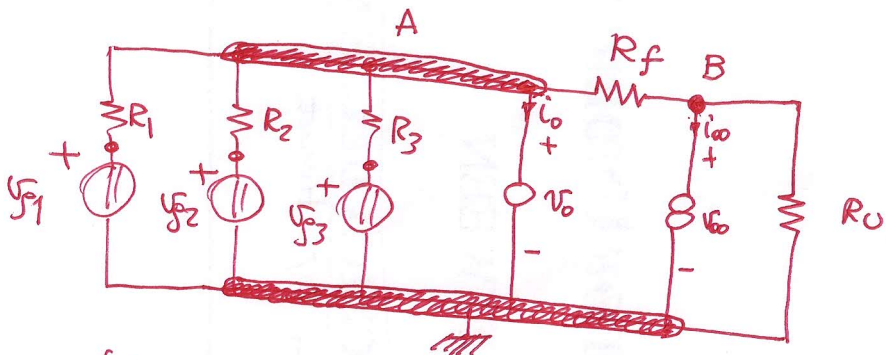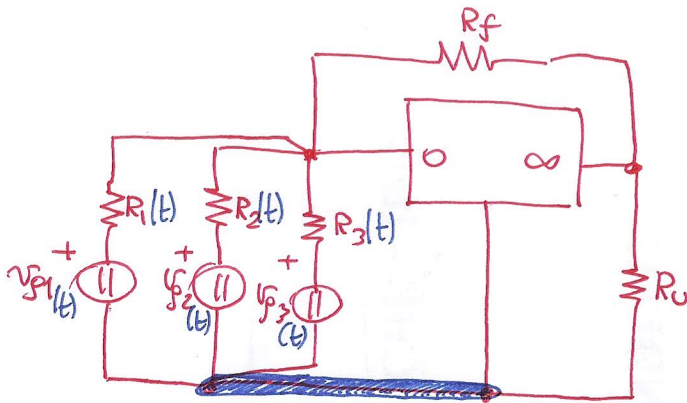# ~ MODELLO DI NEURONE BIOLOGICO ~

$$\begin{cases} N=6 \\ R=10 \end{cases} \qquad \begin{cases} a=5 \\ c=5 \end{cases} \qquad \boxed{e_B = ?}$$

$$\begin{cases} \text{(A)} \quad G_1(e_A - v_{g1}) + G_2(e_A - v_{g2}) + G_3(e_A - v_{g3}) + \not{i_0} \\ \qquad + G_f(e_A - e_B) = 0 \end{cases}$$

$$\boxed{\text{NULL}} \begin{cases} e_A = v_0 = 0 \\ i_0 = 0 \end{cases}$$

$$\boxed{e_B = -\frac{G_1}{G_f} v_{g1} - \frac{G_2}{G_f} v_{g2} - \frac{G_3}{G_f} v_{p3}}$$

$$= w_1(t) v_{g1}(t) + w_2(t) v_{p2}(t) + w_3(t) v_{p3}(t)$$