94	41.58	35.44
375	1870	41.20	43.08	41.58	39.70	42.81	42.95	41.59	35.45
376	1875	41.21	43.09	41.59	39.71	42.83	42.96	41.61	35.47
377	1880	41.22	43.11	41.60	39.72	42.84	42.98	41.62	35.48
378	1885	41.23	43.12	41.62	39.73	42.86	43.00	41.63	35.50
379	1890	41.25	43.13	41.63	39.75	42.87	43.01	41.65	35.51
380	1895	41.26	43.15	41.64	39.76	42.88	43.02	41.67	35.53
381	1900	41.27	43.16	41.66	39.78	42.90	43.03	41.68	35.54
382	1905	41.28	43.17	41.67	39.79	42.90	43.05	41.69	35.55
383	1910	41.29	43.18	41.68	39.80	42.91	43.06	41.70	35.57
384	1915	41.30	43.20	41.69	39.82	42.92	43.07	41.72	35.59

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385	1920	41.31	43.21	41.70	39.83	42.93	43.08	41.73	35.60
386	1925	41.32	43.22	41.72	39.84	42.95	43.09	41.75	35.62
387	1930	41.33	43.23	41.73	39.85	42.96	43.10	41.76	35.63
388	1935	41.35	43.24	41.75	39.87	42.97	43.11	41.77	35.65
389	1940	41.36	43.26	41.75	39.88	42.99	43.13	41.79	35.66
390	1945	41.37	43.27	41.77	39.89	43.00	43.14	41.80	35.67
391	1950	41.39	43.28	41.78	39.90	43.02	43.16	41.81	35.69
392	1955	41.40	43.30	41.79	39.91	43.03	43.16	41.82	35.70
393	1960	41.41	43.31	41.80	39.93	43.05	43.18	41.84	35.72
394	1965	41.42	43.32	41.82	39.94	43.06	43.20	41.85	35.73
395	1970	41.43	43.33	41.83	39.95	43.07	43.21	41.87	35.74
396	1975	41.44	43.34	41.84	39.97	43.08	43.22	41.88	35.76
397	1980	41.46	43.36	41.85	39.98	43.09	43.23	41.89	35.77
398	1985	41.47	43.37	41.86	39.99	43.10	43.25	41.90	35.79
399	1990	41.48	43.38	41.87	40.00	43.12	43.26	41.92	35.80
400	1995	41.49	43.39	41.89	40.01	43.13	43.27	41.93	35.81
401	2000	41.50	43.40	41.90	40.02	43.15	43.28	41.95	35.83
402	2005	41.52	43.41	41.91	40.04	43.16	43.30	41.96	35.84
403	2010	41.53	43.43	41.93	40.05	43.17	43.31	41.97	35.85
404	2015	41.54	43.44	41.94	40.06	43.18	43.32	41.99	35.87
405	2020	41.55	43.45	41.96	40.08	43.20	43.34	41.99	35.88
406	2025	41.57	43.47	41.97	40.09	43.21	43.35	42.01	35.90
407	2030	41.58	43.48	41.98	40.10	43.22	43.36	42.02	35.91
408	2035	41.60	43.49	41.99	40.12	43.24	43.37	42.04	35.92
409	2040	41.61	43.50	42.01	40.13	43.25	43.39	42.05	35.94
410	2045	41.62	43.52	42.01	40.14	43.26	43.40	42.06	35.95
411	2050	41.64	43.53	42.03	40.16	43.27	43.41	42.07	35.97
412	2055	41.65	43.54	42.04	40.16	43.29	43.43	42.08	35.98
413	2060	41.66	43.56	42.05	40.18	43.30	43.44	42.10	35.99
414	2065	41.67	43.57	42.06	40.19	43.31	43.45	42.11	36.01
415	2070	41.68	43.58	42.07	40.20	43.32	43.46	42.12	36.02
416	2075	41.69	43.59	42.08	40.21	43.34	43.47	42.13	36.03
417	2080	41.70	43.60	42.10	40.21	43.35	43.48	42.15	36.05
418	2085	41.71	43.62	42.11	40.23	43.36	43.50	42.16	36.06

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_3/^\circ\text{C}$	$\theta_4/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_6/^\circ\text{C}$	$\theta_7/^\circ\text{C}$	$\theta_8/^\circ\text{C}$
419	2090	41.72	43.63	42.12	40.24	43.37	43.51	42.18	36.08
420	2095	41.73	43.64	42.13	40.25	43.38	43.53	42.18	36.08
421	2100	41.75	43.66	42.14	40.26	43.39	43.54	42.20	36.09
422	2105	41.76	43.66	42.16	40.28	43.41	43.55	42.21	36.11
423	2110	41.77	43.68	42.17	40.28	43.42	43.56	42.22	36.12
424	2115	41.78	43.69	42.17	40.30	43.43	43.57	42.23	36.13
425	2120	41.79	43.70	42.19	40.31	43.45	43.58	42.25	36.15
426	2125	41.80	43.71	42.20	40.32	43.45	43.59	42.26	36.16

Tabelle 1: Daten der statischen Messung

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_6/^\circ\text{C}$
1	0	27.40	27.77	28.64	28.51
2	2	27.45	27.83	28.74	28.68
3	4	27.48	27.89	29.01	29.03
4	6	27.53	28.02	29.38	29.46
5	8	27.59	28.17	29.80	29.94
6	10	27.67	28.37	30.25	30.39
7	12	27.77	28.60	30.70	30.85
8	14	27.88	28.85	31.13	31.28
9	16	28.02	29.12	31.55	31.69
10	18	28.16	29.39	31.96	32.07
11	20	28.32	29.67	32.34	32.43
12	22	28.49	29.96	32.71	32.78
13	24	28.66	30.24	33.06	33.11
14	26	28.85	30.54	33.39	33.43
15	28	29.03	30.82	33.71	33.74
16	30	29.21	31.11	34.00	34.04
17	32	29.40	31.39	34.29	34.31
18	34	29.59	31.67	34.56	34.59
19	36	29.77	31.96	34.84	34.87
20	38	29.96	32.24	35.09	35.14
21	40	30.16	32.51	35.34	35.39
22	42	30.34	32.78	35.43	35.39
23	44	30.53	33.01	35.29	35.15
24	46	30.70	33.16	34.99	34.78
25	48	30.84	33.24	34.62	34.39
26	50	30.95	33.26	34.22	34.00
27	52	31.03	33.25	33.81	33.64
28	54	31.06	33.20	33.42	33.31
29	56	31.11	33.12	33.05	33.00
30	58	31.11	33.03	32.70	32.72
31	60	31.09	32.93	32.38	32.47

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_6/^\circ\text{C}$
32	62	31.07	32.81	32.08	32.23
33	64	31.03	32.69	31.80	32.02
34	66	30.98	32.57	31.53	31.82
35	68	30.93	32.44	31.29	31.64
36	70	30.88	32.31	31.08	31.47
37	72	30.81	32.18	30.88	31.31
38	74	30.75	32.06	30.69	31.17
39	76	30.69	31.93	30.53	31.04
40	78	30.62	31.80	30.38	30.91
41	80	30.55	31.67	30.25	30.82
42	82	30.49	31.56	30.30	30.97
43	84	30.43	31.49	30.56	31.34
44	86	30.39	31.49	30.96	31.82
45	88	30.36	31.55	31.42	32.32
46	90	30.37	31.67	31.92	32.82
47	92	30.41	31.83	32.42	33.31
48	94	30.48	32.01	32.91	33.76
49	96	30.57	32.23	33.39	34.19
50	98	30.68	32.45	33.84	34.60
51	100	30.82	32.69	34.27	34.98
52	102	30.95	32.94	34.69	35.34
53	104	31.10	33.19	35.07	35.68
54	106	31.26	33.45	35.45	36.01
55	108	31.43	33.71	35.81	36.33
56	110	31.60	33.98	36.15	36.63
57	112	31.78	34.24	36.47	36.93
58	114	31.96	34.50	36.78	37.21
59	116	32.13	34.77	37.08	37.49
60	118	32.32	35.03	37.36	37.75
61	120	32.50	35.29	37.62	37.99
62	122	32.68	35.54	37.72	37.99
63	124	32.85	35.74	37.60	37.73
64	126	33.02	35.89	37.32	37.38
65	128	33.16	35.96	36.99	37.00
66	130	33.26	35.98	36.61	36.62
67	132	33.34	35.95	36.23	36.26
68	134	33.39	35.89	35.85	35.93
69	136	33.41	35.81	35.50	35.63
70	138	33.42	35.72	35.16	35.35
71	140	33.40	35.61	34.85	35.09
72	142	33.37	35.48	34.55	34.85
73	144	33.34	35.36	34.28	34.62
74	146	33.29	35.23	34.03	34.41

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_6/^\circ\text{C}$
75	148	33.24	35.09	33.79	34.22
76	150	33.18	34.96	33.56	34.04
77	152	33.12	34.82	33.36	33.87
78	154	33.06	34.68	33.17	33.71
79	156	32.99	34.54	32.99	33.56
80	158	32.92	34.40	32.83	33.41
81	160	32.85	34.27	32.69	33.30
82	162	32.78	34.14	32.72	33.43
83	164	32.72	34.06	32.97	33.80
84	166	32.67	34.04	33.37	34.27
85	168	32.64	34.09	33.84	34.78
86	170	32.65	34.20	34.34	35.28
87	172	32.68	34.35	34.85	35.77
88	174	32.75	34.53	35.35	36.23
89	176	32.84	34.74	35.81	36.65
90	178	32.95	34.96	36.27	37.06
91	180	33.08	35.20	36.71	37.44
92	182	33.22	35.44	37.12	37.80
93	184	33.37	35.69	37.51	38.14
94	186	33.53	35.94	37.89	38.47
95	188	33.69	36.20	38.24	38.78
96	190	33.86	36.46	38.58	39.08
97	192	34.03	36.72	38.89	39.37
98	194	34.21	36.98	39.20	39.64
99	196	34.39	37.23	39.49	39.91
100	198	34.56	37.49	39.77	40.17
101	200	34.74	37.75	40.03	40.40
102	202	34.92	38.00	40.13	40.40
103	204	35.10	38.20	40.00	40.15
104	206	35.27	38.33	39.72	39.78
105	208	35.40	38.40	39.37	39.39
106	210	35.50	38.41	38.99	38.99
107	212	35.58	38.38	38.60	38.62
108	214	35.62	38.31	38.22	38.28
109	216	35.64	38.22	37.84	37.96
110	218	35.64	38.12	37.50	37.66
111	220	35.62	38.00	37.17	37.40
112	222	35.60	37.87	36.87	37.15
113	224	35.55	37.73	36.59	36.91
114	226	35.50	37.59	36.33	36.70
115	228	35.44	37.44	36.09	36.50
116	230	35.38	37.30	35.86	36.31
117	232	35.31	37.15	35.65	36.13

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_6/^\circ\text{C}$
118	234	35.24	37.01	35.46	35.96
119	236	35.17	36.86	35.28	35.81
120	238	35.10	36.72	35.11	35.66
121	240	35.03	36.57	34.97	35.54
122	242	34.96	36.44	34.99	35.66
123	244	34.89	36.35	35.23	36.01
124	246	34.83	36.32	35.63	36.48
125	248	34.80	36.37	36.10	36.99
126	250	34.80	36.47	36.60	37.50
127	252	34.84	36.61	37.10	37.98
128	254	34.90	36.79	37.60	38.44
129	256	34.99	36.99	38.08	38.87
130	258	35.09	37.21	38.53	39.26
131	260	35.22	37.43	38.97	39.64
132	262	35.35	37.68	39.38	40.00
133	264	35.50	37.92	39.77	40.34
134	266	35.66	38.17	40.14	40.66
135	268	35.82	38.43	40.49	40.97
136	270	35.99	38.68	40.82	41.26
137	272	36.16	38.93	41.13	41.55
138	274	36.33	39.19	41.44	41.81
139	276	36.50	39.44	41.72	42.07
140	278	36.68	39.69	41.99	42.32
141	280	36.86	39.94	42.23	42.54
142	282	37.04	40.18	42.31	42.51
143	284	37.21	40.37	42.17	42.24
144	286	37.36	40.50	41.89	41.88
145	288	37.49	40.55	41.54	41.47
146	290	37.59	40.56	41.14	41.09
147	292	37.66	40.52	40.76	40.71
148	294	37.69	40.44	40.37	40.37
149	296	37.72	40.35	40.01	40.06
150	298	37.71	40.24	39.67	39.76
151	300	37.69	40.12	39.34	39.50
152	302	37.65	39.99	39.05	39.24
153	304	37.61	39.85	38.76	39.01
154	306	37.55	39.70	38.50	38.79
155	308	37.49	39.56	38.26	38.59
156	310	37.43	39.41	38.03	38.39
157	312	37.36	39.26	37.82	38.21
158	314	37.29	39.11	37.62	38.04
159	316	37.22	38.96	37.43	37.88
160	318	37.14	38.81	37.26	37.72

