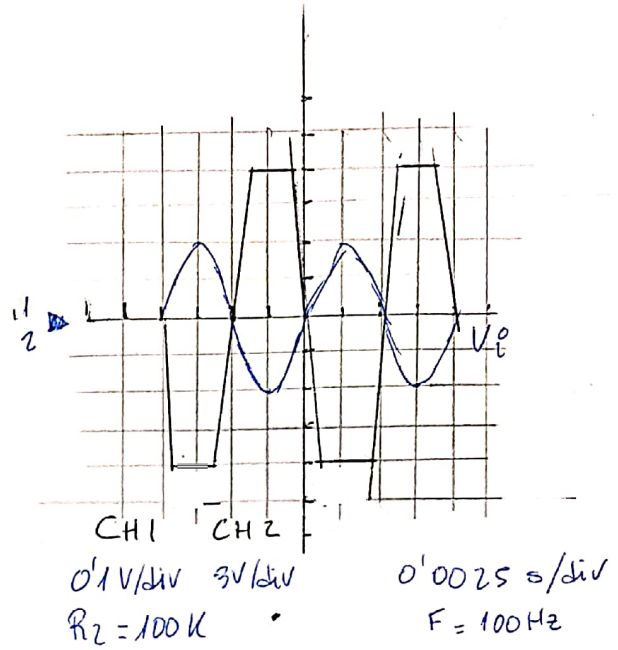
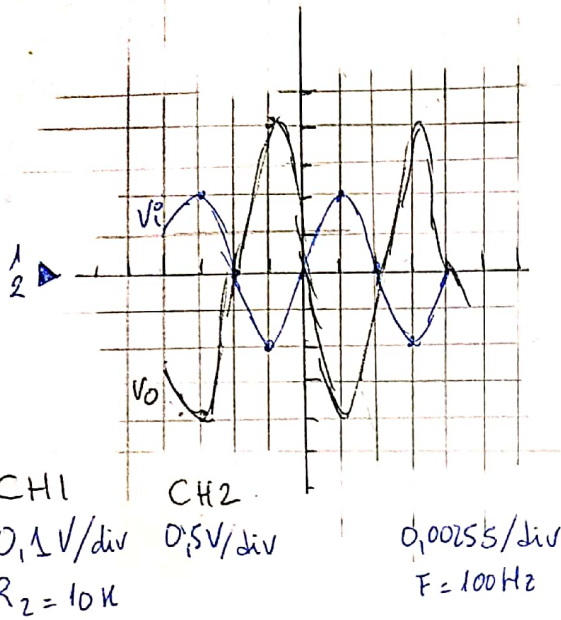


PRACTICA 4

1-
a)



b)

$$V_0 = \frac{R_2}{R_1} V_i$$

$$R_2 = 10K$$

$$R_2 = 100K$$

$$G = \frac{-R_2}{R_1}$$

Ganancia real (osciloscopio)

Ganancia teorica
-10
-100

2 -

c)

V_o real

$$V_{ref} = 0V$$

$$V_{ref} = 10V$$

$$V_o = A(V_p - V_n)$$

$$= A(V_i - V_n)$$

V_o teórica

$$1-8V$$

$$0V$$

d)

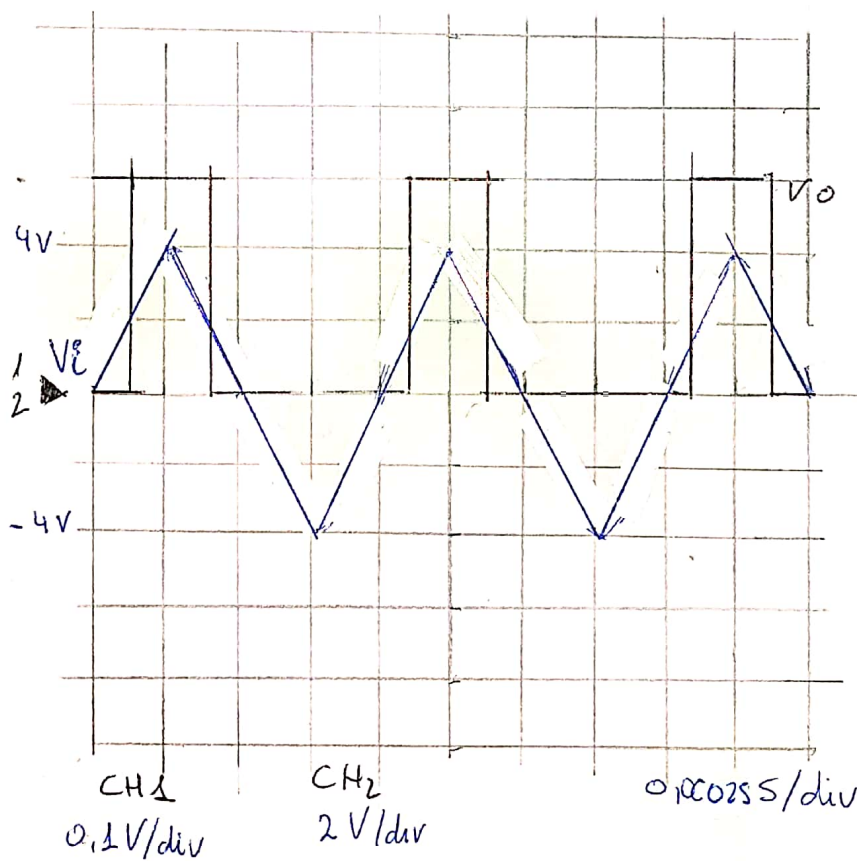
V_{ref} real

$$T_{on} = T_{off} \rightarrow D = 50\%$$

V_{ref} teórica

$$10V$$

e)



$$V_{ref} = 5V$$