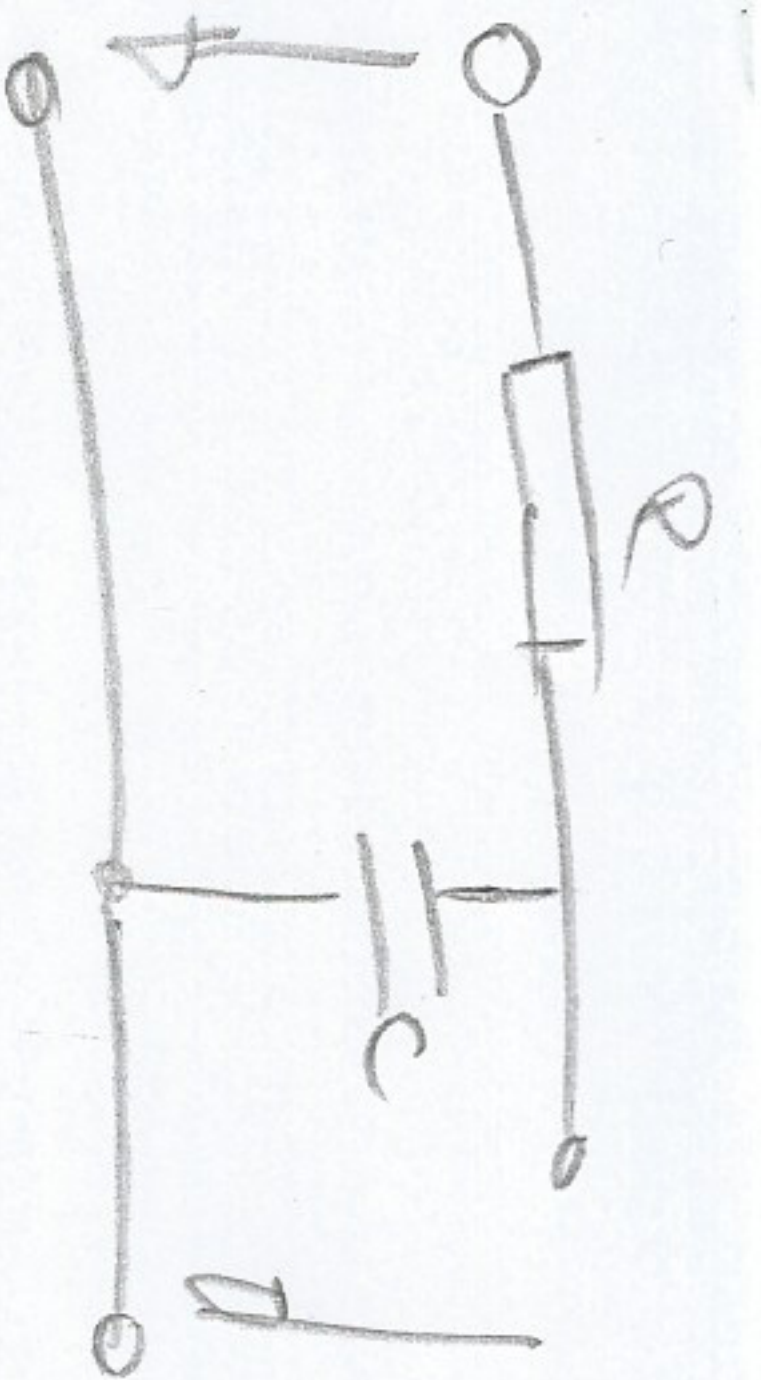


10 nF
4,7 M
10 M F

Transistor



1000 -> 255

+2,5

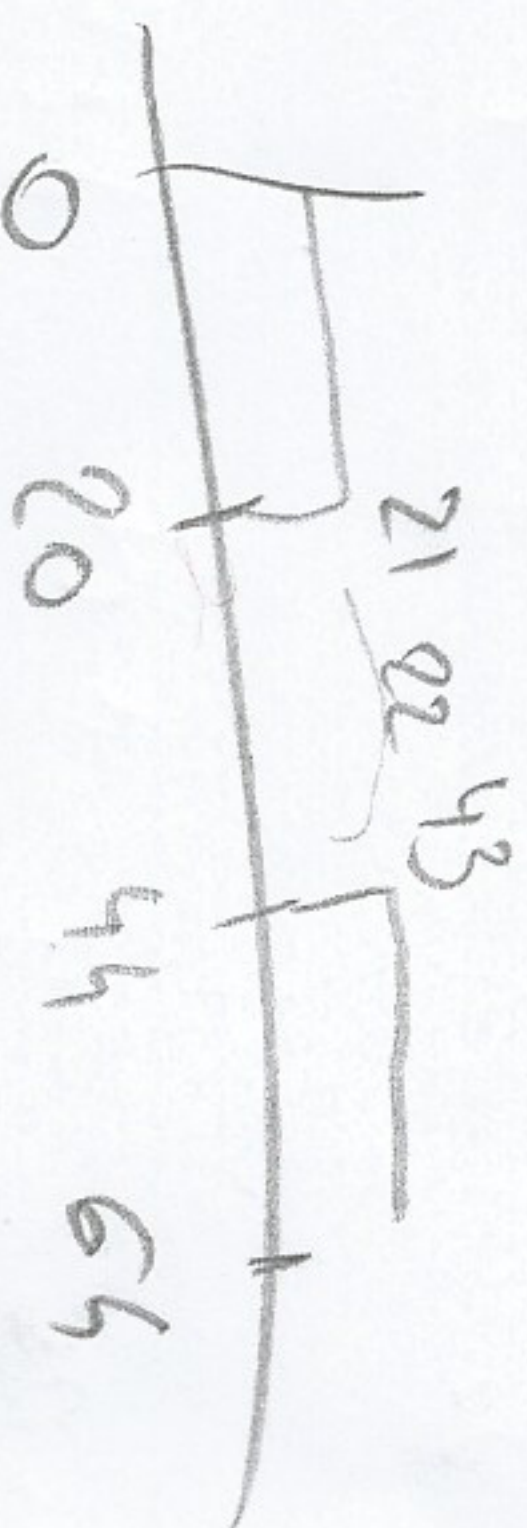
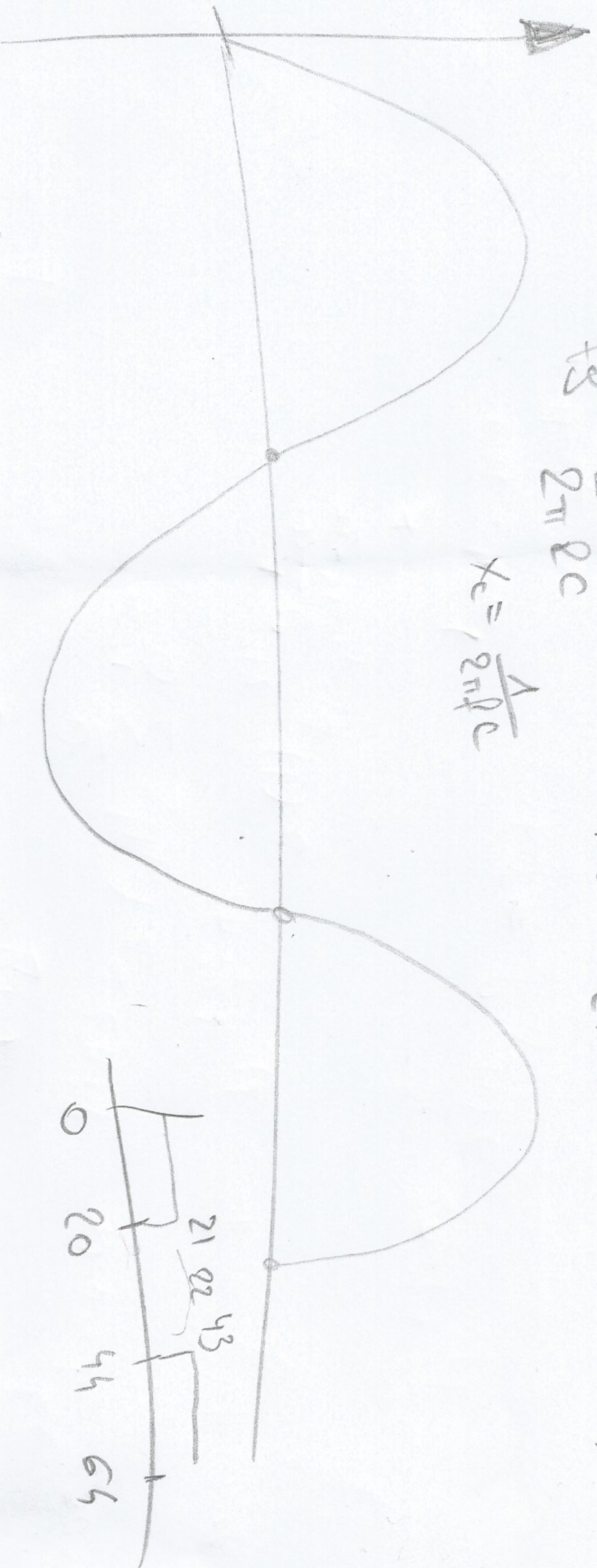
Grenzfrequenz

$$f_g = \frac{1}{2\pi RC}$$

$$X_C = \frac{1}{2\pi f C}$$

$$R_{eq} = \frac{1}{2\pi RC}$$

800/800



$$X_C = \frac{1}{2\pi f C}$$

$$= \frac{1}{2\pi \cdot 100 \cdot 4,7 \cdot 10^{-6}}$$

$$f_g = 37$$

$$\rightarrow 33 \Omega$$

$$10 \Omega$$

$$3 \times 100 \Omega$$

$$mit f_g = 100 \text{ Hz}$$

$$40 \Omega$$