

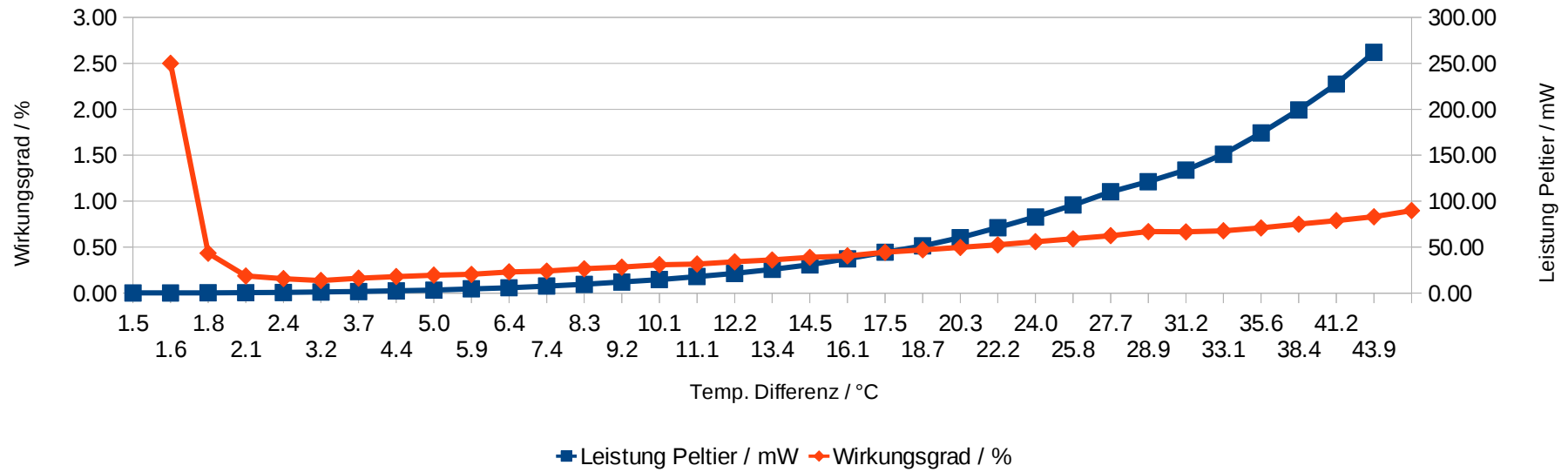
Tabelle1

Strom Heizung / A	Spannung Heizung / V	Leistung Heizung / W	Spannung Peltier / mV	Strom Peltier / mA	Leistung Peltier / mW	Temp heiß / °C	Temp kalt /°C	Temp Diff / °C	Wirkungsgrad / %
0.10	0.1	0.0	50	5.0	0.25	22.5	21.0	1.5	2.50
0.20	0.3	0.1	51	5.1	0.26	22.7	21.1	1.6	0.43
0.30	0.6	0.2	58	5.8	0.34	23.2	21.4	1.8	0.19
0.40	0.8	0.3	71	7.1	0.50	23.6	21.5	2.1	0.16
0.50	1.0	0.5	83	8.3	0.69	24.0	21.6	2.4	0.14
0.60	1.2	0.7	108	10.8	1.17	24.8	21.6	3.2	0.16
0.70	1.4	1.0	133	13.3	1.77	25.4	21.7	3.7	0.18
0.80	1.6	1.3	158	15.8	2.50	26.2	21.8	4.4	0.20
0.90	1.8	1.6	182	18.2	3.31	26.8	21.8	5.0	0.20
1.00	2.0	2.0	215	21.5	4.62	27.5	21.6	5.9	0.23
1.10	2.2	2.4	241	24.1	5.81	28.3	21.9	6.4	0.24
1.20	2.4	2.9	276	27.6	7.62	29.4	22.0	7.4	0.26
1.30	2.6	3.4	309	30.9	9.55	30.5	22.2	8.3	0.28
1.40	2.8	3.9	348	34.8	12.11	31.6	22.4	9.2	0.31
1.50	3.1	4.7	384	38.4	14.75	32.6	22.5	10.1	0.32
1.60	3.3	5.3	424	42.4	17.98	33.8	22.7	11.1	0.34
1.70	3.5	6.0	463	46.3	21.44	35.1	22.9	12.2	0.36
1.80	3.7	6.7	509	50.9	25.91	36.4	23.0	13.4	0.39
1.90	4.0	7.6	555	55.5	30.80	37.9	23.4	14.5	0.41
2.00	4.2	8.4	611	61.1	37.33	39.6	23.5	16.1	0.44
2.10	4.5	9.5	667	66.7	44.49	41.2	23.7	17.5	0.47
2.20	4.7	10.3	717	71.7	51.41	42.7	24.0	18.7	0.50
2.30	5.0	11.5	777	77.7	60.37	44.5	24.2	20.3	0.52
2.40	5.3	12.7	844	84.4	71.23	46.6	24.4	22.2	0.56
2.50	5.6	14.0	910	91.0	82.81	48.6	24.6	24.0	0.59
2.60	5.9	15.3	979	97.9	95.84	50.8	25.0	25.8	0.62
2.70	6.1	16.5	1050	105.0	110.25	53.2	25.5	27.7	0.67
2.80	6.5	18.2	1101	110.1	121.22	55.3	26.4	28.9	0.67
2.90	6.8	19.7	1157	115.7	133.86	58.0	26.8	31.2	0.68
3.00	7.1	21.3	1229	122.9	151.04	60.3	27.2	33.1	0.71

