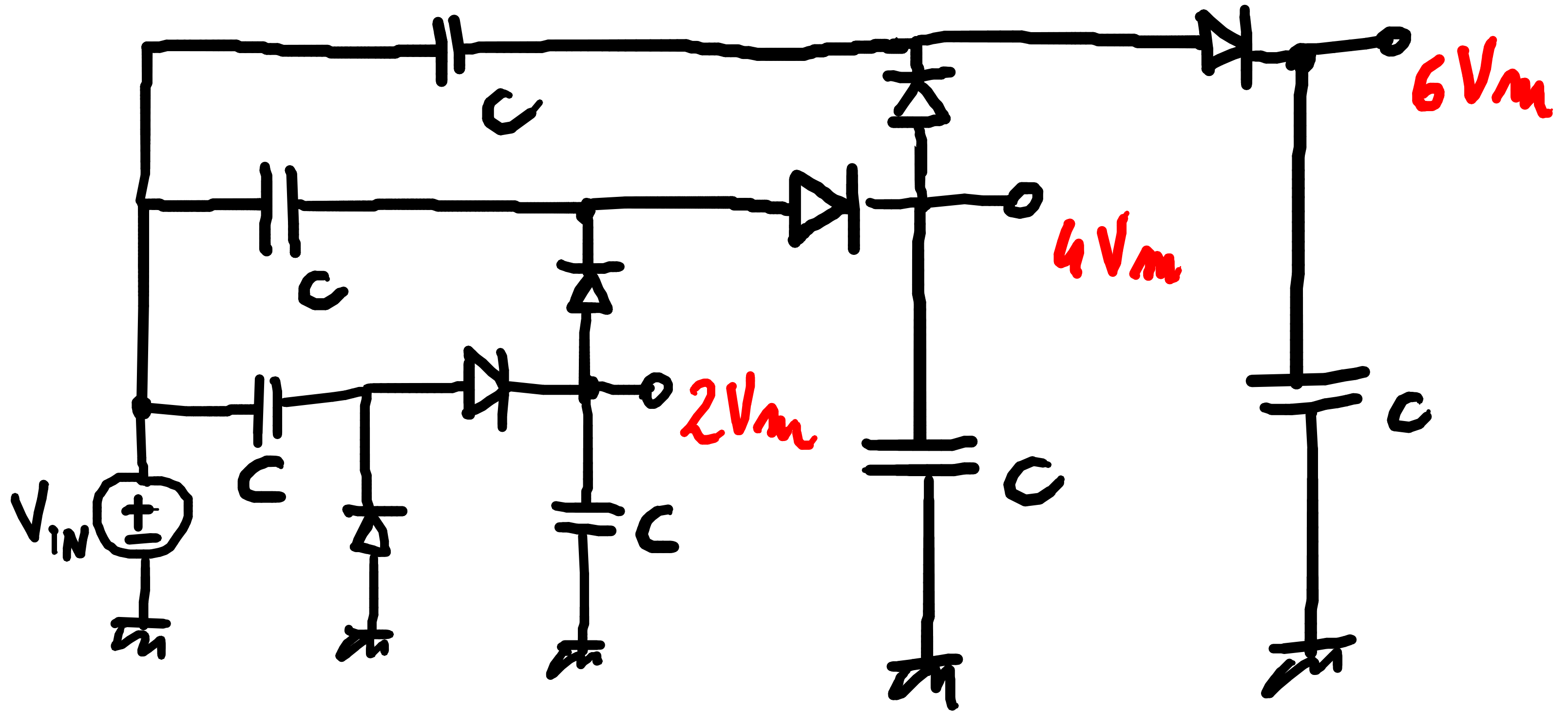


Da lunedì in A.2.6

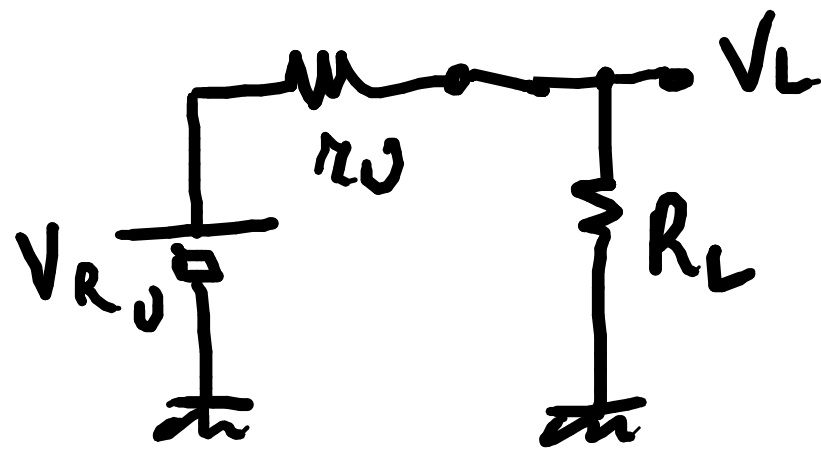