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_6/^\circ\text{C}$
161	320	37.07	38.66	37.11	37.60
162	322	36.99	38.52	37.11	37.70
163	324	36.92	38.42	37.35	38.05
164	326	36.86	38.39	37.74	38.52
165	328	36.83	38.42	38.20	39.02
166	330	36.82	38.52	38.70	39.52
167	332	36.85	38.66	39.19	39.99
168	334	36.91	38.84	39.68	40.44
169	336	36.99	39.03	40.15	40.86
170	338	37.09	39.24	40.60	41.26
171	340	37.21	39.47	41.02	41.63
172	342	37.34	39.70	41.42	41.97
173	344	37.49	39.94	41.80	42.30
174	346	37.64	40.18	42.16	42.61
175	348	37.79	40.42	42.49	42.90
176	350	37.96	40.67	42.81	43.18
177	352	38.12	40.91	43.11	43.44
178	354	38.29	41.15	43.39	43.70
179	356	38.46	41.40	43.67	43.95
180	358	38.63	41.64	43.93	44.19
181	360	38.79	41.88	44.17	44.40
182	362	38.96	42.10	44.24	44.37
183	364	39.13	42.30	44.10	44.11
184	366	39.28	42.41	43.81	43.73
185	368	39.40	42.46	43.46	43.33
186	370	39.50	42.46	43.06	42.93
187	372	39.56	42.41	42.66	42.55
188	374	39.59	42.33	42.28	42.19
189	376	39.60	42.23	41.90	41.87
190	378	39.59	42.11	41.54	41.56
191	380	39.56	41.98	41.21	41.28
192	382	39.52	41.83	40.90	41.02
193	384	39.47	41.69	40.61	40.78
194	386	39.41	41.53	40.33	40.55
195	388	39.34	41.38	40.08	40.33
196	390	39.27	41.22	39.85	40.13
197	392	39.19	41.06	39.63	39.93
198	394	39.11	40.90	39.42	39.76
199	396	39.03	40.74	39.22	39.58
200	398	38.94	40.58	39.05	39.42
201	400	38.86	40.43	38.88	39.27
202	402	38.78	40.27	38.84	39.31
203	404	38.70	40.16	39.04	39.64

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_6/^\circ\text{C}$
204	406	38.63	40.10	39.41	40.10
205	408	38.59	40.13	39.87	40.61
206	410	38.57	40.21	40.36	41.12
207	412	38.59	40.34	40.88	41.61
208	414	38.64	40.51	41.37	42.07
209	416	38.71	40.70	41.86	42.51
210	418	38.81	40.91	42.32	42.92
211	420	38.92	41.14	42.76	43.31
212	422	39.05	41.38	43.18	43.68
213	424	39.19	41.62	43.58	44.02
214	426	39.34	41.87	43.96	44.35
215	428	39.50	42.11	44.32	44.66
216	430	39.66	42.37	44.65	44.97
217	432	39.83	42.62	44.97	45.24
218	434	40.01	42.87	45.27	45.51
219	436	40.17	43.12	45.55	45.78
220	438	40.34	43.38	45.83	46.02
221	440	40.52	43.62	46.08	46.24
222	442	40.69	43.86	46.14	46.19
223	444	40.86	44.05	45.99	45.91
224	446	41.01	44.17	45.69	45.52
225	448	41.13	44.22	45.32	45.11
226	450	41.23	44.21	44.92	44.70
227	452	41.29	44.17	44.51	44.32
228	454	41.32	44.09	44.11	43.95
229	456	41.33	43.98	43.73	43.62
230	458	41.32	43.85	43.38	43.31
231	460	41.29	43.72	43.04	43.02
232	462	41.24	43.58	42.72	42.76
233	464	41.19	43.42	42.42	42.51
234	466	41.13	43.27	42.14	42.28
235	468	41.05	43.11	41.89	42.06
236	470	40.98	42.95	41.65	41.85
237	472	40.90	42.78	41.42	41.66
238	474	40.82	42.62	41.21	41.47
239	476	40.73	42.46	41.01	41.30
240	478	40.65	42.29	40.83	41.13
241	480	40.56	42.13	40.67	41.00
242	482	40.47	41.98	40.69	41.12
243	484	40.40	41.88	40.94	41.49
244	486	40.33	41.84	41.32	41.95
245	488	40.29	41.88	41.78	42.46
246	490	40.28	41.97	42.28	42.96

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_6/^\circ\text{C}$
247	492	40.30	42.10	42.77	43.43
248	494	40.35	42.27	43.25	43.87
249	496	40.42	42.47	43.72	44.29
250	498	40.52	42.67	44.17	44.68
251	500	40.64	42.89	44.59	45.05
252	502	40.77	43.12	44.98	45.39
253	504	40.90	43.36	45.36	45.72
254	506	41.05	43.60	45.72	46.03
255	508	41.20	43.84	46.05	46.32
256	510	41.36	44.08	46.37	46.61
257	512	41.52	44.32	46.67	46.87
258	514	41.68	44.56	46.95	47.13
259	516	41.84	44.80	47.23	47.37
260	518	42.00	45.04	47.48	47.61
261	520	42.17	45.28	47.70	47.80
262	522	42.34	45.50	47.74	47.72
263	524	42.49	45.68	47.57	47.43
264	526	42.64	45.79	47.25	47.04
265	528	42.75	45.82	46.88	46.61
266	530	42.83	45.80	46.47	46.20
267	532	42.89	45.74	46.07	45.82
268	534	42.91	45.65	45.67	45.45
269	536	42.91	45.54	45.29	45.12
270	538	42.89	45.41	44.93	44.81
271	540	42.86	45.27	44.59	44.52
272	542	42.80	45.12	44.26	44.25
273	544	42.74	44.97	43.96	44.00
274	546	42.68	44.80	43.68	43.76
275	548	42.60	44.63	43.43	43.53
276	550	42.52	44.47	43.18	43.33
277	552	42.44	44.30	42.95	43.13
278	554	42.35	44.13	42.74	42.94
279	556	42.26	43.96	42.53	42.76
280	558	42.17	43.79	42.35	42.59
281	560	42.08	43.63	42.19	42.46
282	562	41.98	43.47	42.21	42.59
283	564	41.90	43.37	42.46	42.95
284	566	41.83	43.33	42.84	43.42
285	568	41.78	43.36	43.29	43.91
286	570	41.77	43.45	43.78	44.39
287	572	41.79	43.58	44.25	44.85
288	574	41.83	43.74	44.73	45.28
289	576	41.91	43.92	45.18	45.69

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_6/^\circ\text{C}$
290	578	42.00	44.13	45.61	46.07
291	580	42.11	44.34	46.03	46.43
292	582	42.23	44.56	46.41	46.77
293	584	42.36	44.78	46.79	47.09
294	586	42.50	45.02	47.13	47.39
295	588	42.64	45.24	47.46	47.67
296	590	42.79	45.49	47.77	47.95
297	592	42.95	45.72	48.06	48.21
298	594	43.10	45.95	48.34	48.47
299	596	43.26	46.19	48.61	48.71
300	598	43.42	46.42	48.86	48.94
301	600	43.58	46.65	49.08	49.13
302	602	43.74	46.87	49.14	49.08
303	604	43.89	47.05	48.98	48.80
304	606	44.03	47.15	48.67	48.41
305	608	44.15	47.19	48.30	47.98
306	610	44.23	47.17	47.89	47.57
307	612	44.28	47.11	47.48	47.17
308	614	44.30	47.01	47.08	46.81
309	616	44.30	46.90	46.68	46.46
310	618	44.28	46.77	46.32	46.14
311	620	44.23	46.62	45.97	45.84
312	622	44.18	46.46	45.64	45.56
313	624	44.11	46.30	45.33	45.29
314	626	44.04	46.13	45.04	45.05
315	628	43.96	45.96	44.77	44.81
316	630	43.87	45.79	44.51	44.59
317	632	43.79	45.61	44.26	44.37
318	634	43.69	45.43	44.03	44.17
319	636	43.59	45.25	43.82	43.98
320	638	43.50	45.08	43.62	43.80
321	640	43.40	44.91	43.43	43.63
322	642	43.30	44.74	43.40	43.69
323	644	43.21	44.61	43.59	44.01
324	646	43.12	44.55	43.95	44.46
325	648	43.07	44.55	44.40	44.96
326	650	43.04	44.62	44.88	45.45
327	652	43.04	44.75	45.36	45.92
328	654	43.08	44.90	45.84	46.36
329	656	43.14	45.07	46.31	46.78
330	658	43.22	45.27	46.75	47.17
331	660	43.33	45.47	47.17	47.54
332	662	43.44	45.70	47.57	47.89

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_6/^\circ\text{C}$
333	664	43.56	45.92	47.95	48.21
334	666	43.70	46.15	48.30	48.52
335	668	43.85	46.39	48.64	48.82
336	670	43.99	46.62	48.96	49.10
337	672	44.14	46.86	49.26	49.37
338	674	44.30	47.10	49.55	49.63
339	676	44.45	47.33	49.82	49.88
340	678	44.61	47.57	50.08	50.11
341	680	44.77	47.80	50.32	50.34
342	682	44.93	48.03	50.44	50.36
343	684	45.09	48.22	50.32	50.12
344	686	45.23	48.34	50.04	49.73
345	688	45.35	48.40	49.66	49.30
346	690	45.43	48.39	49.25	48.86
347	692	45.48	48.33	48.82	48.45
348	694	45.51	48.24	48.39	48.06
349	696	45.51	48.12	47.99	47.69
350	698	45.48	47.98	47.60	47.36
351	700	45.44	47.84	47.24	47.05
352	702	45.39	47.67	47.01	46.94
353	704	45.32	47.55	47.03	47.13
354	706	45.26	47.47	47.23	47.47
355	708	45.21	47.46	47.53	47.86
356	710	45.19	47.51	47.88	48.26
357	712	45.20	47.60	48.25	48.66
358	714	45.23	47.71	48.62	49.03
359	716	45.29	47.87	48.98	49.38
360	718	45.36	48.03	49.34	49.71
361	720	45.45	48.20	49.67	50.00
362	722	45.56	48.38	49.82	50.03
363	724	45.66	48.52	49.76	49.81
364	726	45.77	48.60	49.53	49.47
365	728	45.85	48.61	49.21	49.08
366	730	45.91	48.57	48.86	48.69
367	732	45.94	48.49	48.50	48.31
368	734	45.94	48.38	48.14	47.96
369	736	45.91	48.25	47.79	47.63
370	738	45.88	48.11	47.45	47.32
371	740	45.83	47.95	47.13	47.04
372	742	45.76	47.79	46.83	46.76
373	744	45.68	47.62	46.54	46.51
374	746	45.60	47.44	46.27	46.27
375	748	45.51	47.26	46.02	46.04

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_6/^\circ\text{C}$
376	750	45.41	47.08	45.78	45.83
377	752	45.31	46.90	45.56	45.62
378	754	45.21	46.72	45.34	45.43
379	756	45.11	46.54	45.15	45.24
380	758	45.01	46.36	44.97	45.06
381	760	44.90	46.19	44.79	44.91
382	762	44.79	46.02	44.78	45.00
383	764	44.69	45.90	45.01	45.34
384	766	44.61	45.85	45.40	45.82
385	768	44.55	45.86	45.86	46.33
386	770	44.52	45.94	46.36	46.83
387	772	44.53	46.07	46.86	47.32
388	774	44.57	46.23	47.36	47.78
389	776	44.63	46.42	47.84	48.21
390	778	44.71	46.63	48.29	48.61
391	780	44.82	46.84	48.72	48.98
392	782	44.93	47.06	49.13	49.34
393	784	45.06	47.30	49.51	49.66
394	786	45.20	47.55	49.87	49.98
395	788	45.34	47.78	50.20	50.27
396	790	45.49	48.02	50.52	50.54
397	792	45.64	48.26	50.82	50.80
398	794	45.80	48.50	51.09	51.05
399	796	45.95	48.74	51.35	51.29
400	798	46.10	48.97	51.60	51.52
401	800	46.26	49.20	51.82	51.71
402	802	46.41	49.42	51.86	51.66
403	804	46.56	49.60	51.70	51.36
404	806	46.69	49.70	51.37	50.95
405	808	46.80	49.73	50.98	50.51
406	810	46.87	49.71	50.56	50.07
407	812	46.92	49.64	50.13	49.66
408	814	46.93	49.53	49.71	49.28
409	816	46.92	49.41	49.30	48.92

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_6/^\circ\text{C}$
410	818	46.89	49.27	48.92	48.59
411	820	46.84	49.11	48.56	48.28
412	822	46.78	48.95	48.22	47.99
413	824	46.70	48.78	47.89	47.71
414	826	46.61	48.60	47.59	47.45
415	828	46.53	48.42	47.31	47.21
416	830	46.44	48.24	47.04	46.98
417	832	46.33	48.05	46.79	46.76
418	834	46.23	47.87	46.55	46.55
419	836	46.13	47.68	46.33	46.36

