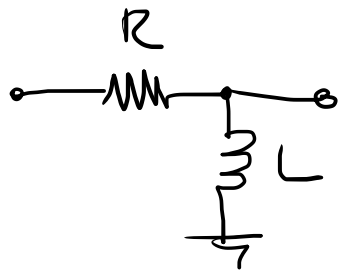
182

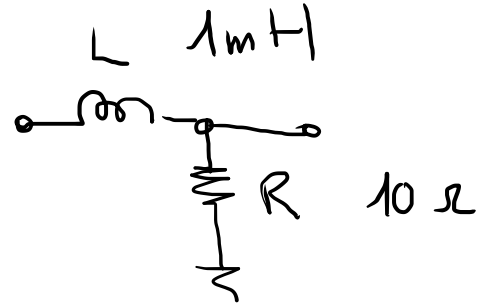
RL

=

1KHz



P. Alto



P. Basso

$f \simeq 1{,}3\,KHz$

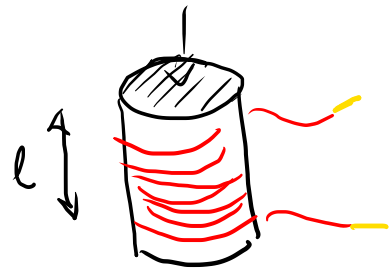
$$L = \mu \cdot N^2 \cdot \frac{S}{\ell} =$$

$$= \underbrace{1{,}256 \cdot 10^{-6}} \cdot 120^2 \cdot \frac{0{,}00502}{0{,}06} =$$

$$= 1{,}51\,H \cdot 10^{-3} \simeq 1{,}5\,mH$$

$$S = \pi r^2$$

$d = 80\,mm$



$N = 120$

$r = 40\,mm < 4\,cm = 0{,}04\,m$

$\ell = 60\,mm = 6\,cm = 0{,}06$

$S = \pi (0{,}04)^2 = 0{,}00502\,m^2$

RC

piccoli

c. el.

BF

minore

rumore

RL

grandi

c. mg.

RF

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