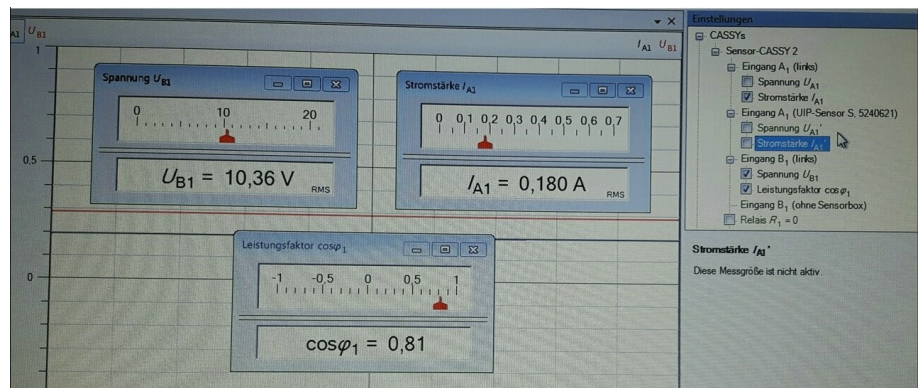
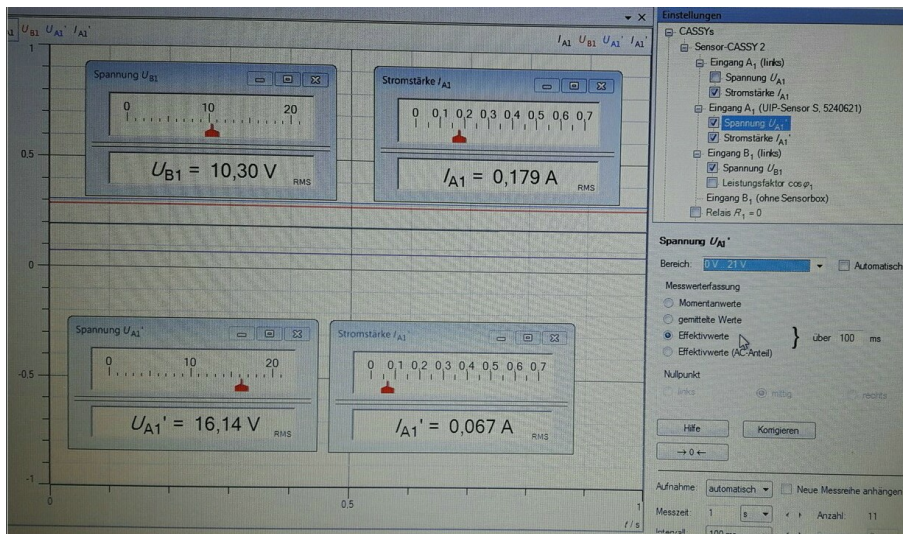
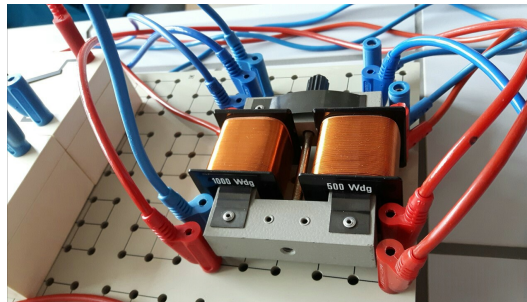
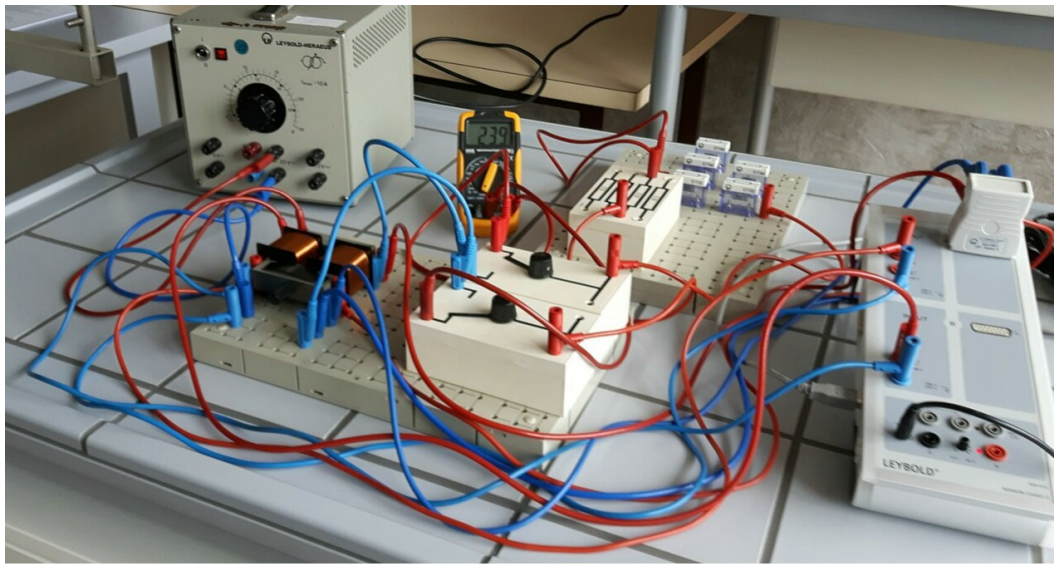