Tabelle 2: Daten der Messung mit 80s-Periode

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_3/^\circ\text{C}$	$\theta_4/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_6/^\circ\text{C}$	$\theta_7/^\circ\text{C}$	$\theta_8/^\circ\text{C}$
1	0	24.72	25.06	25.30	24.62	24.70	25.15	26.81	25.58
2	2	24.74	25.14	25.37	24.64	24.72	25.28	26.84	25.58
3	4	24.75	25.46	25.62	24.66	24.75	25.73	26.88	25.60
4	6	24.77	26.02	26.10	24.68	24.86	26.40	26.96	25.60
5	8	24.82	26.70	26.70	24.73	25.05	27.16	27.12	25.60
6	10	24.89	27.45	27.38	24.81	25.31	27.93	27.36	25.62
7	12	25.00	28.20	28.08	24.92	25.64	28.67	27.66	25.62
8	14	25.15	28.94	28.79	25.06	25.99	29.38	28.01	25.63
9	16	25.34	29.65	29.47	25.24	26.39	30.06	28.41	25.63
10	18	25.54	30.36	30.15	25.44	26.80	30.71	28.82	25.64
11	20	25.78	31.02	30.79	25.68	27.23	31.32	29.27	25.65
12	22	26.03	31.65	31.42	25.92	27.68	31.91	29.73	25.66
13	24	26.29	32.24	32.01	26.18	28.12	32.46	30.19	25.67
14	26	26.56	32.81	32.57	26.46	28.58	32.98	30.67	25.68
15	28	26.85	33.35	33.11	26.74	29.02	33.48	31.14	25.69
16	30	27.14	33.85	33.62	27.03	29.48	33.96	31.61	25.71
17	32	27.43	34.33	34.10	27.32	29.93	34.41	32.08	25.73
18	34	27.72	34.79	34.55	27.60	30.37	34.85	32.54	25.75
19	36	28.02	35.22	34.99	27.90	30.81	35.27	32.99	25.77
20	38	28.31	35.62	35.40	28.19	31.24	35.67	33.43	25.80
21	40	28.59	36.02	35.79	28.48	31.67	36.06	33.85	25.83
22	42	28.90	36.39	36.17	28.78	32.09	36.44	34.27	25.86
23	44	29.19	36.75	36.53	29.06	32.51	36.82	34.69	25.89
24	46	29.48	37.09	36.87	29.35	32.91	37.17	35.08	25.93
25	48	29.77	37.42	37.19	29.62	33.32	37.52	35.47	25.97
26	50	30.05	37.75	37.51	29.91	33.71	37.87	35.85	26.02
27	52	30.34	38.06	37.82	30.18	34.10	38.20	36.21	26.07
28	54	30.61	38.36	38.12	30.45	34.48	38.53	36.57	26.12
29	56	30.89	38.66	38.41	30.72	34.85	38.85	36.91	26.17

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_3/^\circ\text{C}$	$\theta_4/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_6/^\circ\text{C}$	$\theta_7/^\circ\text{C}$	$\theta_8/^\circ\text{C}$
30	58	31.16	38.94	38.68	31.00	35.22	39.16	37.24	26.23
31	60	31.43	39.21	38.95	31.25	35.58	39.46	37.58	26.28
32	62	31.70	39.48	39.21	31.52	35.94	39.76	37.89	26.35
33	64	31.97	39.74	39.46	31.78	36.29	40.06	38.19	26.41
34	66	32.24	40.00	39.69	32.03	36.63	40.34	38.50	26.48
35	68	32.49	40.24	39.93	32.28	36.96	40.61	38.78	26.54
36	70	32.75	40.48	40.16	32.53	37.29	40.88	39.06	26.62
37	72	33.00	40.71	40.37	32.76	37.61	41.15	39.33	26.69
38	74	33.26	40.94	40.58	33.01	37.93	41.41	39.60	26.76
39	76	33.50	41.16	40.79	33.24	38.24	41.66	39.85	26.84
40	78	33.75	41.38	40.99	33.47	38.54	41.91	40.10	26.92
41	80	33.99	41.60	41.19	33.70	38.84	42.15	40.33	27.00
42	82	34.23	41.80	41.38	33.92	39.13	42.38	40.57	27.08
43	84	34.48	42.01	41.56	34.14	39.42	42.62	40.80	27.16
44	86	34.71	42.21	41.74	34.37	39.70	42.85	41.01	27.26
45	88	34.94	42.41	41.92	34.58	39.97	43.07	41.23	27.33
46	90	35.17	42.59	42.09	34.79	40.25	43.29	41.43	27.42
47	92	35.40	42.79	42.26	35.00	40.51	43.51	41.64	27.51
48	94	35.62	42.97	42.43	35.21	40.77	43.72	41.83	27.59
49	96	35.84	43.16	42.59	35.41	41.02	43.92	42.02	27.68
50	98	36.06	43.34	42.75	35.60	41.28	44.13	42.21	27.77
51	100	36.28	43.51	42.91	35.80	41.52	44.32	42.39	27.86
52	102	36.49	43.66	43.05	36.00	41.76	44.47	42.57	27.96
53	104	36.70	43.61	43.03	36.19	41.98	44.32	42.74	28.05
54	106	36.90	43.31	42.80	36.37	42.15	43.90	42.86	28.13
55	108	37.08	42.86	42.41	36.54	42.23	43.38	42.94	28.23
56	110	37.22	42.34	41.94	36.67	42.23	42.83	42.95	28.32
57	112	37.33	41.79	41.44	36.76	42.17	42.30	42.90	28.41
58	114	37.40	41.25	40.92	36.82	42.05	41.80	42.80	28.50
59	116	37.44	40.72	40.41	36.83	41.90	41.32	42.66	28.59
60	118	37.44	40.21	39.93	36.83	41.74	40.88	42.48	28.68
61	120	37.42	39.74	39.46	36.80	41.54	40.47	42.26	28.77
62	122	37.39	39.30	39.01	36.75	41.33	40.10	42.02	28.86
63	124	37.33	38.88	38.59	36.68	41.11	39.74	41.78	28.95
64	126	37.26	38.49	38.20	36.60	40.90	39.41	41.51	29.03
65	128	37.19	38.13	37.83	36.50	40.67	39.10	41.24	29.11
66	130	37.10	37.79	37.47	36.41	40.43	38.80	40.96	29.19
67	132	37.01	37.47	37.14	36.30	40.20	38.53	40.68	29.27
68	134	36.92	37.18	36.84	36.19	39.97	38.27	40.41	29.35
69	136	36.82	36.91	36.55	36.08	39.74	38.02	40.13	29.43
70	138	36.71	36.66	36.28	35.96	39.51	37.78	39.86	29.50
71	140	36.61	36.42	36.03	35.84	39.28	37.56	39.60	29.57
72	142	36.50	36.20	35.80	35.73	39.06	37.35	39.33	29.63

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_3/^\circ\text{C}$	$\theta_4/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_6/^\circ\text{C}$	$\theta_7/^\circ\text{C}$	$\theta_8/^\circ\text{C}$
73	144	36.40	36.00	35.58	35.61	38.84	37.14	39.06	29.70
74	146	36.29	35.81	35.37	35.49	38.63	36.95	38.81	29.76
75	148	36.19	35.64	35.18	35.38	38.42	36.77	38.58	29.82
76	150	36.09	35.48	35.01	35.26	38.21	36.59	38.34	29.87
77	152	35.99	35.32	34.84	35.15	38.01	36.42	38.12	29.92
78	154	35.89	35.17	34.69	35.04	37.81	36.27	37.90	29.97
79	156	35.79	35.04	34.55	34.93	37.62	36.11	37.70	30.01
80	158	35.68	34.92	34.41	34.82	37.44	35.96	37.49	30.05
81	160	35.60	34.80	34.29	34.72	37.25	35.81	37.30	30.10
82	162	35.50	34.70	34.18	34.61	37.08	35.68	37.13	30.13
83	164	35.41	34.59	34.07	34.51	36.91	35.55	36.94	30.16
84	166	35.31	34.50	33.97	34.41	36.74	35.43	36.77	30.20
85	168	35.23	34.41	33.87	34.32	36.58	35.31	36.61	30.23
86	170	35.14	34.32	33.79	34.22	36.42	35.19	36.46	30.26
87	172	35.05	34.24	33.71	34.14	36.27	35.08	36.32	30.28
88	174	34.97	34.17	33.63	34.05	36.12	34.97	36.18	30.30
89	176	34.88	34.10	33.55	33.96	35.98	34.87	36.04	30.31
90	178	34.80	34.03	33.48	33.86	35.84	34.78	35.91	30.33
91	180	34.73	33.97	33.42	33.79	35.71	34.68	35.79	30.35
92	182	34.65	33.91	33.36	33.71	35.58	34.59	35.67	30.36
93	184	34.57	33.85	33.30	33.63	35.45	34.50	35.57	30.37
94	186	34.50	33.80	33.25	33.56	35.33	34.42	35.46	30.38
95	188	34.43	33.75	33.20	33.48	35.21	34.34	35.35	30.39
96	190	34.36	33.70	33.16	33.42	35.10	34.26	35.27	30.40
97	192	34.29	33.65	33.11	33.34	34.99	34.19	35.17	30.40
98	194	34.23	33.61	33.07	33.28	34.88	34.11	35.08	30.41
99	196	34.16	33.57	33.04	33.22	34.78	34.05	35.00	30.41
100	198	34.10	33.53	33.00	33.15	34.68	33.98	34.91	30.41
101	200	34.04	33.49	32.97	33.09	34.59	33.92	34.84	30.42
102	202	33.98	33.48	32.95	33.03	34.50	33.91	34.77	30.42
103	204	33.92	33.70	33.10	32.97	34.42	34.22	34.70	30.42
104	206	33.87	34.16	33.48	32.92	34.40	34.79	34.69	30.42
105	208	33.84	34.78	34.01	32.89	34.47	35.48	34.75	30.42
106	210	33.85	35.48	34.64	32.89	34.62	36.19	34.87	30.42
107	212	33.89	36.19	35.30	32.93	34.84	36.89	35.07	30.41
108	214	33.97	36.90	35.96	33.01	35.11	37.56	35.33	30.41
109	216	34.09	37.59	36.62	33.12	35.42	38.19	35.64	30.41
110	218	34.24	38.25	37.26	33.26	35.74	38.78	35.98	30.41
111	220	34.41	38.88	37.87	33.42	36.09	39.34	36.34	30.40
112	222	34.60	39.47	38.45	33.61	36.45	39.88	36.73	30.40
113	224	34.80	40.04	39.01	33.81	36.82	40.37	37.13	30.40
114	226	35.03	40.57	39.54	34.02	37.20	40.84	37.53	30.41
115	228	35.25	41.07	40.05	34.25	37.57	41.30	37.94	30.41

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_3/^\circ\text{C}$	$\theta_4/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_6/^\circ\text{C}$	$\theta_7/^\circ\text{C}$	$\theta_8/^\circ\text{C}$
116	230	35.48	41.55	40.52	34.48	37.96	41.73	38.35	30.41
117	232	35.72	41.99	40.98	34.72	38.34	42.14	38.76	30.42
118	234	35.96	42.42	41.41	34.96	38.71	42.53	39.16	30.43
119	236	36.22	42.83	41.82	35.20	39.09	42.91	39.56	30.45
120	238	36.46	43.21	42.20	35.45	39.47	43.28	39.95	30.46
121	240	36.71	43.57	42.57	35.70	39.83	43.62	40.33	30.47
122	242	36.96	43.92	42.91	35.94	40.20	43.96	40.70	30.49
123	244	37.20	44.25	43.24	36.17	40.55	44.28	41.06	30.51
124	246	37.45	44.57	43.55	36.41	40.91	44.59	41.42	30.54
125	248	37.70	44.86	43.85	36.66	41.25	44.90	41.76	30.57
126	250	37.93	45.15	44.14	36.89	41.59	45.19	42.09	30.60
127	252	38.17	45.42	44.40	37.13	41.93	45.47	42.41	30.64
128	254	38.41	45.68	44.66	37.35	42.25	45.75	42.73	30.68
129	256	38.65	45.93	44.91	37.58	42.57	46.02	43.03	30.72
130	258	38.87	46.18	45.15	37.81	42.88	46.29	43.32	30.76
131	260	39.11	46.41	45.38	38.03	43.19	46.54	43.60	30.81
132	262	39.34	46.65	45.60	38.25	43.49	46.80	43.87	30.86
133	264	39.56	46.87	45.82	38.47	43.79	47.04	44.14	30.91
134	266	39.78	47.08	46.02	38.68	44.08	47.27	44.39	30.96
135	268	40.00	47.29	46.22	38.89	44.37	47.51	44.64	31.02
136	270	40.22	47.49	46.41	39.10	44.64	47.73	44.88	31.08
137	272	40.43	47.68	46.59	39.30	44.91	47.94	45.10	31.15
138	274	40.64	47.86	46.76	39.50	45.18	48.15	45.32	31.21
139	276	40.85	48.04	46.92	39.70	45.44	48.35	45.54	31.27
140	278	41.06	48.21	47.08	39.89	45.69	48.55	45.75	31.33
141	280	41.26	48.38	47.24	40.08	45.93	48.74	45.94	31.40
142	282	41.46	48.54	47.39	40.27	46.18	48.93	46.14	31.47
143	284	41.66	48.71	47.54	40.45	46.41	49.12	46.33	31.55
144	286	41.85	48.87	47.68	40.63	46.64	49.30	46.51	31.62
145	288	42.04	49.03	47.82	40.81	46.87	49.48	46.69	31.69
146	290	42.23	49.18	47.96	40.98	47.08	49.65	46.86	31.77
147	292	42.41	49.34	48.10	41.15	47.30	49.83	47.03	31.85
148	294	42.59	49.48	48.23	41.32	47.52	50.00	47.18	31.92
149	296	42.77	49.63	48.36	41.49	47.72	50.17	47.34	32.00
150	298	42.95	49.77	48.48	41.65	47.92	50.33	47.50	32.07
151	300	43.13	49.92	48.61	41.81	48.12	50.49	47.65	32.15
152	302	43.30	50.04	48.73	41.97	48.31	50.61	47.79	32.23
153	304	43.47	49.98	48.70	42.12	48.50	50.45	47.93	32.31
154	306	43.63	49.66	48.45	42.27	48.63	50.02	48.04	32.40
155	308	43.78	49.20	48.06	42.40	48.67	49.47	48.09	32.48
156	310	43.89	48.66	47.57	42.50	48.63	48.88	48.08	32.56
157	312	43.97	48.08	47.04	42.56	48.54	48.32	48.01	32.63
158	314	44.00	47.51	46.51	42.59	48.39	47.78	47.89	32.71

