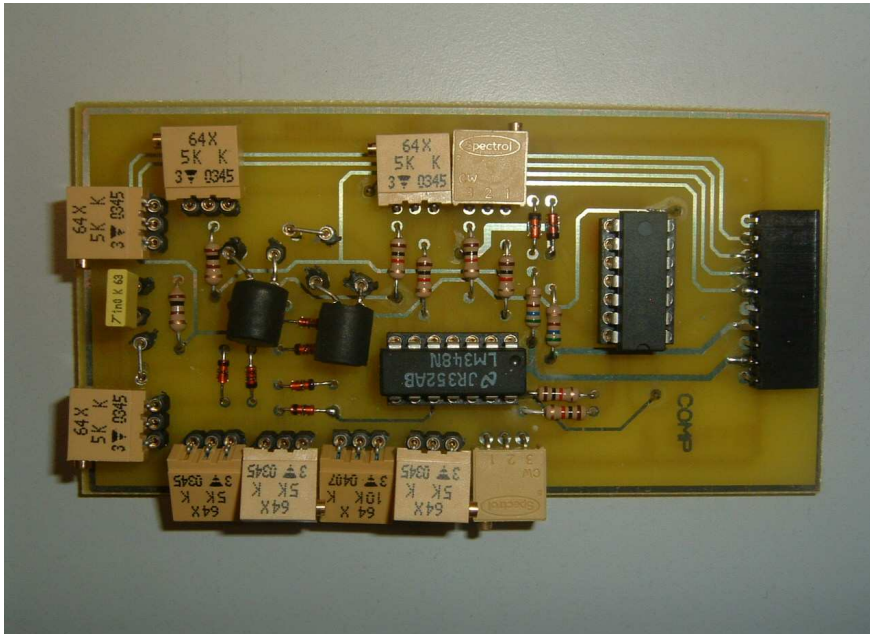


« Artificial neuron »

FitzHugh-Nagumo model



$$\begin{cases} \frac{dV_t}{dt} = V_t - \frac{V_t^3}{3} - W_t \\ \frac{dW_t}{dt} = \varepsilon (g(V_t) - W_t - \eta) \end{cases}$$

$$g(V) = \begin{cases} 0,50 V & \text{si } V < 0 \\ 1,96 V & \text{si } V \geq 0 \end{cases}$$

