

Quasimodo test of nine transformers @ Cx=10nF, Cs=150nF, Rs=0-1K									
Constant parameters	Cx [F]	1.00E-08	Cs [F]	1.50E-07	Zeta, opt	0.707			
Transformer	Primary	Secondary	Sec. Resistance [Ohm]	Nat. Freq. @ Rs=∞ [Hz]	LT [H]	Damping factor (from log. decr.)	Nat. Freq @ Rs=0 [Hz]	Rs @ Zeta,opt (QModo) [Ohm]	Rs @Zeta,opt. (calc.) [Ohm]
Spitznagel SPF143 1818, split-bobbin, split primary and secondary	2x115V	2x18V, 0.39A	6.30	11500	1.915E-02	0.0368	3000	670	981.9
Spitznagel SP018 1818, split-bobbin, split primary and secondary	1x230V	2x18V, 0.04A	116.00	17600	8.177E-03	0.06	Slight ringing, 1-1.5 periods	695	703.3
Hammond 162F36, split-bobbin, split primary and secondary	2x115V	2x18V, 0.17A	8.20	208000	5.855E-05	0.07	Slight ringing, 1-1.5 periods	25	58.6
No name, construction details unknown, wall plug type	1x230V	2x9V, 1A	0.45	59500	7.155E-04	0.054	14000	180	189.4
Hitachi, mains transformer from HMA-G2 amplifier (1982)	2x115V	2x50V (rectified), 380VA	0.50	305000	2.723E-05	0.1	Slight ringing, 1-1.5 periods	55	37.2
Panasonic, wall plug power supply, split bobbin	1x230V	1x12V, 500mA	18.00	34000	2.191E-03	0.0334	8550	375	340.3
Panasonic, wall plug power supply, split bobbin, with rectifier (4x1N4002, 1000uF)	1x230V	1x12V, 500mA	18.00	34000	2.191E-03	0.0336	8550	383	340.3
Triad FS24-100, split-bobbin, split primary and secondary	2x115V	2x12V, 0.1A	12.00	40000	1.583E-03	0.0252	10300	280	287.5
Triad FS24-800, split-bobbin, split primary and secondary	2x115V	2x12V, 0.8A	1.80	86200	3.409E-04	0.0622	22100	160	131.5
MYRRA, Safety Isolating Transformer, encapsulated, Type 44699	230V	1x12V, 2.8VA	18.95	15500	1.054E-02	0.0673	4000	730	735.8
My transformer			6.30	11501	1.915E-02				981.8