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159	316	44.00	46.96	45.98	42.59	48.20	47.27	47.72	32.79
160	318	43.97	46.43	45.47	42.55	48.00	46.80	47.51	32.87
161	320	43.92	45.92	44.98	42.49	47.77	46.36	47.28	32.95
162	322	43.85	45.45	44.51	42.41	47.53	45.96	47.03	33.03
163	324	43.76	45.01	44.07	42.31	47.28	45.57	46.76	33.11
164	326	43.67	44.60	43.65	42.21	47.03	45.21	46.47	33.19
165	328	43.56	44.21	43.26	42.09	46.76	44.87	46.18	33.25
166	330	43.44	43.85	42.89	41.96	46.50	44.55	45.89	33.33
167	332	43.32	43.52	42.52	41.80	46.24	44.26	45.57	33.39
168	334	43.19	43.20	42.20	41.67	45.97	43.97	45.27	33.45
169	336	43.06	42.90	41.90	41.54	45.71	43.69	44.98	33.52
170	338	42.93	42.63	41.62	41.41	45.45	43.43	44.69	33.59
171	340	42.80	42.37	41.35	41.26	45.20	43.19	44.42	33.65
172	342	42.67	42.13	41.10	41.13	44.95	42.95	44.14	33.71
173	344	42.53	41.90	40.86	40.99	44.70	42.72	43.87	33.76
174	346	42.40	41.69	40.64	40.85	44.46	42.50	43.61	33.81
175	348	42.27	41.49	40.43	40.71	44.21	42.30	43.35	33.87
176	350	42.14	41.30	40.24	40.57	43.98	42.09	43.10	33.91
177	352	42.00	41.12	40.06	40.44	43.75	41.90	42.86	33.95
178	354	41.88	40.96	39.88	40.30	43.53	41.72	42.64	33.99
179	356	41.75	40.80	39.72	40.17	43.31	41.54	42.41	34.03
180	358	41.63	40.65	39.56	40.04	43.09	41.36	42.20	34.06
181	360	41.50	40.50	39.42	39.92	42.89	41.20	41.98	34.09
182	362	41.38	40.37	39.28	39.79	42.68	41.04	41.79	34.12
183	364	41.26	40.24	39.15	39.66	42.49	40.89	41.60	34.15
184	366	41.14	40.12	39.03	39.54	42.29	40.74	41.41	34.17
185	368	41.02	40.01	38.91	39.43	42.11	40.59	41.23	34.18
186	370	40.91	39.90	38.81	39.31	41.92	40.45	41.06	34.20
187	372	40.80	39.80	38.70	39.20	41.75	40.32	40.90	34.21
188	374	40.69	39.70	38.61	39.09	41.58	40.19	40.74	34.23
189	376	40.58	39.60	38.51	38.97	41.41	40.07	40.59	34.24
190	378	40.47	39.51	38.42	38.87	41.24	39.95	40.44	34.25
191	380	40.37	39.43	38.35	38.77	41.09	39.84	40.30	34.26
192	382	40.27	39.35	38.27	38.66	40.94	39.73	40.18	34.27
193	384	40.17	39.28	38.19	38.57	40.79	39.63	40.05	34.27
194	386	40.07	39.21	38.13	38.47	40.64	39.53	39.92	34.26
195	388	39.98	39.14	38.07	38.38	40.50	39.44	39.80	34.27
196	390	39.88	39.07	38.00	38.28	40.37	39.34	39.69	34.27
197	392	39.79	39.01	37.94	38.19	40.24	39.25	39.58	34.27
198	394	39.70	38.95	37.89	38.11	40.12	39.17	39.48	34.26
199	396	39.61	38.89	37.83	38.02	40.00	39.08	39.38	34.26
200	398	39.53	38.83	37.79	37.94	39.88	39.00	39.29	34.25
201	400	39.45	38.78	37.74	37.86	39.76	38.92	39.20	34.24

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202	402	39.36	38.75	37.70	37.78	39.65	38.89	39.11	34.23
203	404	39.28	38.93	37.82	37.71	39.55	39.16	39.04	34.23
204	406	39.21	39.36	38.18	37.64	39.52	39.70	39.01	34.22
205	408	39.16	39.94	38.68	37.59	39.56	40.36	39.04	34.21
206	410	39.14	40.60	39.27	37.57	39.68	41.04	39.15	34.20
207	412	39.16	41.28	39.90	37.60	39.87	41.71	39.33	34.19
208	414	39.22	41.95	40.53	37.65	40.13	42.34	39.57	34.18
209	416	39.31	42.62	41.16	37.74	40.40	42.95	39.85	34.17
210	418	39.44	43.24	41.77	37.86	40.70	43.51	40.17	34.16
211	420	39.58	43.84	42.35	38.01	41.03	44.05	40.52	34.15
212	422	39.75	44.41	42.92	38.17	41.36	44.56	40.88	34.14
213	424	39.93	44.95	43.45	38.35	41.71	45.03	41.25	34.14
214	426	40.12	45.45	43.95	38.55	42.06	45.49	41.64	34.13
215	428	40.32	45.93	44.43	38.75	42.42	45.91	42.02	34.13
216	430	40.53	46.37	44.88	38.96	42.77	46.32	42.42	34.12
217	432	40.75	46.79	45.30	39.18	43.13	46.70	42.81	34.13
218	434	40.97	47.19	45.71	39.40	43.48	47.07	43.19	34.12
219	436	41.19	47.57	46.09	39.62	43.83	47.42	43.56	34.12
220	438	41.41	47.92	46.45	39.84	44.18	47.76	43.93	34.13
221	440	41.64	48.27	46.79	40.07	44.52	48.09	44.28	34.15
222	442	41.86	48.58	47.11	40.29	44.86	48.40	44.64	34.16
223	444	42.08	48.89	47.42	40.51	45.19	48.70	44.98	34.17
224	446	42.30	49.18	47.71	40.73	45.52	49.00	45.31	34.19
225	448	42.52	49.46	48.00	40.95	45.85	49.29	45.64	34.20
226	450	42.74	49.73	48.27	41.17	46.16	49.57	45.96	34.23
227	452	42.95	49.99	48.52	41.38	46.48	49.84	46.26	34.26
228	454	43.17	50.24	48.77	41.58	46.78	50.11	46.56	34.29
229	456	43.38	50.47	49.00	41.80	47.08	50.36	46.84	34.32
230	458	43.59	50.70	49.23	42.01	47.38	50.61	47.12	34.36
231	460	43.80	50.92	49.44	42.21	47.67	50.85	47.39	34.40
232	462	44.01	51.13	49.64	42.41	47.95	51.08	47.65	34.45
233	464	44.21	51.33	49.84	42.61	48.23	51.31	47.90	34.49
234	466	44.41	51.53	50.03	42.80	48.50	51.52	48.15	34.53
235	468	44.61	51.72	50.21	43.00	48.76	51.74	48.38	34.58
236	470	44.81	51.90	50.38	43.19	49.02	51.95	48.60	34.63
237	472	45.00	52.08	50.55	43.37	49.28	52.15	48.82	34.68
238	474	45.19	52.25	50.71	43.55	49.52	52.35	49.03	34.73
239	476	45.38	52.42	50.87	43.73	49.77	52.54	49.24	34.79
240	478	45.57	52.58	51.03	43.91	50.01	52.73	49.43	34.85
241	480	45.75	52.74	51.17	44.08	50.23	52.91	49.62	34.91
242	482	45.93	52.90	51.32	44.26	50.46	53.10	49.81	34.98
243	484	46.11	53.05	51.42	44.39	50.68	53.28	49.95	35.03
244	486	46.28	53.21	51.58	44.56	50.90	53.46	50.12	35.08

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245	488	46.46	53.37	51.73	44.73	51.11	53.64	50.29	35.15
246	490	46.63	53.52	51.87	44.90	51.33	53.81	50.46	35.22
247	492	46.80	53.67	52.00	45.06	51.54	53.98	50.62	35.30
248	494	46.97	53.81	52.13	45.22	51.74	54.15	50.77	35.36
249	496	47.14	53.95	52.26	45.37	51.94	54.31	50.93	35.43
250	498	47.30	54.09	52.38	45.52	52.13	54.47	51.07	35.51
251	500	47.47	54.23	52.50	45.68	52.33	54.61	51.21	35.58
252	502	47.63	54.33	52.61	45.83	52.51	54.72	51.35	35.65
253	504	47.78	54.25	52.56	45.97	52.68	54.54	51.47	35.72
254	506	47.93	53.92	52.30	46.10	52.79	54.08	51.57	35.79
255	508	48.06	53.44	51.88	46.22	52.83	53.51	51.61	35.87
256	510	48.16	52.87	51.38	46.31	52.78	52.90	51.59	35.94
257	512	48.21	52.28	50.84	46.37	52.66	52.31	51.51	36.01
258	514	48.24	51.69	50.29	46.38	52.50	51.74	51.37	36.08
259	516	48.23	51.12	49.74	46.36	52.30	51.22	51.19	36.16
260	518	48.18	50.56	49.22	46.31	52.07	50.73	50.98	36.23
261	520	48.12	50.05	48.71	46.24	51.82	50.27	50.74	36.30
262	522	48.02	49.56	48.23	46.15	51.56	49.85	50.48	36.37
263	524	47.92	49.10	47.78	46.04	51.29	49.45	50.20	36.44
264	526	47.81	48.67	47.35	45.92	51.03	49.08	49.91	36.51
265	528	47.68	48.27	46.94	45.79	50.74	48.72	49.61	36.57
266	530	47.55	47.89	46.56	45.65	50.46	48.39	49.31	36.63
267	532	47.41	47.54	46.20	45.50	50.18	48.07	49.00	36.69
268	534	47.27	47.21	45.86	45.35	49.91	47.76	48.71	36.76
269	536	47.12	46.89	45.54	45.20	49.63	47.47	48.41	36.81
270	538	46.97	46.60	45.24	45.05	49.35	47.20	48.11	36.87
271	540	46.83	46.33	44.97	44.90	49.08	46.94	47.82	36.92
272	542	46.68	46.07	44.70	44.74	48.82	46.68	47.54	36.97
273	544	46.53	45.83	44.46	44.59	48.55	46.44	47.26	37.02
274	546	46.38	45.60	44.22	44.43	48.30	46.21	46.99	37.06
275	548	46.23	45.38	44.00	44.28	48.04	45.99	46.72	37.10
276	550	46.09	45.18	43.79	44.13	47.79	45.77	46.47	37.14
277	552	45.94	44.99	43.59	43.98	47.55	45.57	46.22	37.17
278	554	45.80	44.81	43.41	43.84	47.31	45.36	45.98	37.20
279	556	45.65	44.63	43.24	43.69	47.07	45.17	45.75	37.23
280	558	45.51	44.47	43.07	43.55	46.84	44.98	45.53	37.25
281	560	45.38	44.32	42.92	43.41	46.62	44.80	45.32	37.28
282	562	45.24	44.17	42.77	43.27	46.40	44.63	45.12	37.30
283	564	45.10	44.02	42.63	43.14	46.19	44.46	44.92	37.32
284	566	44.97	43.89	42.50	43.01	45.99	44.30	44.73	37.34
285	568	44.84	43.76	42.37	42.88	45.78	44.14	44.54	37.35
286	570	44.71	43.64	42.25	42.75	45.59	43.99	44.37	37.36
287	572	44.58	43.52	42.14	42.63	45.39	43.85	44.20	37.37

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288	574	44.46	43.41	42.02	42.50	45.20	43.70	44.04	37.38
289	576	44.33	43.30	41.92	42.38	45.02	43.56	43.88	37.37
290	578	44.21	43.19	41.82	42.27	44.85	43.43	43.73	37.37
291	580	44.09	43.09	41.73	42.15	44.68	43.30	43.58	37.38
292	582	43.98	43.00	41.64	42.04	44.50	43.18	43.44	37.37
293	584	43.86	42.90	41.55	41.93	44.34	43.05	43.31	37.38
294	586	43.75	42.82	41.47	41.83	44.19	42.93	43.18	37.37
295	588	43.64	42.73	41.39	41.72	44.03	42.82	43.06	37.36
296	590	43.53	42.64	41.31	41.62	43.88	42.70	42.94	37.36
297	592	43.43	42.56	41.24	41.52	43.73	42.60	42.82	37.35
298	594	43.32	42.49	41.17	41.43	43.59	42.50	42.72	37.34
299	596	43.22	42.41	41.10	41.32	43.45	42.40	42.62	37.33
300	598	43.12	42.33	41.04	41.23	43.32	42.30	42.51	37.32
301	600	43.02	42.26	40.98	41.14	43.19	42.20	42.42	37.32
302	602	42.92	42.21	40.94	41.05	43.06	42.15	42.33	37.30
303	604	42.83	42.37	41.04	40.96	42.94	42.41	42.24	37.28
304	606	42.74	42.79	41.38	40.89	42.89	42.94	42.20	37.27
305	608	42.67	43.37	41.88	40.82	42.92	43.59	42.23	37.25
306	610	42.64	44.01	42.46	40.80	43.03	44.27	42.34	37.23
307	612	42.65	44.68	43.08	40.80	43.21	44.92	42.51	37.23
308	614	42.69	45.33	43.70	40.85	43.44	45.55	42.74	37.21
309	616	42.77	45.97	44.31	40.92	43.70	46.13	43.02	37.19
310	618	42.88	46.59	44.90	41.03	43.99	46.68	43.34	37.18
311	620	43.01	47.16	45.47	41.17	44.30	47.20	43.68	37.16
312	622	43.16	47.70	46.01	41.32	44.62	47.68	44.04	37.15
313	624	43.33	48.22	46.53	41.49	44.95	48.13	44.41	37.13
314	626	43.51	48.70	47.01	41.68	45.28	48.56	44.79	37.12
315	628	43.70	49.15	47.47	41.86	45.62	48.97	45.17	37.11
316	630	43.89	49.58	47.90	42.06	45.96	49.36	45.55	37.11
317	632	44.09	49.98	48.31	42.27	46.30	49.73	45.94	37.10
318	634	44.29	50.36	48.70	42.47	46.63	50.08	46.31	37.10
319	636	44.50	50.72	49.06	42.68	46.96	50.42	46.68	37.09
320	638	44.70	51.06	49.41	42.89	47.30	50.75	47.04	37.09
321	640	44.91	51.39	49.75	43.11	47.63	51.06	47.40	37.10
322	642	45.11	51.70	50.06	43.31	47.95	51.37	47.74	37.10
323	644	45.33	51.99	50.35	43.52	48.27	51.66	48.08	37.11
324	646	45.53	52.27	50.64	43.73	48.57	51.94	48.41	37.13
325	648	45.73	52.54	50.91	43.94	48.89	52.22	48.72	37.14
326	650	45.93	52.80	51.17	44.14	49.19	52.49	49.03	37.16
327	652	46.14	53.04	51.41	44.34	49.49	52.75	49.33	37.18
328	654	46.34	53.28	51.65	44.55	49.78	53.00	49.62	37.20
329	656	46.54	53.50	51.88	44.74	50.07	53.24	49.89	37.23
330	658	46.73	53.72	52.09	44.94	50.35	53.48	50.16	37.26

