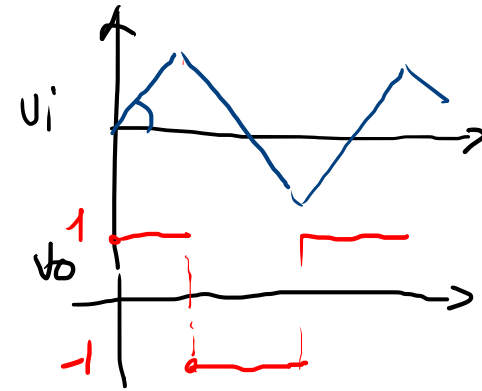
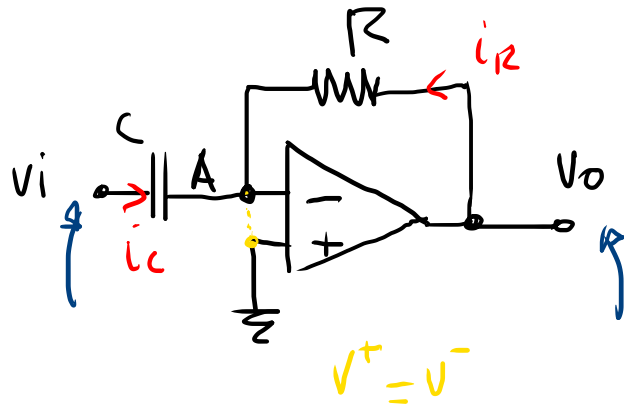


151. Differenziatore



$$i_c = C \cdot \frac{dv_i}{dt}$$

$$i_R = \frac{V_o}{R}$$

$$A: i_R + i_c = 0$$

$$i_R = -i_c$$

$$\frac{V_o}{R} = -C \frac{dv_i}{dt}$$

$$V_o = -RC \frac{dV_i}{dt}$$

$$\frac{1M\Omega}{1\mu F} = 10^6 \cdot 10^{-6}$$

$$\frac{100K}{0,1\mu F} = 10^5$$

