$$\frac{dV}{dt} = \frac{1}{C} \left( -J_{Na} - J_{h} - J_{lcuh} + J_{stom} \right)$$

Realtion 3x & Schner Very wholened

=> Bacelowny in Stromdichter

$$[J] = A \qquad [i] = \frac{uA}{cm^2}$$

$$[C] = F \qquad [c] = \frac{\mu F}{\alpha m^2}$$

$$J_{n} = g_{n} \cdot n(V, t) \left[ V - V_{u} \right]$$

$$h = 3 \cdot \frac{T - 63}{10}$$

 $J_{n} = g_{n} \cdot u(V, t) [V - V_{4}]$ geschwindigerike Falker

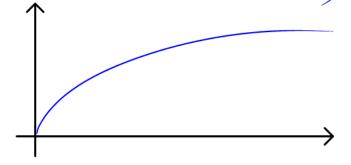
Nemst patential

2. 4

$$\frac{dO}{dt} = \alpha (1-0) - O\beta$$

$$= \alpha - \alpha O - \beta O = \alpha - O(\alpha + \beta)$$

$$= (\alpha + \beta)(\frac{\alpha}{\alpha - \beta} - O) \implies \text{ Zeit houst von } k$$
alshinging



-> stillt Modell will exal lar

$$J_{N} = g_{N} \cdot u(V,t)^{\beta} \left[ V - V_{N} \right]$$

$$P = \frac{1}{3NN} = g_{NN} \cdot u^{3}(V,t) \cdot h(V,t) \left[ V - V_{NN} \right]$$

$$Mux \quad liffiliaghit$$

$$J_{lash} = g_{lash} \left( V - V_{lash} \right)$$

$$I_{-} \quad iou \quad (V, mold, Mold, hold mos(V), mos(V), hos(V)$$

$$\Sigma_{n} \left( V \right), \Sigma_{n} \left( V \right), \Sigma_{h} \left( V \right)$$

$$M = \exp_{-} \text{ evel} \left( M_{old}, A_{j}B_{j} \right) dt$$

$$M = \dots$$

$$M_{n} = g_{NN} \cdot u^{3} \cdot h \cdot \left( V - V_{NN} \right)$$

$$M_{n} = \dots$$

$$M_{n} = g_{NN} \cdot u^{3} \cdot h \cdot \left( V - V_{NN} \right)$$

$$M_{n} = \dots$$

$$M_{n} = \dots$$

$$M_{n} = \dots$$

$$M_{n} = \dots$$

Retern (ina, ia, il, m, u, h)