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331	660	46.92	53.92	52.29	45.13	50.63	53.70	50.42	37.30
332	662	47.12	54.13	52.49	45.31	50.91	53.92	50.67	37.33
333	664	47.30	54.31	52.68	45.51	51.17	54.14	50.92	37.36
334	666	47.50	54.50	52.85	45.69	51.43	54.36	51.14	37.41
335	668	47.68	54.68	53.03	45.87	51.68	54.56	51.37	37.45
336	670	47.87	54.86	53.20	46.05	51.93	54.76	51.59	37.50
337	672	48.05	55.03	53.36	46.23	52.17	54.96	51.80	37.55
338	674	48.23	55.19	53.52	46.40	52.41	55.14	52.00	37.60
339	676	48.40	55.35	53.67	46.57	52.64	55.32	52.20	37.64
340	678	48.57	55.50	53.81	46.74	52.86	55.50	52.38	37.70
341	680	48.75	55.65	53.95	46.90	53.09	55.67	52.57	37.75
342	682	48.91	55.79	54.08	47.07	53.30	55.85	52.74	37.81
343	684	49.08	55.94	54.21	47.22	53.51	56.01	52.91	37.87
344	686	49.24	56.08	54.34	47.38	53.71	56.16	53.08	37.93
345	688	49.41	56.21	54.46	47.53	53.91	56.33	53.23	37.99
346	690	49.56	56.34	54.58	47.68	54.11	56.47	53.39	38.05
347	692	49.72	56.46	54.70	47.83	54.30	56.63	53.53	38.12
348	694	49.88	56.59	54.81	47.98	54.49	56.77	53.67	38.18
349	696	50.03	56.71	54.92	48.12	54.67	56.92	53.82	38.24
350	698	50.18	56.83	55.03	48.26	54.85	57.05	53.95	38.31
351	700	50.33	56.95	55.13	48.40	55.03	57.19	54.08	38.38
352	702	50.47	57.04	55.22	48.53	55.20	57.27	54.20	38.44
353	704	50.61	56.94	55.15	48.66	55.35	57.06	54.31	38.51
354	706	50.75	56.59	54.86	48.78	55.45	56.60	54.38	38.56
355	708	50.86	56.09	54.45	48.89	55.47	56.02	54.42	38.63
356	710	50.94	55.52	53.94	48.97	55.40	55.42	54.39	38.70
357	712	50.99	54.94	53.40	49.01	55.28	54.83	54.29	38.77
358	714	51.00	54.35	52.85	49.01	55.09	54.27	54.15	38.84
359	716	50.97	53.78	52.31	48.98	54.88	53.75	53.96	38.91
360	718	50.92	53.23	51.79	48.93	54.65	53.26	53.74	38.98
361	720	50.84	52.72	51.28	48.84	54.40	52.81	53.50	39.05
362	722	50.74	52.23	50.80	48.74	54.13	52.38	53.23	39.11
363	724	50.63	51.77	50.35	48.62	53.86	51.98	52.94	39.17
364	726	50.51	51.34	49.92	48.50	53.58	51.60	52.65	39.24
365	728	50.37	50.94	49.52	48.36	53.30	51.25	52.35	39.29
366	730	50.23	50.56	49.14	48.21	53.01	50.91	52.05	39.35
367	732	50.09	50.20	48.78	48.06	52.73	50.59	51.74	39.41
368	734	49.94	49.87	48.44	47.91	52.45	50.28	51.43	39.46
369	736	49.79	49.56	48.12	47.75	52.17	49.99	51.13	39.52
370	738	49.63	49.26	47.82	47.59	51.89	49.71	50.84	39.56
371	740	49.46	48.97	47.54	47.44	51.59	49.43	50.54	39.62
372	742	49.29	48.70	47.27	47.27	51.31	49.18	50.26	39.66
373	744	49.14	48.46	47.01	47.11	51.04	48.94	49.98	39.70

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374	746	48.98	48.24	46.78	46.95	50.78	48.70	49.70	39.74
375	748	48.83	48.01	46.56	46.80	50.53	48.47	49.44	39.78
376	750	48.68	47.80	46.34	46.64	50.27	48.25	49.18	39.81
377	752	48.52	47.61	46.14	46.49	50.02	48.04	48.93	39.84
378	754	48.38	47.43	45.95	46.34	49.78	47.83	48.68	39.86
379	756	48.23	47.24	45.77	46.19	49.54	47.63	48.45	39.89
380	758	48.08	47.07	45.60	46.04	49.31	47.44	48.23	39.91
381	760	47.93	46.91	45.44	45.90	49.08	47.26	48.01	39.93
382	762	47.79	46.75	45.29	45.75	48.86	47.08	47.80	39.94
383	764	47.65	46.61	45.14	45.61	48.64	46.90	47.59	39.95
384	766	47.50	46.46	45.01	45.48	48.42	46.73	47.40	39.96
385	768	47.34	46.32	44.89	45.34	48.19	46.56	47.21	39.97
386	770	47.21	46.19	44.75	45.21	47.99	46.41	47.03	39.98
387	772	47.08	46.07	44.64	45.08	47.80	46.26	46.86	39.98
388	774	46.95	45.96	44.52	44.95	47.62	46.11	46.69	39.98
389	776	46.83	45.84	44.42	44.83	47.43	45.97	46.53	39.98
390	778	46.70	45.73	44.31	44.71	47.25	45.83	46.37	39.98
391	780	46.58	45.62	44.21	44.59	47.07	45.70	46.22	39.97
392	782	46.45	45.52	44.12	44.47	46.89	45.56	46.07	39.96
393	784	46.33	45.42	44.02	44.36	46.73	45.43	45.94	39.95
394	786	46.21	45.33	43.93	44.25	46.57	45.31	45.80	39.94
395	788	46.10	45.23	43.85	44.14	46.41	45.19	45.67	39.93
396	790	45.98	45.14	43.76	44.03	46.25	45.08	45.55	39.93
397	792	45.87	45.06	43.69	43.92	46.10	44.97	45.43	39.91
398	794	45.76	44.97	43.61	43.81	45.96	44.86	45.31	39.90
399	796	45.65	44.89	43.54	43.72	45.81	44.75	45.20	39.88
400	798	45.54	44.81	43.47	43.61	45.68	44.65	45.10	39.86
401	800	45.44	44.74	43.40	43.52	45.54	44.55	44.99	39.85
402	802	45.33	44.68	43.35	43.43	45.42	44.50	44.89	39.83
403	804	45.23	44.83	43.45	43.34	45.30	44.75	44.80	39.81
404	806	45.14	45.23	43.78	43.25	45.24	45.26	44.75	39.78
405	808	45.07	45.80	44.26	43.19	45.26	45.90	44.78	39.77
406	810	45.03	46.42	44.82	43.15	45.36	46.56	44.87	39.75
407	812	45.03	47.07	45.43	43.15	45.54	47.20	45.04	39.73
408	814	45.07	47.72	46.04	43.19	45.76	47.82	45.26	39.70
409	816	45.14	48.35	46.64	43.26	46.01	48.40	45.52	39.68
410	818	45.24	48.95	47.22	43.37	46.30	48.95	45.84	39.66
411	820	45.36	49.53	47.78	43.49	46.60	49.46	46.16	39.64
412	822	45.50	50.07	48.32	43.64	46.92	49.95	46.51	39.62
413	824	45.66	50.57	48.83	43.80	47.24	50.40	46.87	39.60
414	826	45.84	51.05	49.31	43.98	47.57	50.82	47.24	39.59
415	828	46.01	51.50	49.76	44.16	47.90	51.22	47.61	39.57
416	830	46.20	51.91	50.19	44.35	48.24	51.60	47.98	39.56

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417	832	46.40	52.32	50.59	44.55	48.56	51.97	48.35	39.55
418	834	46.59	52.69	50.97	44.75	48.90	52.32	48.71	39.54
419	836	46.78	53.04	51.34	44.96	49.23	52.67	49.08	39.53
420	838	46.98	53.39	51.69	45.16	49.55	52.99	49.43	39.53
421	840	47.19	53.72	52.01	45.36	49.88	53.32	49.78	39.53
422	842	47.39	54.03	52.33	45.56	50.20	53.62	50.12	39.53
423	844	47.59	54.33	52.63	45.77	50.52	53.92	50.45	39.53
424	846	47.79	54.61	52.90	45.97	50.83	54.21	50.76	39.54
425	848	47.99	54.88	53.16	46.16	51.14	54.49	51.06	39.54
426	850	48.19	55.14	53.43	46.37	51.45	54.75	51.36	39.56
427	852	48.39	55.38	53.68	46.57	51.74	55.01	51.67	39.58
428	854	48.59	55.62	53.91	46.77	52.03	55.27	51.95	39.59
429	856	48.78	55.84	54.14	46.96	52.32	55.51	52.23	39.61
430	858	48.97	56.06	54.36	47.16	52.60	55.74	52.49	39.64
431	860	49.17	56.27	54.56	47.34	52.88	55.98	52.75	39.67
432	862	49.36	56.48	54.76	47.53	53.15	56.21	53.00	39.70
433	864	49.54	56.68	54.96	47.72	53.41	56.43	53.24	39.73
434	866	49.73	56.87	55.14	47.90	53.68	56.65	53.48	39.78
435	868	49.91	57.06	55.33	48.08	53.93	56.87	53.70	39.81
436	870	50.10	57.24	55.50	48.26	54.19	57.07	53.91	39.85
437	872	50.28	57.41	55.67	48.43	54.43	57.27	54.12	39.89
438	874	50.46	57.58	55.82	48.60	54.67	57.46	54.31	39.93
439	876	50.63	57.74	55.97	48.77	54.91	57.65	54.51	39.98
440	878	50.81	57.90	56.11	48.94	55.14	57.83	54.68	40.03
441	880	50.98	58.04	56.25	49.10	55.36	57.99	54.86	40.07
442	882	51.15	58.19	56.39	49.26	55.57	58.16	55.04	40.13
443	884	51.32	58.33	56.52	49.42	55.78	58.33	55.20	40.18
444	886	51.48	58.46	56.64	49.57	55.98	58.46	55.37	40.23
445	888	51.64	58.58	56.76	49.73	56.18	58.61	55.52	40.28
446	890	51.80	58.71	56.87	49.88	56.37	58.75	55.66	40.34
447	892	51.95	58.83	56.95	50.01	56.56	58.89	55.78	40.38
448	894	52.11	58.95	57.07	50.15	56.75	59.04	55.91	40.44
449	896	52.26	59.07	57.17	50.31	56.93	59.18	56.05	40.50
450	898	52.41	59.18	57.27	50.44	57.11	59.31	56.19	40.58
451	900	52.55	59.29	57.37	50.58	57.28	59.44	56.32	40.64
452	902	52.70	59.37	57.45	50.71	57.45	59.52	56.44	40.70
453	904	52.84	59.26	57.38	50.84	57.60	59.30	56.55	40.77
454	906	52.97	58.90	57.09	50.96	57.69	58.82	56.63	40.83
455	908	53.08	58.39	56.65	51.06	57.70	58.23	56.65	40.89
456	910	53.15	57.81	56.14	51.13	57.63	57.61	56.61	40.95
457	912	53.19	57.20	55.58	51.17	57.50	57.02	56.51	41.01
458	914	53.19	56.60	55.02	51.16	57.32	56.44	56.36	41.08
459	916	53.16	56.02	54.46	51.13	57.10	55.90	56.16	41.14