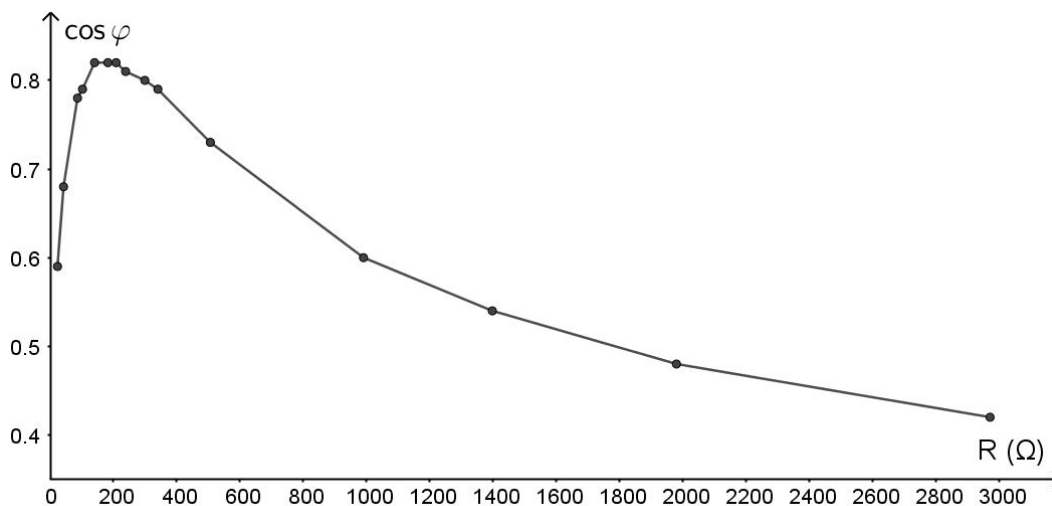
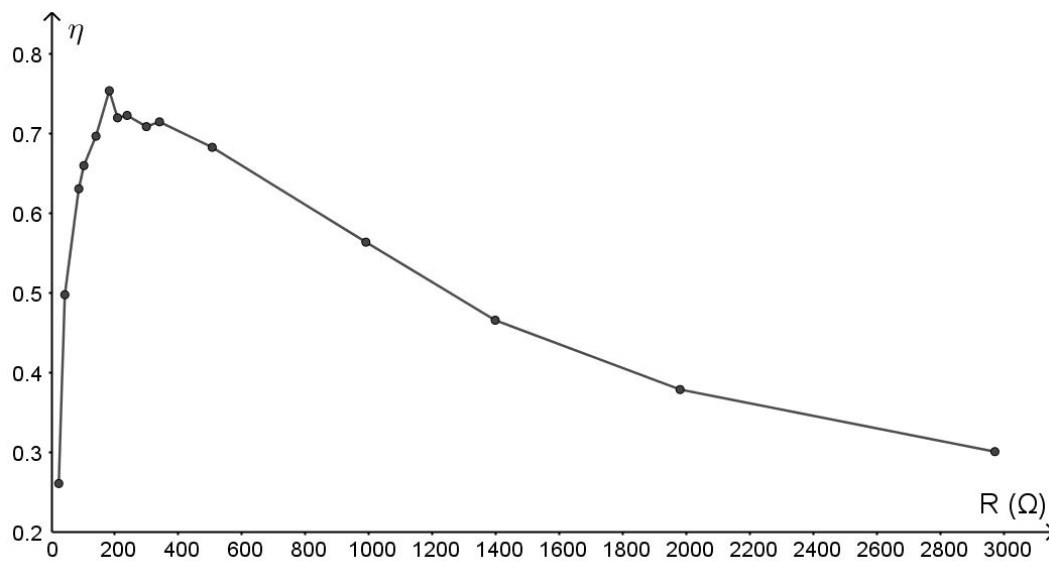
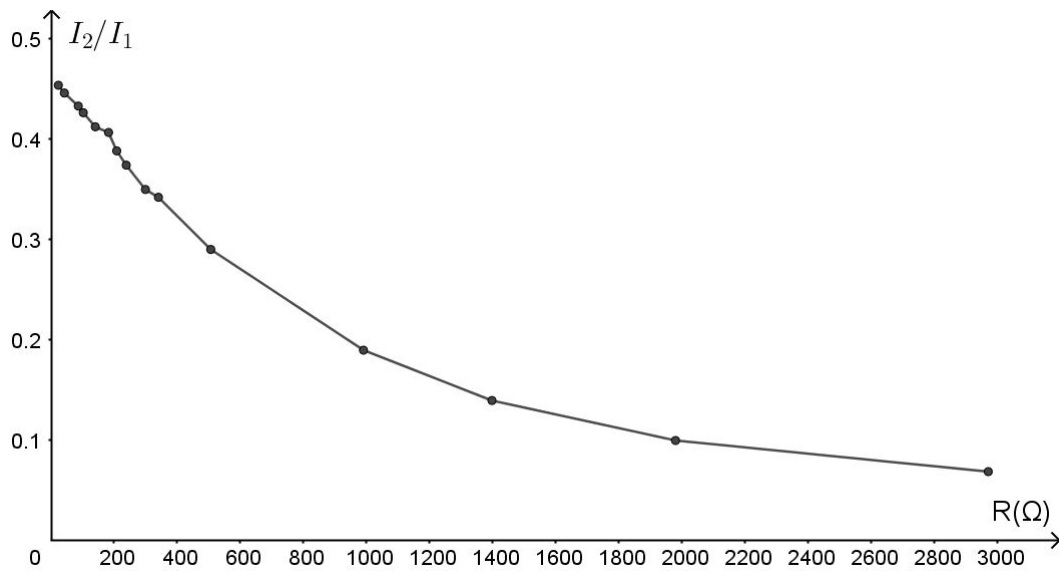
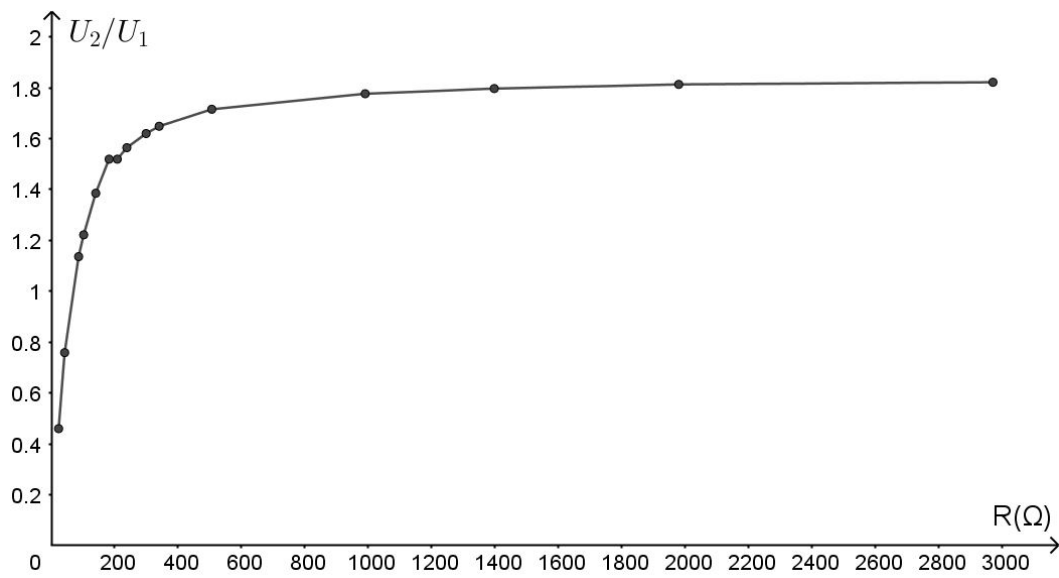


