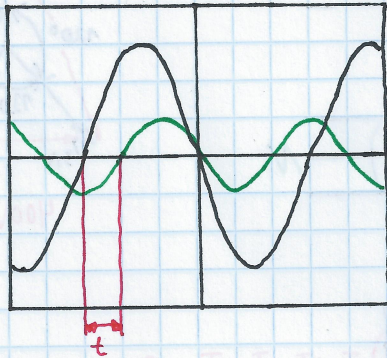


ZoK

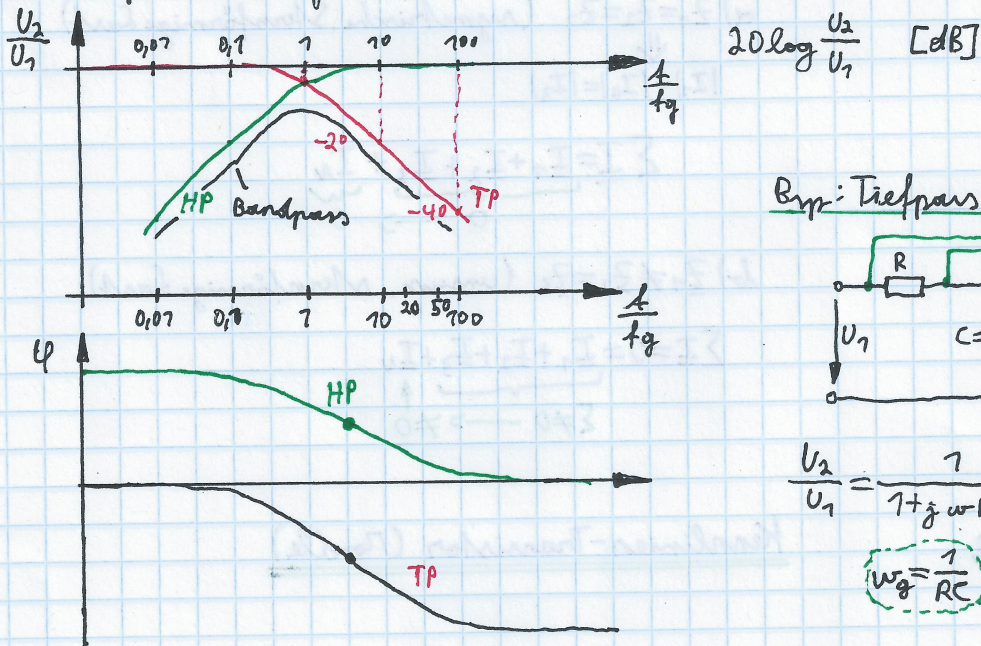
Bode-Diagramme (moodle)

- Phasenverschiebung messen

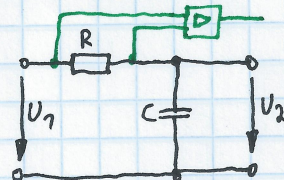


$$\varphi = \frac{t}{T} \cdot 360^\circ$$

- Bsp. Bode Diagramm



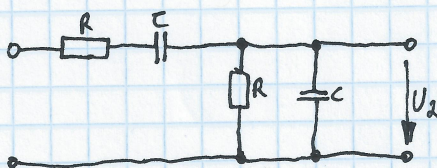
Bsp: Tiefpass



$$\frac{U_2}{U_1} = \frac{1}{1 + j\omega RC} = \frac{1}{1 + j\frac{f}{f_g}}$$

$\omega_g = \frac{1}{RC}$

Bsp: Bandpass



Schwingkreis

$$\omega_g = \frac{1}{\sqrt{LC}}$$

|| Tipp: Dimensionierung: Filter, f_g