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460	918	53.10	55.46	53.92	51.06	56.86	55.40	55.93	41.19
461	920	53.02	54.93	53.41	50.97	56.60	54.93	55.66	41.24
462	922	52.91	54.43	52.92	50.86	56.33	54.50	55.38	41.30
463	924	52.79	53.96	52.46	50.74	56.04	54.09	55.09	41.37
464	926	52.66	53.52	52.02	50.60	55.75	53.71	54.79	41.43
465	928	52.52	53.11	51.61	50.46	55.46	53.34	54.49	41.49
466	930	52.37	52.72	51.21	50.31	55.17	53.00	54.17	41.53
467	932	52.22	52.35	50.85	50.15	54.88	52.66	53.86	41.59
468	934	52.06	52.01	50.49	49.99	54.59	52.35	53.55	41.64
469	936	51.90	51.68	50.17	49.83	54.30	52.05	53.24	41.69
470	938	51.74	51.38	49.86	49.66	54.01	51.76	52.94	41.74
471	940	51.58	51.09	49.57	49.49	53.72	51.49	52.64	41.78
472	942	51.42	50.82	49.29	49.33	53.44	51.22	52.35	41.82
473	944	51.25	50.56	49.04	49.16	53.16	50.96	52.07	41.86
474	946	51.08	50.32	48.79	48.99	52.89	50.72	51.79	41.89
475	948	50.92	50.09	48.55	48.83	52.62	50.49	51.51	41.93
476	950	50.76	49.88	48.33	48.67	52.35	50.26	51.25	41.96
477	952	50.60	49.67	48.13	48.51	52.10	50.04	50.99	41.97
478	954	50.45	49.48	47.93	48.35	51.85	49.83	50.75	42.00
479	956	50.29	49.29	47.75	48.19	51.60	49.62	50.51	42.01
480	958	50.13	49.12	47.57	48.04	51.36	49.43	50.27	42.02
481	960	49.98	48.95	47.40	47.89	51.12	49.23	50.05	42.04
482	962	49.83	48.78	47.24	47.74	50.89	49.05	49.84	42.05
483	964	49.68	48.63	47.09	47.59	50.66	48.86	49.63	42.06
484	966	49.53	48.48	46.95	47.45	50.44	48.69	49.43	42.06
485	968	49.38	48.34	46.81	47.31	50.23	48.52	49.24	42.07
486	970	49.24	48.20	46.67	47.17	50.02	48.36	49.05	42.07
487	972	49.10	48.07	46.55	47.03	49.82	48.20	48.87	42.07
488	974	48.96	47.95	46.43	46.90	49.62	48.05	48.70	42.06
489	976	48.82	47.82	46.32	46.77	49.42	47.90	48.53	42.06
490	978	48.68	47.70	46.21	46.64	49.23	47.75	48.37	42.05
491	980	48.55	47.59	46.10	46.51	49.05	47.61	48.22	42.04
492	982	48.42	47.48	46.00	46.39	48.86	47.48	48.07	42.02
493	984	48.29	47.38	45.90	46.27	48.69	47.35	47.92	42.02
494	986	48.17	47.28	45.81	46.16	48.52	47.21	47.79	42.00
495	988	48.05	47.18	45.72	46.04	48.35	47.09	47.66	41.99
496	990	47.93	47.08	45.64	45.92	48.19	46.97	47.53	41.97
497	992	47.80	46.99	45.55	45.81	48.04	46.85	47.41	41.95
498	994	47.68	46.90	45.47	45.71	47.88	46.74	47.28	41.93
499	996	47.57	46.81	45.39	45.60	47.73	46.63	47.17	41.91
500	998	47.45	46.72	45.31	45.49	47.59	46.52	47.06	41.89
501	1000	47.34	46.64	45.24	45.39	47.45	46.41	46.95	41.87
502	1002	47.24	46.58	45.18	45.29	47.31	46.35	46.85	41.85

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503	1004	47.13	46.73	45.28	45.19	47.19	46.61	46.76	41.82
504	1006	47.03	47.14	45.61	45.11	47.12	47.13	46.71	41.80
505	1008	46.95	47.70	46.10	45.03	47.14	47.76	46.73	41.78
506	1010	46.91	48.33	46.66	45.00	47.25	48.42	46.82	41.75
507	1012	46.90	48.98	47.27	44.99	47.42	49.07	46.99	41.73
508	1014	46.93	49.62	47.88	45.03	47.63	49.68	47.21	41.70
509	1016	47.00	50.25	48.48	45.10	47.89	50.25	47.48	41.68
510	1018	47.10	50.85	49.06	45.19	48.17	50.80	47.78	41.65
511	1020	47.22	51.41	49.62	45.32	48.46	51.31	48.11	41.62
512	1022	47.36	51.95	50.15	45.46	48.77	51.78	48.45	41.60
513	1024	47.52	52.46	50.65	45.62	49.09	52.23	48.82	41.58
514	1026	47.68	52.93	51.14	45.80	49.42	52.67	49.20	41.57
515	1028	47.86	53.38	51.58	45.98	49.75	53.07	49.57	41.55
516	1030	48.04	53.80	52.01	46.17	50.08	53.46	49.94	41.53
517	1032	48.23	54.21	52.42	46.36	50.41	53.83	50.30	41.51
518	1034	48.42	54.60	52.81	46.56	50.74	54.21	50.66	41.50
519	1036	48.62	54.97	53.18	46.75	51.07	54.56	51.02	41.49
520	1038	48.82	55.33	53.54	46.96	51.40	54.90	51.36	41.48
521	1040	49.02	55.65	53.88	47.16	51.73	55.23	51.70	41.47
522	1042	49.22	55.98	54.21	47.37	52.06	55.54	52.03	41.46
523	1044	49.42	56.28	54.51	47.57	52.38	55.85	52.36	41.46
524	1046	49.62	56.57	54.80	47.77	52.70	56.13	52.68	41.47
525	1048	49.83	56.84	55.08	47.98	53.01	56.41	52.98	41.48
526	1050	50.02	57.10	55.33	48.18	53.32	56.68	53.28	41.49
527	1052	50.22	57.34	55.57	48.38	53.62	56.93	53.56	41.50
528	1054	50.42	57.56	55.80	48.57	53.91	57.17	53.84	41.51
529	1056	50.62	57.78	56.01	48.77	54.20	57.39	54.11	41.53
530	1058	50.81	57.98	56.21	48.96	54.47	57.61	54.37	41.55
531	1060	51.00	58.17	56.40	49.15	54.75	57.83	54.62	41.58
532	1062	51.19	58.36	56.58	49.33	55.01	58.04	54.86	41.61
533	1064	51.38	58.54	56.76	49.51	55.27	58.24	55.09	41.64
534	1066	51.55	58.70	56.93	49.69	55.51	58.43	55.32	41.67
535	1068	51.73	58.87	57.09	49.86	55.76	58.64	55.55	41.72
536	1070	51.90	59.03	57.24	50.03	56.00	58.83	55.75	41.75
537	1072	52.08	59.19	57.38	50.20	56.23	59.01	55.94	41.78
538	1074	52.25	59.34	57.53	50.36	56.46	59.18	56.14	41.82
539	1076	52.42	59.48	57.65	50.52	56.69	59.35	56.31	41.86
540	1078	52.57	59.60	57.80	50.69	56.86	59.47	56.50	41.91
541	1080	52.73	59.74	57.92	50.85	57.08	59.64	56.67	41.96
542	1082	52.90	59.88	58.04	50.99	57.29	59.82	56.83	42.00
543	1084	53.05	60.01	58.16	51.14	57.49	59.97	56.99	42.05
544	1086	53.21	60.14	58.28	51.29	57.68	60.12	57.14	42.10
545	1088	53.37	60.27	58.38	51.43	57.88	60.27	57.28	42.16

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_3/^\circ\text{C}$	$\theta_4/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_6/^\circ\text{C}$	$\theta_7/^\circ\text{C}$	$\theta_8/^\circ\text{C}$
546	1090	53.52	60.38	58.49	51.58	58.06	60.41	57.42	42.21
547	1092	53.66	60.49	58.58	51.71	58.25	60.54	57.56	42.26
548	1094	53.81	60.60	58.69	51.85	58.42	60.67	57.68	42.31
549	1096	53.95	60.71	58.78	51.98	58.60	60.81	57.81	42.37
550	1098	54.09	60.82	58.87	52.11	58.77	60.93	57.92	42.42
551	1100	54.22	60.91	58.97	52.25	58.92	61.03	58.04	42.48
552	1102	54.32	60.95	59.05	52.37	59.05	61.07	58.16	42.55
553	1104	54.46	60.85	58.97	52.50	59.19	60.87	58.27	42.60
554	1106	54.60	60.50	58.68	52.62	59.29	60.40	58.33	42.66
555	1108	54.70	60.00	58.24	52.71	59.29	59.81	58.35	42.72
556	1110	54.77	59.42	57.71	52.77	59.22	59.19	58.30	42.77
557	1112	54.81	58.81	57.16	52.80	59.08	58.58	58.19	42.83
558	1114	54.81	58.20	56.58	52.79	58.89	58.00	58.02	42.89
559	1116	54.77	57.60	56.02	52.75	58.67	57.45	57.82	42.95
560	1118	54.70	57.04	55.48	52.68	58.42	56.94	57.57	43.00
561	1120	54.61	56.50	54.95	52.59	58.15	56.46	57.31	43.06
562	1122	54.50	55.99	54.46	52.47	57.88	56.02	57.02	43.11
563	1124	54.38	55.51	53.99	52.34	57.59	55.60	56.72	43.17
564	1126	54.24	55.06	53.54	52.20	57.30	55.22	56.41	43.22
565	1128	54.09	54.64	53.12	52.05	57.00	54.84	56.10	43.27
566	1130	53.94	54.25	52.73	51.89	56.70	54.49	55.77	43.32
567	1132	53.78	53.89	52.35	51.73	56.40	54.16	55.46	43.37
568	1134	53.61	53.54	52.00	51.56	56.10	53.84	55.14	43.42
569	1136	53.45	53.21	51.67	51.39	55.80	53.54	54.83	43.46
570	1138	53.28	52.90	51.36	51.22	55.51	53.25	54.52	43.50
571	1140	53.11	52.61	51.06	51.04	55.22	52.97	54.21	43.54
572	1142	52.94	52.34	50.78	50.88	54.94	52.71	53.92	43.57
573	1144	52.77	52.08	50.53	50.70	54.65	52.45	53.63	43.61
574	1146	52.60	51.84	50.28	50.53	54.37	52.20	53.35	43.63
575	1148	52.43	51.60	50.04	50.36	54.10	51.97	53.08	43.66
576	1150	52.26	51.38	49.82	50.20	53.83	51.73	52.82	43.68
577	1152	52.10	51.17	49.61	50.03	53.58	51.51	52.55	43.70
578	1154	51.94	50.98	49.41	49.87	53.32	51.29	52.30	43.72
579	1156	51.78	50.79	49.22	49.71	53.07	51.09	52.06	43.73
580	1158	51.62	50.61	49.04	49.55	52.83	50.89	51.83	43.75
581	1160	51.46	50.44	48.87	49.39	52.59	50.70	51.60	43.76
582	1162	51.31	50.27	48.71	49.24	52.35	50.51	51.39	43.76
583	1164	51.15	50.12	48.55	49.09	52.13	50.32	51.17	43.76
584	1166	51.00	49.97	48.41	48.94	51.91	50.15	50.97	43.77
585	1168	50.85	49.82	48.27	48.80	51.69	49.98	50.77	43.77
586	1170	50.71	49.68	48.13	48.65	51.47	49.81	50.59	43.76
587	1172	50.56	49.55	48.01	48.51	51.27	49.65	50.40	43.75
588	1174	50.42	49.42	47.88	48.37	51.07	49.50	50.23	43.75

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589	1176	50.28	49.30	47.77	48.24	50.87	49.35	50.06	43.74
590	1178	50.15	49.18	47.65	48.11	50.69	49.20	49.90	43.72
591	1180	50.01	49.06	47.55	47.98	50.49	49.06	49.74	43.71
592	1182	49.87	48.94	47.44	47.85	50.30	48.92	49.59	43.69
593	1184	49.74	48.84	47.34	47.73	50.12	48.78	49.44	43.67
594	1186	49.61	48.74	47.25	47.60	49.95	48.66	49.30	43.66
595	1188	49.48	48.63	47.15	47.49	49.78	48.52	49.17	43.64
596	1190	49.34	48.53	47.06	47.37	49.61	48.39	49.03	43.62
597	1192	49.22	48.43	46.98	47.26	49.44	48.28	48.91	43.60
598	1194	49.10	48.34	46.89	47.14	49.29	48.16	48.79	43.57
599	1196	48.98	48.24	46.80	47.03	49.14	48.04	48.66	43.55
600	1198	48.86	48.16	46.73	46.92	48.99	47.92	48.55	43.53
601	1200	48.75	48.07	46.65	46.82	48.84	47.81	48.44	43.50
602	1202	48.63	47.99	46.58	46.72	48.71	47.73	48.33	43.47
603	1204	48.52	48.10	46.64	46.61	48.57	47.93	48.23	43.44
604	1206	48.42	48.47	46.94	46.52	48.50	48.42	48.17	43.41
605	1208	48.33	49.01	47.41	46.44	48.50	49.05	48.17	43.39
606	1210	48.28	49.64	47.97	46.39	48.59	49.72	48.26	43.36
607	1212	48.27	50.29	48.57	46.38	48.75	50.37	48.40	43.33
608	1214	48.29	50.95	49.19	46.41	48.97	51.00	48.61	43.30
609	1216	48.35	51.59	49.80	46.48	49.22	51.60	48.87	43.27
610	1218	48.44	52.20	50.38	46.57	49.50	52.15	49.17	43.24
611	1220	48.56	52.78	50.96	46.69	49.80	52.67	49.49	43.22
612	1222	48.70	53.33	51.50	46.83	50.11	53.16	49.84	43.19
613	1224	48.85	53.85	52.01	46.99	50.43	53.63	50.20	43.16
614	1226	49.01	54.34	52.51	47.15	50.76	54.08	50.57	43.14
615	1228	49.20	54.81	52.98	47.34	51.09	54.49	50.94	43.11
616	1230	49.38	55.24	53.43	47.53	51.42	54.88	51.31	43.09
617	1232	49.57	55.66	53.85	47.72	51.76	55.27	51.68	43.07
618	1234	49.76	56.05	54.25	47.93	52.10	55.64	52.05	43.05
619	1236	49.96	56.43	54.63	48.13	52.44	56.00	52.41	43.04
620	1238	50.16	56.79	54.99	48.34	52.77	56.34	52.76	43.03
621	1240	50.35	57.12	55.34	48.54	53.10	56.66	53.11	43.02
622	1242	50.55	57.43	55.66	48.75	53.42	56.96	53.45	43.02
623	1244	50.76	57.74	55.97	48.96	53.74	57.26	53.77	43.01
624	1246	50.96	58.02	56.26	49.17	54.06	57.54	54.09	43.01
625	1248	51.16	58.29	56.52	49.37	54.37	57.82	54.41	43.02
626	1250	51.36	58.54	56.77	49.57	54.68	58.08	54.70	43.01
627	1252	51.56	58.78	57.01	49.77	54.98	58.33	54.99	43.02
628	1254	51.76	59.01	57.24	49.97	55.27	58.57	55.28	43.04
629	1256	51.95	59.23	57.46	50.16	55.56	58.81	55.55	43.06
630	1258	52.15	59.43	57.66	50.35	55.84	59.04	55.81	43.07
631	1260	52.33	59.64	57.86	50.54	56.11	59.26	56.06	43.10

