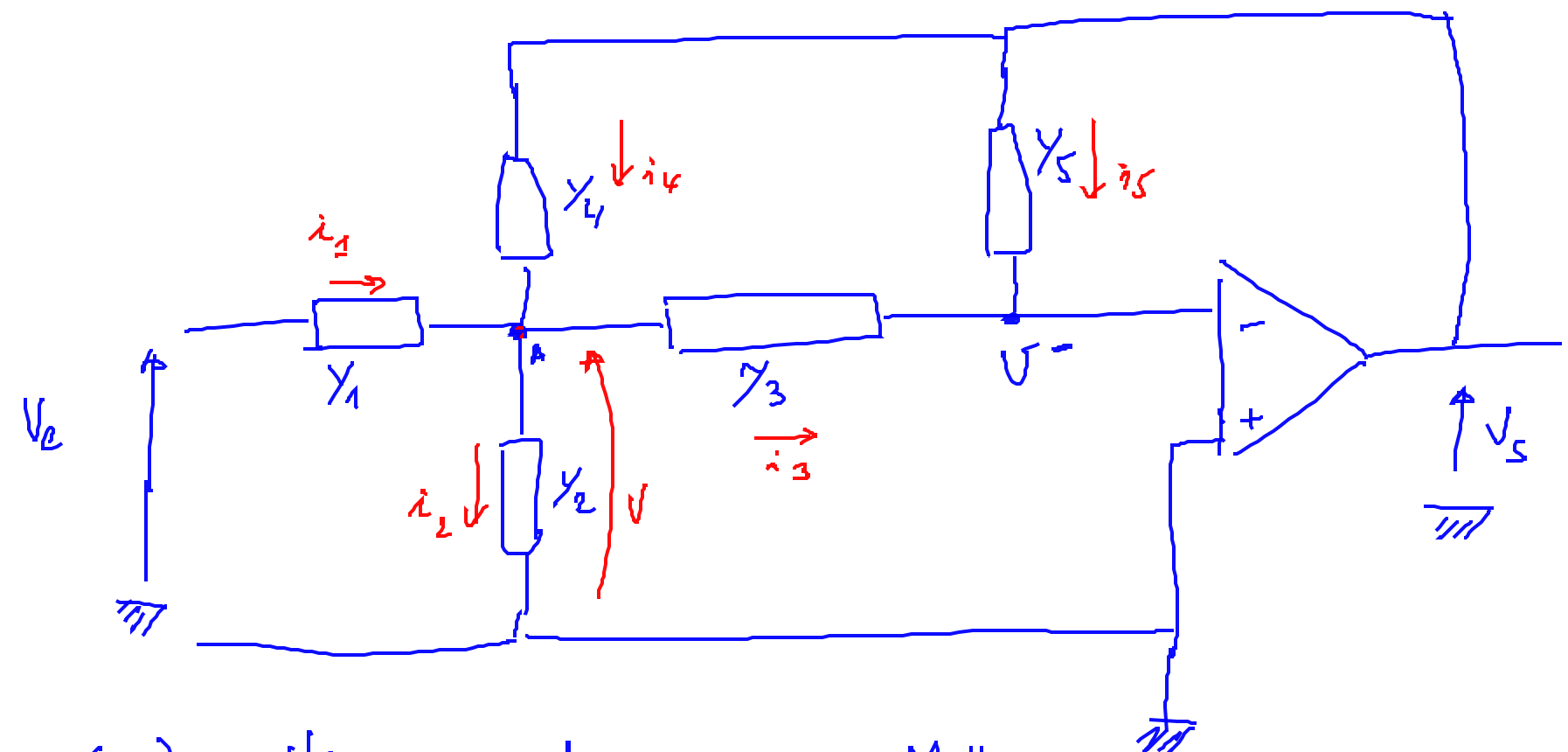


Filtre de Rauch



1°) $T(j\omega) = \frac{V_s}{V_a}$ Théorème de Millman.

eq1

$$V_A = \frac{V_a Y_1 + V_s Y_4 + \dots}{Y_1 + Y_2 + Y_3 + Y_4}$$

$$V^- = \frac{V Y_3 + V_s Y_5}{Y_3 + Y_5} = 0$$

$$V Y_3 + V_s Y_5 = 0 \Rightarrow V = -\frac{V_s Y_5}{Y_3}$$

$$V = -\frac{V_s Y_5}{Y_3}$$