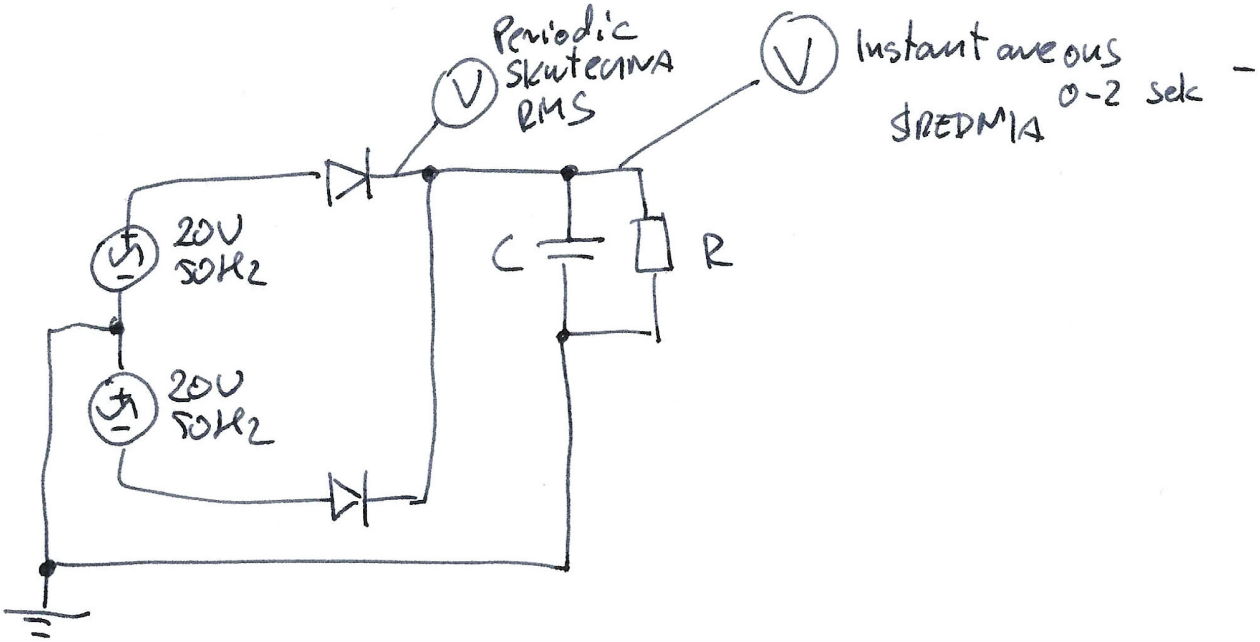
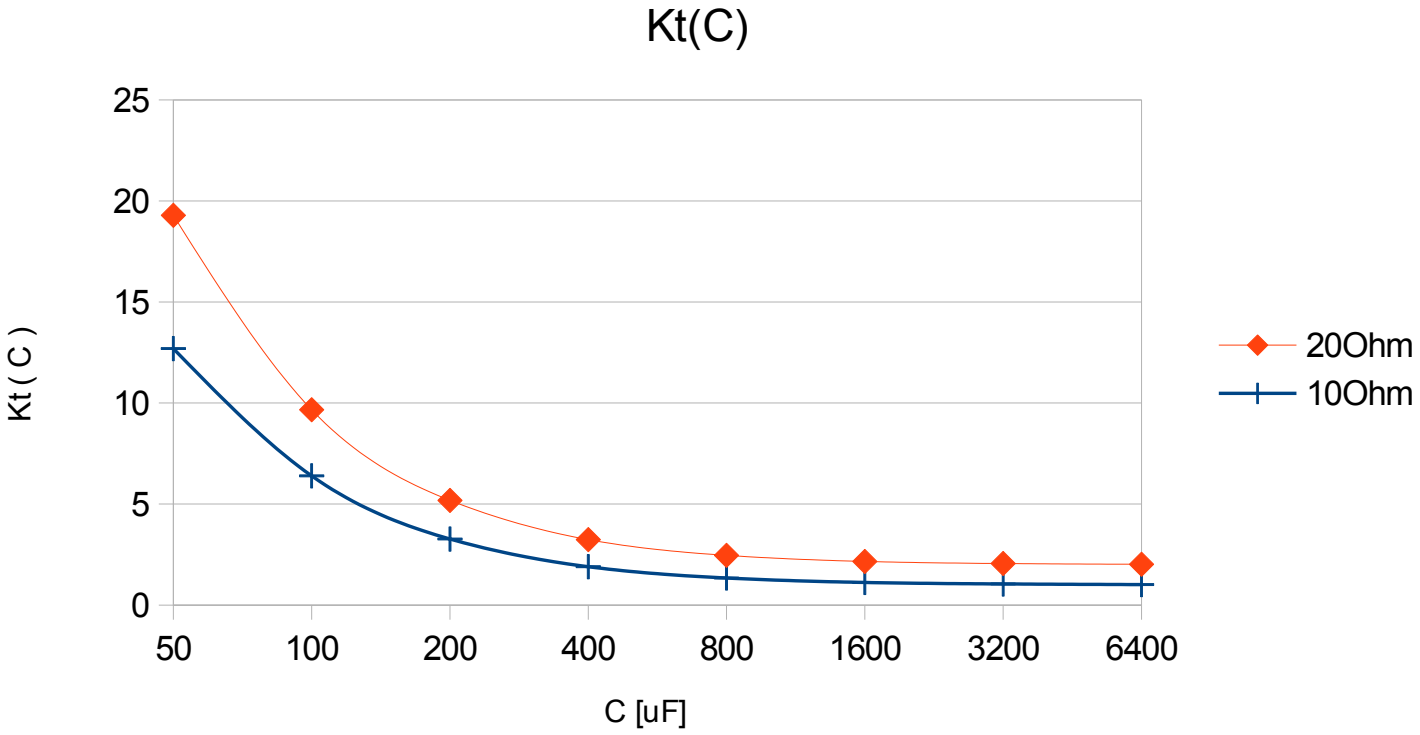
Zad 1. Wartość współczynnika tętnienia

$$K_t = \frac{U_{SKUTECZNA}}{U_{SREDNIA}} = \frac{I_{0RMS}}{I_{0AVG}}$$



	10 Ω	20 Ω
50 μF	$\frac{13.242}{1.043} = 12.696$	$\frac{13.392}{2.03} = 6.59$
100 μF	$\frac{13.050}{2.0008} = 6.3933$	$\frac{13.544}{4.13} = 3.27$
200 μF	$\frac{13.528}{4.137} = 3.27$	$\frac{13.954}{7.30} = 1.94$
400 μF	$\frac{13.954}{7.348} = 1.899$	$\frac{14.939}{4.14} = 1.34$
800 μF	$\frac{14.925}{11.138} = 1.34$	$\frac{16.194}{14.379} = 1.12$
1600 μF	$\frac{16.174}{14.358} = 1.12$	$\frac{17.294}{16.524} = 1.04$
3200 μF	$\frac{17.278}{16.509} = 1.046$	$\frac{18.12}{17.82} = 1.01$
6400 μF =	$\frac{18.14}{17.86} = 1.015$	$\frac{18.88}{18.80} = 1.004$



uF	10Ohm	20Ohm
50	12.696	6.59
100	6.3933	3.27
200	3.27	1.911
400	1.899	1.34
800	1.34	1.12
1600	1.12	1.04
3200	1.046	1.01
6400	1.015	1.004