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632	1262	52.52	59.82	58.05	50.73	56.38	59.47	56.31	43.12
633	1264	52.70	60.01	58.23	50.91	56.64	59.68	56.55	43.15
634	1266	52.89	60.19	58.40	51.08	56.90	59.89	56.78	43.18
635	1268	53.07	60.35	58.56	51.25	57.15	60.09	56.99	43.21
636	1270	53.25	60.52	58.72	51.43	57.39	60.28	57.21	43.25
637	1272	53.42	60.68	58.87	51.61	57.63	60.47	57.40	43.28
638	1274	53.59	60.84	59.02	51.77	57.86	60.64	57.60	43.32
639	1276	53.76	60.99	59.16	51.93	58.08	60.82	57.79	43.36
640	1278	53.93	61.13	59.29	52.09	58.31	61.00	57.97	43.40
641	1280	54.10	61.27	59.42	52.25	58.52	61.16	58.14	43.44
642	1282	54.26	61.41	59.55	52.41	58.74	61.32	58.31	43.49
643	1284	54.42	61.54	59.67	52.56	58.95	61.48	58.47	43.53
644	1286	54.58	61.66	59.78	52.71	59.15	61.63	58.62	43.58
645	1288	54.73	61.79	59.89	52.85	59.34	61.78	58.77	43.62
646	1290	54.89	61.91	60.00	53.00	59.52	61.92	58.91	43.67
647	1292	55.03	62.02	60.11	53.14	59.71	62.06	59.05	43.72
648	1294	55.19	62.14	60.20	53.28	59.89	62.19	59.19	43.78
649	1296	55.33	62.25	60.30	53.41	60.07	62.32	59.31	43.83
650	1298	55.47	62.36	60.40	53.54	60.24	62.45	59.43	43.88
651	1300	55.61	62.46	60.49	53.67	60.40	62.58	59.55	43.94
652	1302	55.74	62.55	60.56	53.80	60.56	62.65	59.66	44.00
653	1304	55.88	62.43	60.49	53.92	60.70	62.43	59.77	44.05
654	1306	56.01	62.06	60.20	54.03	60.80	61.94	59.84	44.10
655	1308	56.11	61.54	59.75	54.14	60.80	61.33	59.85	44.16
656	1310	56.19	60.95	59.22	54.20	60.72	60.70	59.80	44.22
657	1312	56.22	60.32	58.64	54.22	60.58	60.07	59.69	44.27
658	1314	56.21	59.70	58.06	54.21	60.39	59.48	59.52	44.33
659	1316	56.17	59.09	57.49	54.17	60.16	58.92	59.32	44.38
660	1318	56.08	58.48	56.93	54.10	59.86	58.35	59.08	44.44
661	1320	55.98	57.92	56.40	54.00	59.58	57.87	58.81	44.50
662	1322	55.88	57.42	55.89	53.88	59.30	57.43	58.51	44.55
663	1324	55.76	56.94	55.40	53.75	59.00	57.00	58.21	44.61
664	1326	55.61	56.47	54.94	53.60	58.70	56.60	57.88	44.66
665	1328	55.46	56.04	54.50	53.44	58.39	56.22	57.55	44.71
666	1330	55.29	55.63	54.10	53.28	58.08	55.85	57.22	44.76
667	1332	55.13	55.25	53.71	53.11	57.76	55.50	56.89	44.80
668	1334	54.96	54.89	53.34	52.93	57.45	55.17	56.56	44.84
669	1336	54.79	54.55	52.99	52.75	57.15	54.86	56.22	44.88
670	1338	54.61	54.23	52.67	52.57	56.84	54.56	55.90	44.91
671	1340	54.44	53.93	52.36	52.39	56.54	54.26	55.58	44.94
672	1342	54.26	53.65	52.08	52.21	56.24	53.97	55.26	44.97
673	1344	54.09	53.38	51.81	52.03	55.94	53.70	54.96	45.00
674	1346	53.91	53.12	51.55	51.86	55.67	53.44	54.67	45.03

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675	1348	53.74	52.88	51.30	51.69	55.38	53.19	54.38	45.06
676	1350	53.57	52.65	51.07	51.51	55.11	52.96	54.11	45.08
677	1352	53.40	52.43	50.85	51.34	54.84	52.72	53.83	45.10
678	1354	53.23	52.22	50.64	51.17	54.57	52.50	53.58	45.11
679	1356	53.06	52.02	50.44	51.00	54.31	52.28	53.32	45.13
680	1358	52.90	51.84	50.26	50.83	54.06	52.07	53.08	45.13
681	1360	52.73	51.66	50.08	50.67	53.81	51.86	52.84	45.13
682	1362	52.57	51.49	49.91	50.50	53.57	51.67	52.61	45.14
683	1364	52.41	51.32	49.74	50.34	53.33	51.48	52.39	45.14
684	1366	52.25	51.16	49.59	50.19	53.10	51.30	52.17	45.14
685	1368	52.10	51.01	49.43	50.04	52.88	51.12	51.96	45.13
686	1370	51.95	50.86	49.30	49.89	52.66	50.94	51.77	45.12
687	1372	51.80	50.72	49.16	49.75	52.44	50.77	51.58	45.12
688	1374	51.65	50.58	49.03	49.61	52.23	50.61	51.40	45.10
689	1376	51.48	50.45	48.90	49.46	52.02	50.44	51.22	45.09
690	1378	51.34	50.32	48.79	49.32	51.82	50.30	51.04	45.08
691	1380	51.20	50.20	48.67	49.18	51.62	50.14	50.88	45.06
692	1382	51.06	50.08	48.56	49.05	51.43	50.00	50.72	45.04
693	1384	50.93	49.97	48.45	48.92	51.24	49.86	50.56	45.02
694	1386	50.79	49.85	48.35	48.79	51.06	49.71	50.42	44.99
695	1388	50.66	49.75	48.25	48.66	50.89	49.58	50.27	44.97
696	1390	50.53	49.64	48.16	48.54	50.71	49.44	50.13	44.95
697	1392	50.40	49.54	48.07	48.42	50.54	49.31	50.00	44.92
698	1394	50.27	49.44	47.97	48.30	50.37	49.19	49.88	44.90
699	1396	50.15	49.34	47.89	48.19	50.22	49.07	49.75	44.87
700	1398	50.02	49.25	47.80	48.07	50.06	48.95	49.63	44.84
701	1400	49.90	49.16	47.72	47.96	49.91	48.83	49.51	44.81
702	1402	49.79	49.09	47.66	47.85	49.77	48.77	49.39	44.78
703	1404	49.67	49.25	47.76	47.74	49.64	49.03	49.30	44.75
704	1406	49.56	49.65	48.10	47.65	49.56	49.56	49.24	44.72
705	1408	49.47	50.22	48.58	47.57	49.58	50.20	49.25	44.68
706	1410	49.42	50.85	49.16	47.52	49.68	50.87	49.34	44.65
707	1412	49.41	51.52	49.77	47.51	49.84	51.52	49.50	44.61
708	1414	49.44	52.17	50.38	47.55	50.05	52.14	49.71	44.58
709	1416	49.50	52.81	50.99	47.61	50.31	52.74	49.98	44.55
710	1418	49.59	53.42	51.58	47.71	50.59	53.29	50.27	44.51
711	1420	49.71	53.99	52.15	47.83	50.89	53.79	50.59	44.48
712	1422	49.85	54.53	52.68	47.97	51.20	54.28	50.94	44.44
713	1424	50.00	55.05	53.20	48.13	51.52	54.74	51.30	44.41
714	1426	50.17	55.53	53.68	48.30	51.85	55.17	51.66	44.39
715	1428	50.35	55.99	54.14	48.47	52.18	55.58	52.02	44.36
716	1430	50.53	56.42	54.57	48.67	52.52	55.97	52.40	44.33
717	1432	50.72	56.82	54.99	48.86	52.85	56.34	52.76	44.30

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718	1434	50.91	57.21	55.38	49.05	53.19	56.69	53.12	44.28
719	1436	51.11	57.57	55.74	49.26	53.52	57.04	53.48	44.27
720	1438	51.31	57.91	56.09	49.46	53.85	57.37	53.82	44.25
721	1440	51.51	58.25	56.42	49.66	54.17	57.69	54.16	44.24
722	1442	51.71	58.55	56.73	49.86	54.50	57.99	54.49	44.22
723	1444	51.90	58.85	57.03	50.06	54.81	58.29	54.82	44.22
724	1446	52.10	59.13	57.31	50.26	55.13	58.57	55.14	44.21
725	1448	52.30	59.39	57.58	50.46	55.44	58.85	55.45	44.22
726	1450	52.50	59.64	57.83	50.66	55.74	59.11	55.74	44.22
727	1452	52.69	59.88	58.07	50.85	56.04	59.36	56.03	44.22
728	1454	52.88	60.11	58.30	51.05	56.33	59.61	56.31	44.24
729	1456	53.08	60.34	58.52	51.24	56.61	59.85	56.58	44.25
730	1458	53.27	60.54	58.73	51.42	56.89	60.08	56.84	44.26
731	1460	53.45	60.74	58.92	51.61	57.16	60.30	57.09	44.28
732	1462	53.64	60.94	59.11	51.79	57.43	60.51	57.33	44.30
733	1464	53.82	61.12	59.29	51.97	57.69	60.72	57.56	44.33
734	1466	54.00	61.29	59.46	52.15	57.94	60.92	57.78	44.35
735	1468	54.18	61.46	59.62	52.32	58.19	61.11	58.00	44.38
736	1470	54.36	61.62	59.78	52.49	58.43	61.31	58.21	44.40
737	1472	54.53	61.78	59.93	52.66	58.67	61.48	58.40	44.44
738	1474	54.70	61.93	60.07	52.82	58.90	61.66	58.59	44.47
739	1476	54.87	62.08	60.21	52.98	59.13	61.84	58.78	44.51
740	1478	55.03	62.22	60.33	53.15	59.34	62.01	58.96	44.55
741	1480	55.20	62.36	60.46	53.30	59.55	62.17	59.13	44.59
742	1482	55.36	62.49	60.58	53.45	59.76	62.33	59.29	44.63
743	1484	55.51	62.61	60.70	53.60	59.97	62.47	59.45	44.67
744	1486	55.66	62.73	60.81	53.74	60.16	62.63	59.61	44.72
745	1488	55.82	62.85	60.92	53.89	60.35	62.77	59.75	44.76
746	1490	55.97	62.97	61.02	54.03	60.54	62.91	59.90	44.81
747	1492	56.11	63.08	61.12	54.17	60.71	63.04	60.03	44.86
748	1494	56.25	63.19	61.22	54.30	60.89	63.17	60.17	44.91
749	1496	56.40	63.30	61.32	54.43	61.07	63.29	60.29	44.97
750	1498	56.54	63.40	61.41	54.56	61.23	63.42	60.42	45.01
751	1500	56.67	63.50	61.50	54.69	61.38	63.53	60.53	45.07
752	1502	56.80	63.58	61.57	54.81	61.54	63.60	60.64	45.11
753	1504	56.94	63.45	61.48	54.94	61.68	63.36	60.74	45.17
754	1506	57.06	63.07	61.18	55.05	61.76	62.85	60.81	45.22
755	1508	57.16	62.54	60.72	55.14	61.76	62.24	60.82	45.27
756	1510	57.23	61.94	60.19	55.20	61.67	61.60	60.76	45.32
757	1512	57.26	61.32	59.62	55.23	61.52	60.98	60.65	45.37
758	1514	57.25	60.69	59.04	55.21	61.32	60.39	60.48	45.43
759	1516	57.21	60.09	58.46	55.16	61.09	59.84	60.27	45.49
760	1518	57.13	59.51	57.90	55.09	60.83	59.32	60.02	45.54

