

nulclines (See Dayan & Abbott, 1991: 172-3)

$$r \frac{dv}{dt} = -(v - \xi_i) - \bar{f}_{w_a} m_\infty^3(v) h(v - \xi_{w_a}) + V_0$$

$$r_h \frac{dh}{dt} = h_\infty(v) - h$$

$$h_\infty(v) = \frac{.07 e^{-.05(v+65)}}{.07 e^{-.05(v+65)} + [1 + e^{-.1(v+35)}]^{-1}}$$

$$m_\infty(v) = \frac{.1(v+40) [1 - e^{-.1(v+40)}]^{-1}}{.1(v+40) [1 - e^{-.1(v+40)}]^{-1} + 4 e^{-.0556(v+65)}}$$

$$\xi_i = -70$$

$$\xi_{w_a} = 50$$

$$\bar{f}_{w_a} = 400$$