$$V_{IN} = V_m \sin(\omega t)$$

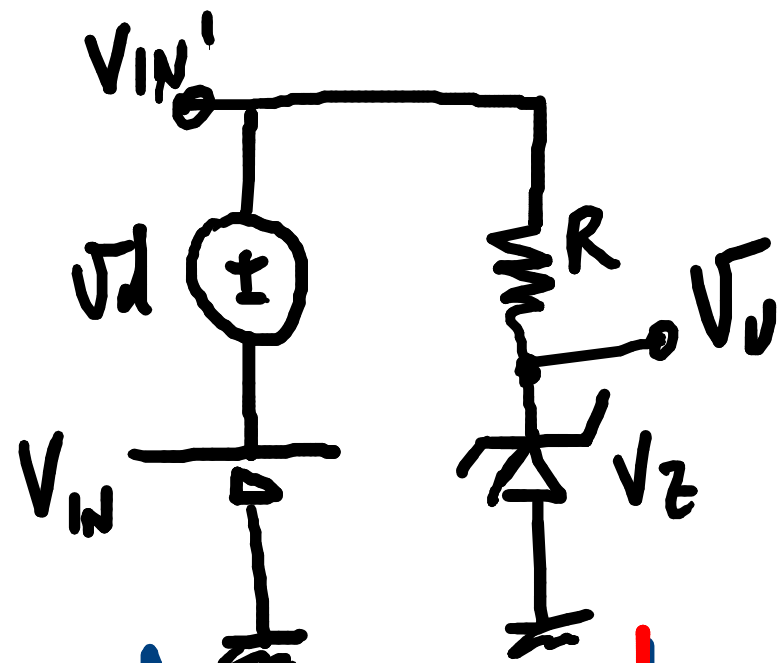
$$S_V = \left| \frac{dV_O}{dV_{IN}} \right| =$$

