Modelo com Histerese Estática

$$z_{k+1} = z_k - \left(\frac{\eta_i \cdot \Delta t}{C_n}\right) \cdot i_k$$

$$y_k = OCV(z_k) - s_k \cdot M(z_k) - R \cdot i_k$$

$$s_k = \begin{cases} 1, i_k > \varepsilon \\ -1, i_k < -\varepsilon \\ s_{k-1}, |i_k| \leq \varepsilon \end{cases}$$