$$T(s) = \frac{1,9653}{(s+1,2526)\left[s-(-0,6263+j1,0848)\right]\left[s-(-0,6263-j1,0848)\right]}$$

$$T(s) = \frac{1,9653}{(s+1,2526)(s^2+0,6263s+j1,0848s+0,6263s+0,6263^2+j0,6794 - j1,0848s - j0,6794+1,0848^2)}$$

$$T(s) = \frac{1,9653}{(s+1,2526)(s^2+1,2526s+1,5690)} = \frac{1,2526}{(s+1,2526)} \frac{1,5690}{(s^2+1,2526s+1,5690)}$$

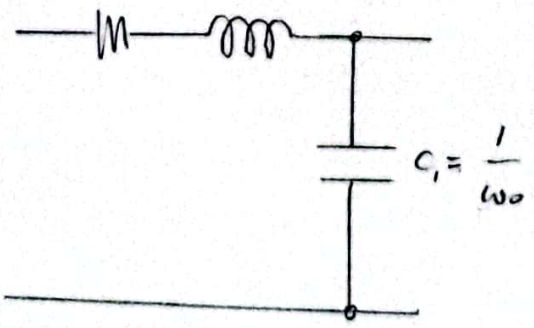
$\omega_o^2 = 1,5690$; $\omega_o = 1,2526$

$\frac{\omega_o}{q} = 1,2526$; $q = 1$

$\frac{\omega_o}{q} = \frac{R_1}{L}$; $\omega_o^2 = \frac{1}{LC_1}$

Con $\Omega_z = K_1 \rightarrow R_{1_n} = 1$; $L_n = \frac{q}{\omega_o} = \frac{1}{1,2526} \simeq 0,7983$

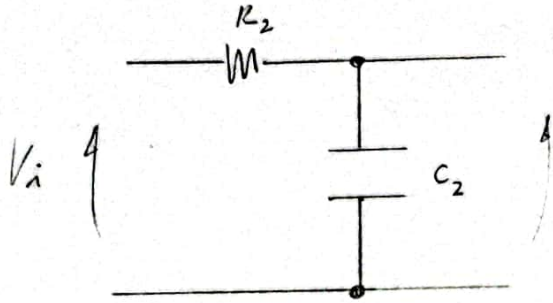
$R_1 = 1$ $L = \frac{1}{\omega_o}$



$$C_{1_n} = \frac{1}{L\omega_o^2} = \frac{1}{\frac{q}{\omega_o}\omega_o^2} = \frac{1}{q\omega_o} = \frac{1}{1,2526}$$

$\simeq 0,7983$

$$T(s) = \underbrace{\frac{1,2526}{(s+1,2526)}} \; \frac{1,5690}{(s^2+1,2526s+1,5690)}$$



$$\frac{V_o}{V_i} = \frac{Z_2}{Z_1+Z_2} = \frac{1/sC_2}{R_2+1/sC_2} = \frac{1}{1+sR_2C_2}$$

$$= \frac{1/R_2C_2}{s+1/R_2C_2}$$

$$\omega_{on} = \frac{1}{R_2C_2} \; ; \; \Omega_z = R_2 \; ; \; R_{2n} = 1 \; ; \; C_{2n} = \frac{1}{\omega_{on}/R_{2n}} = \frac{1}{1,2526} = 0,7983$$

$\frac{\omega_o}{\Omega\omega}$ $\quad$ $\frac{R_2}{\Omega_z}$