$$S_T = \left| \frac{dV_O}{dT} \right|$$

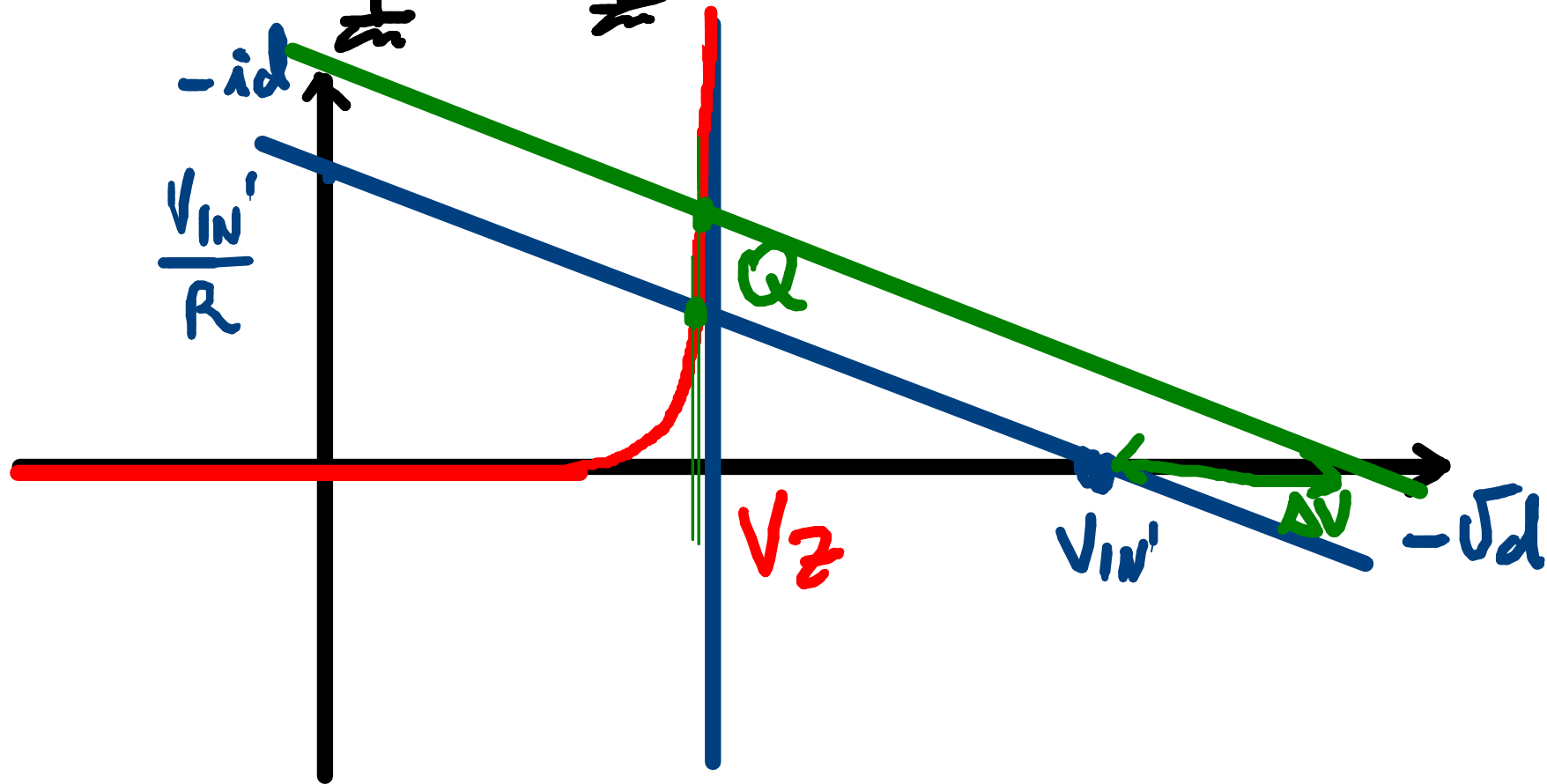
$$r_{ov} = \left| \frac{dV_O}{dI_O} \right|$$

