

$$V_{\text{OCV} + \text{Diff}} = \frac{-\sum_{k=1}^N I(k) \cdot \sum_{k=1}^N [I(k) \cdot \Delta V(k)] + \sum_{k=1}^N I(k)^2 \cdot \sum_{k=1}^N \Delta V(k)}{(\sum_{k=1}^N I(k))^2 - N \cdot \sum_{k=1}^N I(k)^2},$$

$$R_0 = \frac{N \cdot \sum_{k=1}^N [I(k) \cdot \Delta V(k)] - \sum_{k=1}^N I(k) \cdot \sum_{k=1}^N \Delta V(k)}{(\sum_{k=1}^N I(k))^2 - N \cdot \sum_{k=1}^N I(k)^2}.$$