Bilder und Ergebnisse zum belasteten Trafo



R (Ω)	U ₁ (V)	I ₁ (A)	cos φ_1	U ₂ (V)	I ₂ (A)	P ₂ in W =U ₂ ·I ₂	P ₁ in W =U ₁ ·I ₁ ·cos φ_1	η =P ₂ /P ₁
23	9.87	0.456	0.59	4.54	0.207	0.940	3.601	0.261
42	9.82	0.399	0.68	7.45	0.178	1.326	2.664	0.498
86	9.84	0.307	0.78	11.18	0.133	1.487	2.356	0.631
102	9.96	0.286	0.79	12.17	0.122	1.485	2.250	0.660
140	10.09	0.240	0.82	13.98	0.099	1.384	1.986	0.697
182	10.01	0.204	0.82	15.21	0.083	1.262	1.674	0.754
208	10.03	0.193	0.82	15.24	0.075	1.143	1.587	0.720
238	10.29	0.179	0.81	16.10	0.067	1.079	1.492	0.723
299	10.48	0.160	0.80	16.98	0.056	0.951	1.341	0.709
340	10.51	0.149	0.79	17.33	0.051	0.884	1.237	0.715
506	10.62	0.124	0.73	18.22	0.036	0.656	0.961	0.683
990	10.74	0.100	0.60	19.08	0.019	0.363	0.644	0.564
1397	10.78	0.093	0.54	19.37	0.013	0.252	0.541	0.466
1979	10.82	0.090	0.48	19.62	0.009	0.177	0.467	0.379
2970	10.84	0.087	0.42	19.75	0.006	0.119	0.396	0.301





Zwei Quellen im Netz, die mir geholfen haben, diesen Versuch zu etablieren und auf Schulniveau anzupassen:

https://www.tu-chemnitz.de/physik/PGP/files/Anleitungen/Physik_3/E6.pdf

[studylibde.com/doc/5435707/e12-transformator-martin-wolf-dot-org](https://www.studylibde.com/doc/5435707/e12-transformator-martin-wolf-dot-org)