



$$\frac{1}{RT} = \frac{1}{R2} + \frac{1}{R1} = \frac{R_1 + R_2}{R_2 \cdot R_1} =$$

$$Z_2 = \frac{2c \cdot R_2}{4c + R_1} = \frac{\frac{1}{SC} \cdot R_2}{\frac{1}{SC}}$$

$$Z_{2} = \frac{R^{2}}{S C R_{2} + 1} = \frac{R_{2}}{1 + S C R_{2}}$$

0,1nf = 100 pf 16 KHz

$$Av = -\frac{Zz}{R1} = -\frac{Rz}{R1} = -\frac{Rz}{R1}$$

$$f_{c} = \frac{1}{2\pi RC} = \frac{1}{2\pi 100.10^{3}.10.10^{-9}} = \frac{1}{2\pi.10^{-3}} = \frac{1}{2\pi.10^{-3}} = \frac{1}{1000} = \frac{1}{10000} = \frac{1}{1000} =$$