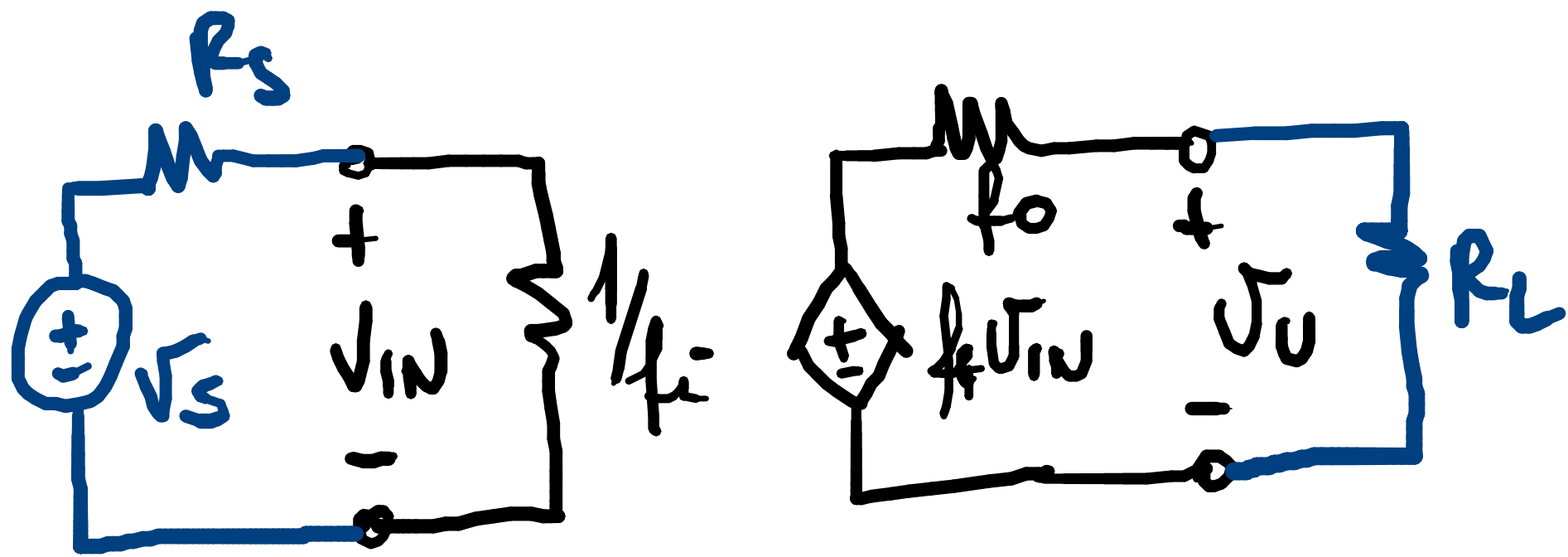
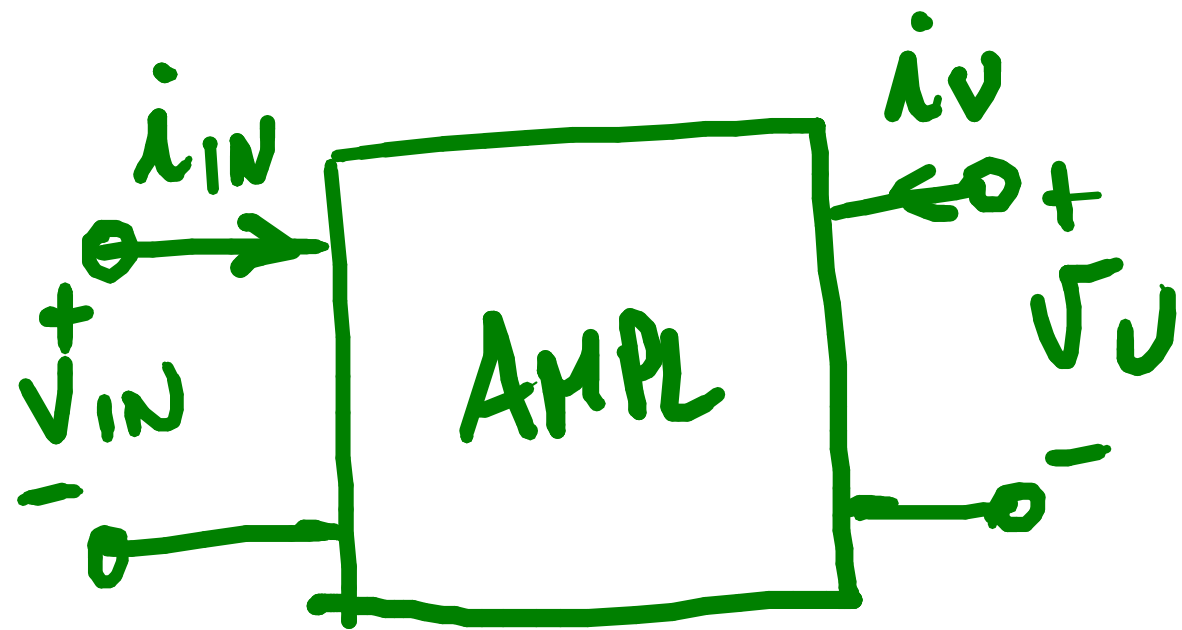


$$V_L = \frac{R_L}{R_L + r_U} V_{R_U}$$



$$V_{IN}' = V_{IN} + V_d$$





$$A_v = \frac{v_{OUT}}{v_S} = \frac{R_L}{R_L + r_o} \frac{\beta v_{IN}}{v_S}$$

$$v_{IN} = \frac{\frac{1}{\beta i}}{\frac{1}{\beta i} + R_S} v_S =$$

$$= \frac{1}{1 + \beta i R_S} v_S$$

$$A_v = \frac{R_L}{R_L + r_o} \frac{\beta}{1 + \beta i R_S}$$