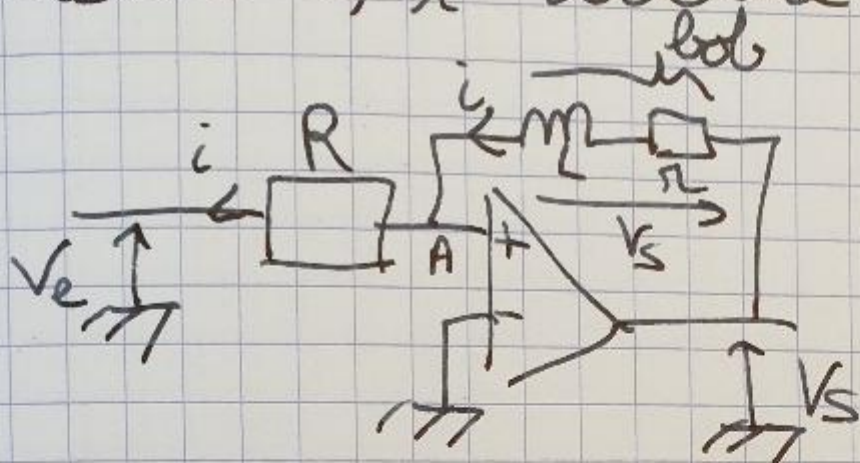


Exercise 4, π bobine



$$V_A = V_- = 0$$

$$V_e = Ri$$

$$V_s = (jL\omega + \pi) i$$

$$\frac{V_s}{V_e} = \frac{\pi}{R} + j \frac{L\omega}{\pi}$$

$$\left| \frac{V_s}{V_e} \right|^2 = \left(\frac{\pi}{R} \right)^2 + \left(\frac{L\omega}{\pi} \right)^2$$