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_3/^\circ\text{C}$	$\theta_4/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_6/^\circ\text{C}$	$\theta_7/^\circ\text{C}$	$\theta_8/^\circ\text{C}$
761	1520	57.03	58.96	57.37	54.99	60.55	58.83	59.74	45.59
762	1522	56.92	58.44	56.86	54.86	60.27	58.38	59.45	45.64
763	1524	56.78	57.95	56.38	54.73	59.96	57.95	59.13	45.70
764	1526	56.64	57.49	55.93	54.58	59.66	57.54	58.81	45.74
765	1528	56.48	57.06	55.50	54.42	59.33	57.14	58.49	45.79
766	1530	56.32	56.66	55.10	54.25	59.03	56.79	58.15	45.83
767	1532	56.15	56.28	54.71	54.08	58.71	56.44	57.83	45.87
768	1534	55.98	55.92	54.35	53.91	58.41	56.12	57.50	45.92
769	1536	55.81	55.59	54.02	53.73	58.10	55.80	57.18	45.95
770	1538	55.64	55.27	53.69	53.56	57.80	55.50	56.86	45.99
771	1540	55.46	54.97	53.39	53.38	57.49	55.21	56.54	46.03
772	1542	55.28	54.68	53.10	53.20	57.17	54.91	56.24	46.06
773	1544	55.11	54.42	52.84	53.02	56.88	54.65	55.94	46.09
774	1546	54.94	54.17	52.58	52.84	56.60	54.40	55.64	46.11
775	1548	54.77	53.93	52.33	52.66	56.32	54.16	55.36	46.13
776	1550	54.59	53.70	52.10	52.49	56.04	53.92	55.08	46.14
777	1552	54.42	53.48	51.88	52.31	55.77	53.69	54.81	46.16
778	1554	54.24	53.28	51.68	52.15	55.51	53.47	54.56	46.18
779	1556	54.08	53.08	51.48	51.98	55.25	53.25	54.30	46.18
780	1558	53.91	52.89	51.29	51.82	55.00	53.04	54.06	46.19
781	1560	53.75	52.70	51.11	51.65	54.75	52.84	53.82	46.20
782	1562	53.58	52.54	50.94	51.49	54.51	52.64	53.60	46.20
783	1564	53.42	52.37	50.78	51.34	54.28	52.45	53.38	46.20
784	1566	53.27	52.21	50.62	51.18	54.05	52.26	53.17	46.20
785	1568	53.11	52.05	50.47	51.03	53.82	52.08	52.96	46.19
786	1570	52.96	51.91	50.32	50.87	53.61	51.91	52.77	46.17
787	1572	52.80	51.76	50.19	50.73	53.39	51.73	52.58	46.16
788	1574	52.65	51.63	50.06	50.58	53.18	51.58	52.39	46.15
789	1576	52.50	51.50	49.94	50.44	52.98	51.42	52.22	46.13
790	1578	52.36	51.36	49.81	50.30	52.77	51.26	52.04	46.11
791	1580	52.22	51.24	49.70	50.16	52.58	51.11	51.88	46.10
792	1582	52.08	51.12	49.58	50.03	52.38	50.96	51.72	46.07
793	1584	51.93	51.00	49.48	49.90	52.19	50.81	51.57	46.05
794	1586	51.80	50.89	49.37	49.77	52.00	50.67	51.42	46.02
795	1588	51.64	50.77	49.28	49.63	51.81	50.52	51.27	45.98
796	1590	51.52	50.67	49.18	49.51	51.64	50.39	51.12	45.96
797	1592	51.38	50.56	49.08	49.40	51.47	50.26	50.99	45.93
798	1594	51.26	50.46	48.98	49.28	51.31	50.14	50.86	45.91
799	1596	51.13	50.36	48.90	49.16	51.15	50.02	50.74	45.88
800	1598	51.01	50.26	48.81	49.05	50.99	49.89	50.62	45.85
801	1600	50.88	50.17	48.72	48.94	50.84	49.78	50.50	45.82
802	1602	50.76	50.10	48.66	48.82	50.69	49.72	50.38	45.79
803	1604	50.65	50.26	48.76	48.72	50.56	49.99	50.28	45.76

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_3/^\circ\text{C}$	$\theta_4/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_6/^\circ\text{C}$	$\theta_7/^\circ\text{C}$	$\theta_8/^\circ\text{C}$
804	1606	50.54	50.67	49.09	48.61	50.49	50.51	50.22	45.72
805	1608	50.45	51.23	49.58	48.53	50.50	51.15	50.23	45.69
806	1610	50.40	51.86	50.14	48.49	50.61	51.81	50.32	45.65
807	1612	50.38	52.51	50.75	48.48	50.77	52.45	50.48	45.62
808	1614	50.41	53.15	51.35	48.50	50.99	53.06	50.69	45.57
809	1616	50.47	53.78	51.96	48.56	51.24	53.64	50.95	45.53
810	1618	50.56	54.37	52.53	48.66	51.52	54.18	51.24	45.50
811	1620	50.67	54.93	53.09	48.79	51.81	54.69	51.57	45.47
812	1622	50.79	55.46	53.62	48.92	52.11	55.16	51.91	45.44
813	1624	50.95	55.97	54.11	49.08	52.43	55.61	52.26	45.42
814	1626	51.11	56.44	54.59	49.24	52.75	56.03	52.62	45.38
815	1628	51.28	56.88	55.03	49.41	53.07	56.43	52.98	45.35
816	1630	51.45	57.31	55.46	49.60	53.40	56.81	53.35	45.33
817	1632	51.63	57.70	55.86	49.79	53.73	57.18	53.71	45.30
818	1634	51.82	58.07	56.24	49.98	54.05	57.53	54.07	45.28
819	1636	52.01	58.43	56.60	50.17	54.38	57.87	54.42	45.26
820	1638	52.20	58.77	56.95	50.37	54.70	58.20	54.77	45.24
821	1640	52.39	59.10	57.28	50.57	55.03	58.52	55.10	45.23
822	1642	52.59	59.40	57.59	50.77	55.34	58.82	55.44	45.21
823	1644	52.78	59.69	57.89	50.97	55.65	59.10	55.75	45.20
824	1646	52.97	59.97	58.16	51.16	55.96	59.38	56.07	45.20
825	1648	53.17	60.23	58.43	51.36	56.26	59.65	56.37	45.20
826	1650	53.36	60.48	58.67	51.55	56.56	59.91	56.66	45.19
827	1652	53.55	60.71	58.91	51.75	56.85	60.15	56.95	45.20
828	1654	53.74	60.94	59.14	51.93	57.13	60.39	57.22	45.21
829	1656	53.93	61.15	59.35	52.12	57.40	60.61	57.48	45.22
830	1658	54.11	61.34	59.54	52.31	57.68	60.84	57.74	45.23
831	1660	54.30	61.54	59.73	52.49	57.94	61.04	57.99	45.25
832	1662	54.48	61.72	59.91	52.67	58.20	61.25	58.22	45.27
833	1664	54.66	61.89	60.08	52.85	58.45	61.45	58.44	45.29
834	1666	54.84	62.06	60.25	53.02	58.70	61.64	58.67	45.31
835	1668	55.01	62.22	60.40	53.19	58.94	61.82	58.88	45.34
836	1670	55.18	62.38	60.55	53.35	59.17	62.00	59.08	45.36
837	1672	55.35	62.52	60.70	53.52	59.40	62.18	59.27	45.40
838	1674	55.51	62.66	60.83	53.68	59.62	62.35	59.47	45.43
839	1676	55.67	62.80	60.96	53.83	59.84	62.51	59.65	45.47
840	1678	55.83	62.94	61.08	53.98	60.04	62.67	59.81	45.50
841	1680	55.99	63.07	61.20	54.13	60.24	62.82	59.97	45.53
842	1682	56.15	63.20	61.31	54.27	60.45	62.98	60.13	45.58
843	1684	56.29	63.32	61.42	54.42	60.64	63.13	60.29	45.62
844	1686	56.45	63.44	61.53	54.56	60.83	63.27	60.43	45.67
845	1688	56.59	63.54	61.63	54.70	61.01	63.41	60.58	45.71
846	1690	56.73	63.66	61.73	54.83	61.20	63.54	60.72	45.76

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_3/^\circ\text{C}$	$\theta_4/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_6/^\circ\text{C}$	$\theta_7/^\circ\text{C}$	$\theta_8/^\circ\text{C}$
847	1692	56.87	63.76	61.83	54.97	61.37	63.67	60.84	45.80
848	1694	57.02	63.87	61.92	55.10	61.54	63.80	60.97	45.85
849	1696	57.15	63.97	62.01	55.22	61.70	63.92	61.10	45.89
850	1698	57.28	64.07	62.09	55.35	61.87	64.04	61.21	45.94
851	1700	57.41	64.16	62.18	55.47	62.03	64.15	61.32	45.99
852	1702	57.54	64.22	62.24	55.59	62.17	64.21	61.43	46.04
853	1704	57.67	64.06	62.13	55.71	62.31	63.94	61.53	46.09
854	1706	57.79	63.67	61.81	55.81	62.38	63.42	61.59	46.15
855	1708	57.88	63.13	61.34	55.90	62.37	62.80	61.59	46.20
856	1710	57.94	62.53	60.80	55.95	62.27	62.16	61.53	46.25
857	1712	57.96	61.89	60.22	55.96	62.12	61.54	61.40	46.30
858	1714	57.94	61.27	59.63	55.95	61.91	60.94	61.23	46.35
859	1716	57.88	60.66	59.05	55.89	61.67	60.39	61.01	46.40
860	1718	57.80	60.08	58.50	55.81	61.41	59.86	60.76	46.45
861	1720	57.70	59.53	57.96	55.70	61.13	59.38	60.48	46.50
862	1722	57.57	59.01	57.45	55.57	60.83	58.92	60.18	46.55
863	1724	57.44	58.52	56.96	55.43	60.53	58.49	59.85	46.60
864	1726	57.29	58.06	56.51	55.28	60.22	58.09	59.53	46.64
865	1728	57.13	57.62	56.07	55.12	59.91	57.70	59.20	46.69
866	1730	56.96	57.22	55.66	54.94	59.60	57.34	58.87	46.73
867	1732	56.79	56.83	55.28	54.77	59.29	56.99	58.54	46.77
868	1734	56.61	56.47	54.91	54.58	58.98	56.66	58.21	46.81
869	1736	56.43	56.13	54.57	54.40	58.67	56.35	57.87	46.85
870	1738	56.26	55.81	54.24	54.22	58.36	56.05	57.55	46.88
871	1740	56.07	55.51	53.93	54.03	58.06	55.75	57.23	46.91
872	1742	55.89	55.22	53.64	53.85	57.76	55.48	56.92	46.93
873	1744	55.71	54.95	53.37	53.66	57.46	55.21	56.61	46.95
874	1746	55.53	54.69	53.11	53.49	57.17	54.95	56.32	46.98
875	1748	55.35	54.45	52.87	53.31	56.88	54.70	56.03	47.00
876	1750	55.17	54.22	52.64	53.13	56.61	54.46	55.75	47.01
877	1752	54.99	54.00	52.41	52.95	56.33	54.23	55.48	47.03
878	1754	54.82	53.79	52.21	52.77	56.06	54.00	55.23	47.04
879	1756	54.65	53.60	52.00	52.61	55.80	53.78	54.97	47.04
880	1758	54.48	53.41	51.82	52.44	55.54	53.56	54.72	47.04
881	1760	54.31	53.23	51.64	52.27	55.30	53.36	54.49	47.04
882	1762	54.15	53.06	51.47	52.10	55.06	53.17	54.26	47.04
883	1764	53.99	52.89	51.31	51.94	54.82	52.98	54.04	47.03
884	1766	53.83	52.73	51.15	51.79	54.58	52.79	53.83	47.03

ID	Zeit/s	$\theta_1/^\circ\text{C}$	$\theta_2/^\circ\text{C}$	$\theta_3/^\circ\text{C}$	$\theta_4/^\circ\text{C}$	$\theta_5/^\circ\text{C}$	$\theta_6/^\circ\text{C}$	$\theta_7/^\circ\text{C}$	$\theta_8/^\circ\text{C}$
885	1768	53.67	52.57	51.00	51.63	54.35	52.62	53.62	47.02
886	1770	53.50	52.43	50.86	51.48	54.12	52.43	53.43	47.01
887	1772	53.34	52.28	50.73	51.32	53.90	52.25	53.23	46.99
888	1774	53.19	52.14	50.59	51.18	53.67	52.08	53.05	46.97
889	1776	53.04	52.01	50.47	51.03	53.47	51.93	52.87	46.95
890	1778	52.89	51.88	50.35	50.89	53.28	51.77	52.71	46.94
891	1780	52.75	51.76	50.23	50.75	53.07	51.61	52.54	46.91
892	1782	52.60	51.64	50.11	50.60	52.88	51.45	52.36	46.87
893	1784	52.46	51.52	50.00	50.47	52.70	51.31	52.21	46.85
894	1786	52.32	51.40	49.90	50.34	52.51	51.17	52.06	46.83
895	1788	52.19	51.29	49.80	50.22	52.33	51.03	51.93	46.80
896	1790	52.05	51.18	49.70	50.09	52.16	50.90	51.79	46.77
897	1792	51.92	51.08	49.60	49.97	51.99	50.77	51.66	46.75
898	1794	51.79	50.97	49.51	49.85	51.82	50.64	51.53	46.72
899	1796	51.66	50.87	49.42	49.72	51.66	50.52	51.40	46.69
900	1798	51.54	50.77	49.33	49.61	51.51	50.40	51.28	46.66

Tabelle 3: Daten der Messung mit 200s-Periode

Literatur

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Die verwendeten Plots wurden mit *matplotlib*[1] und die Grafiken mit *GIMP*[5] erstellt sowie die Berechnungen mit *Python-Python-Numpy*, [4], *Python-Scipy*[2] und *Python-uncertainties*[3] durchgeführt.