

$$10^{9} - (50)^{2} \neq 6 = ) \quad 10^{9} - 25R^{2} = 0$$

$$R^{2} = \sqrt{\frac{10^{9}}{25}} = 6,3 \text{ K}\Omega$$

$$R \neq 6,3 \text{ K}\Omega \Rightarrow 7 \text{ Responsibility simulations of the server.}$$

$$6.6) \quad V_{(8)} = \frac{2}{3} \frac{1010}{5^2 + 100001 + 109} = \frac{4}{5} + \frac{B n + C}{5^2 + 100001 + 109} = 6$$

A+13 =0

$$=\frac{2}{5}-20\frac{5+1000}{5^2+10000+109}=\frac{2}{5}-\frac{5}{10}\frac{5}{(5+500)^2+109}-\frac{15}{15}\frac{5}{(5+500)^2+109}$$

$$u = \frac{10^{4/5}}{217}$$
 Hz
 $x = -500$