$F_0 + 300\ Hz = 1400\ Hz$

- $I_{ef} = \frac{1{,}316\ V}{986\ \Omega} = 0{,}0013\ A$
- $Z = \frac{1{,}346\ V}{0{,}0013\ A} = 1008{,}4772\ \Omega$
- $X_c = \frac{0{,}309\ V}{0{,}0013\ A} = 231{,}5152\ \Omega$
- $C = \frac{1}{6.917{,}8\ \frac{1}{s} \cdot 231{,}5152\ \Omega} = 0{,}4910 \times 10^{-6}$
- $Z_L = \frac{0{,}494\ V}{0{,}0013\ A} = 370{,}1246\ \Omega$
- $X_L = \sqrt{(370{,}1246\ \Omega)^2 - (11{,}5\ \Omega)^2} = 369{,}9459\ \Omega$
- $L = \frac{369{,}9459\ \Omega}{6.917{,}8\ \frac{1}{s}} = 0{,}0421\ H$
- $\varphi = arc\ tg\ \frac{369{,}9459\ \Omega - 231{,}5152\ \Omega}{11{,}5\ \Omega + 986\ \Omega} = 7°54'3''$