$$J = \frac{1}{R}$$

$$V_{m} = \frac{1}{C_{m}} = \frac{1}{R}$$

$$V_{m} = \frac{1}{L_{k}} = \frac{1}{R}$$

$$J_{k} = \frac{1}{R}$$

$$J_{k$$

I = current i per unit area of membrane

$$\underline{T} = \underline{T}_{cM} + \underline{I}_{L} + \underline{I}_{K} + \underline{I}_{Na}$$

$$g_{L} = \overline{g_{L}}$$

$$g_{K} = \overline{g_{K}} n^{4}$$

$$g_{Na} = \overline{g_{Na}} m^{3} h$$

$$\frac{dX}{dt} = \frac{X_{\infty}(V) - X}{\tau_{x}(V)}$$

$$\chi_{\infty}(V) = \frac{\chi_{\infty}(V)}{\chi_{\infty}(V) + \beta_{\chi}(V)}$$

$$T_{\infty}(V) = \frac{1}{\alpha_{x}(V) + \beta_{x}(V)}$$

$$\frac{\overline{g_{K}}}{\overline{g_{Na}}} = 36 \text{ m S/cm}^{3}$$