Tabelle1

3.10	7.5	23.3	1320	132.0	174.24	63.4	27.8	35.6	0.75
3.20	7.9	25.3	1412	141.2	199.37	66.3	27.9	38.4	0.79
3.30	8.3	27.4	1508	150.8	227.41	69.8	28.6	41.2	0.83
3.39	8.6	29.2	1618	161.8	261.79	73.3	29.4	43.9	0.90

Temp. Diff. vs. Wirkungsgrad and Leistung Peltier



Temp. heiß/ kalt



Tabelle1

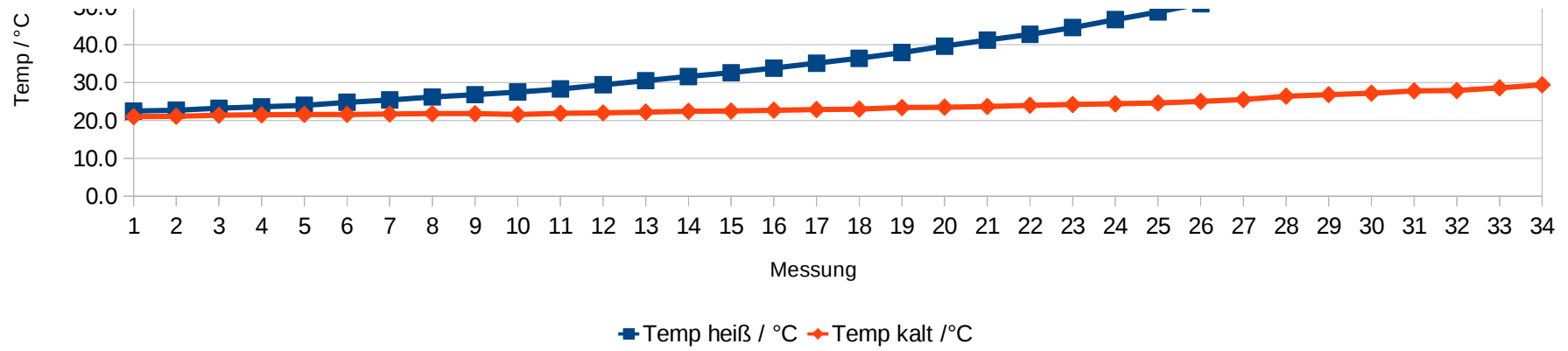


Tabelle2

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315  
332  
332  
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318 8,899438185