

Errata for “*An introduction to beta cell electrophysiology and modeling*, by L. S. Satin, M. Watts, and A. S. Sherman, in "Diabetes Systems Biology", A. Khadra, editor,

p. 2-4: the transmembrane potential should be  $V_i - V_o$

p. 2-19, Eq. 2.29a should be:

$$C \frac{dV}{dt} = -\bar{g}_{Ca} m_{\infty}(V)(V - V_{Ca}) - \bar{g}_K n(V - V_K) - g_L(V - V_L) + I_{applied}$$

p. 2-20, Table 2.1: for Figure 2.8,  $I_{app} = 0$ , not 1000 fA

p. 2-23, Eq. 2.33: the sign in front of  $\bar{g}_{K(Ca)}$  should be  $-$

p. 2-24, Fig. 2.9 legend: in Panel D, the parameter values should be:

0.0332, 0.033, 0.0315, 0.028, 0.027, 0.026.