

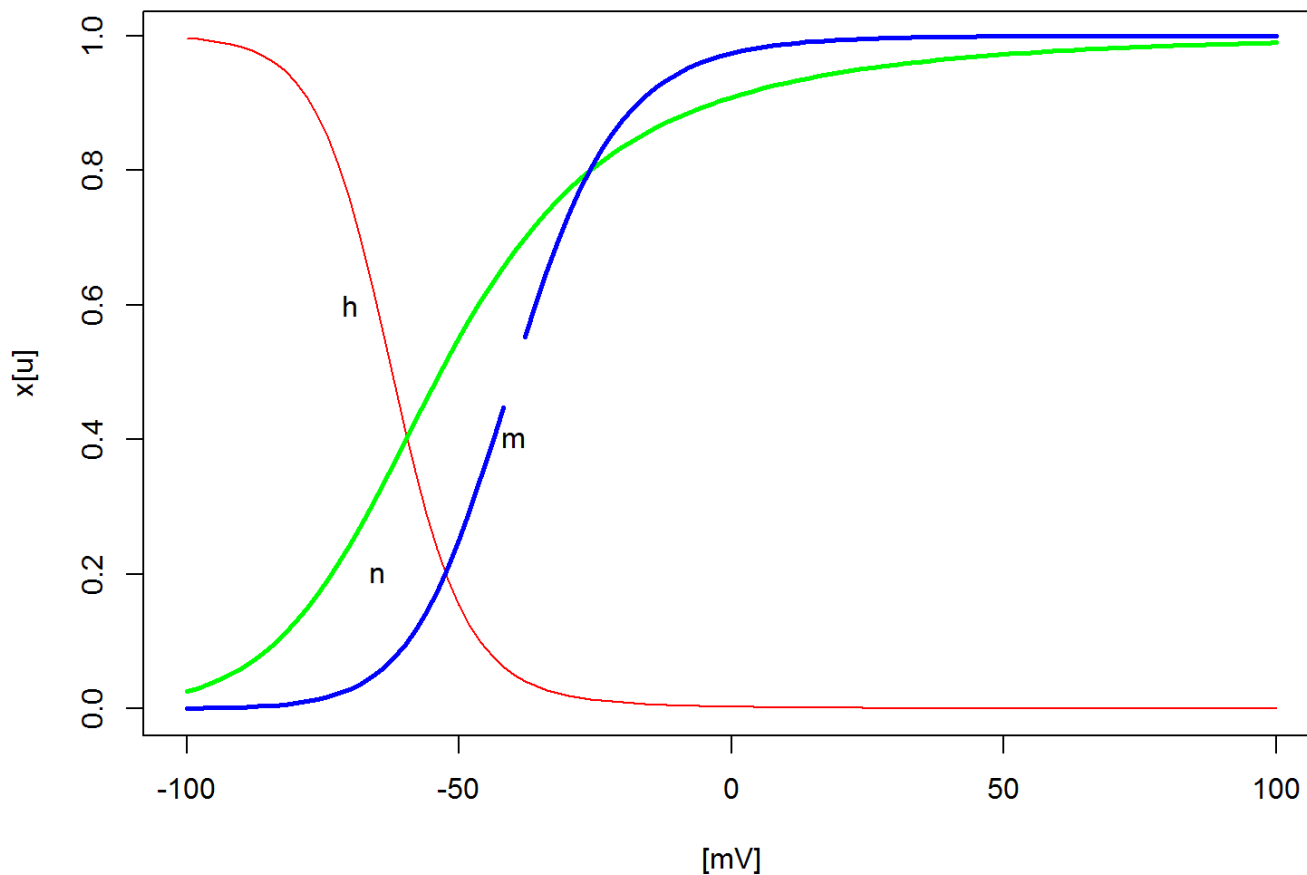
# Hodgkin-Huxley Model Output

John Hamre III

August 22, 2017

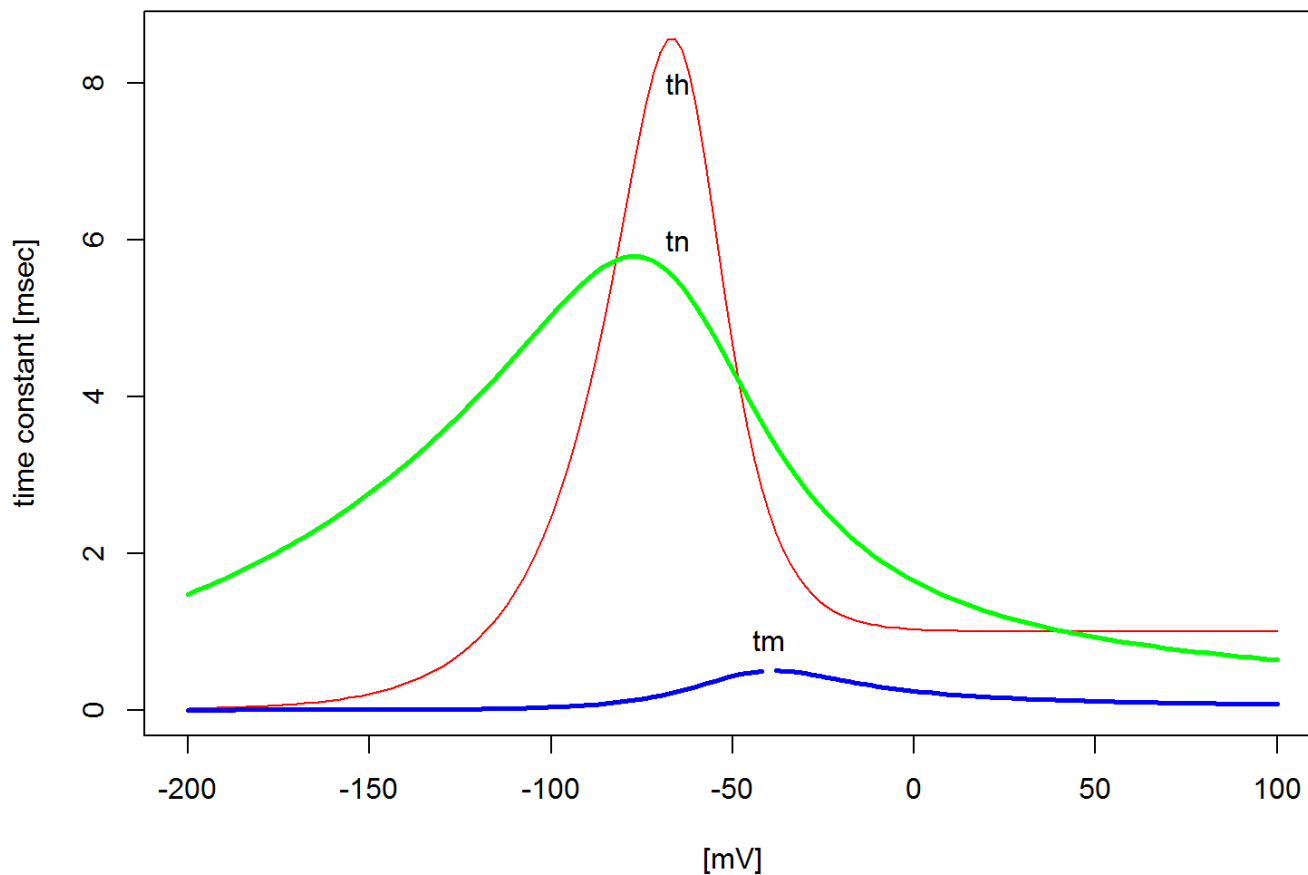
# HH steady state functions

Steady state function for the three variables  $m$ ,  $n$ ,  $h$  of the Hodgkin-Huxley model

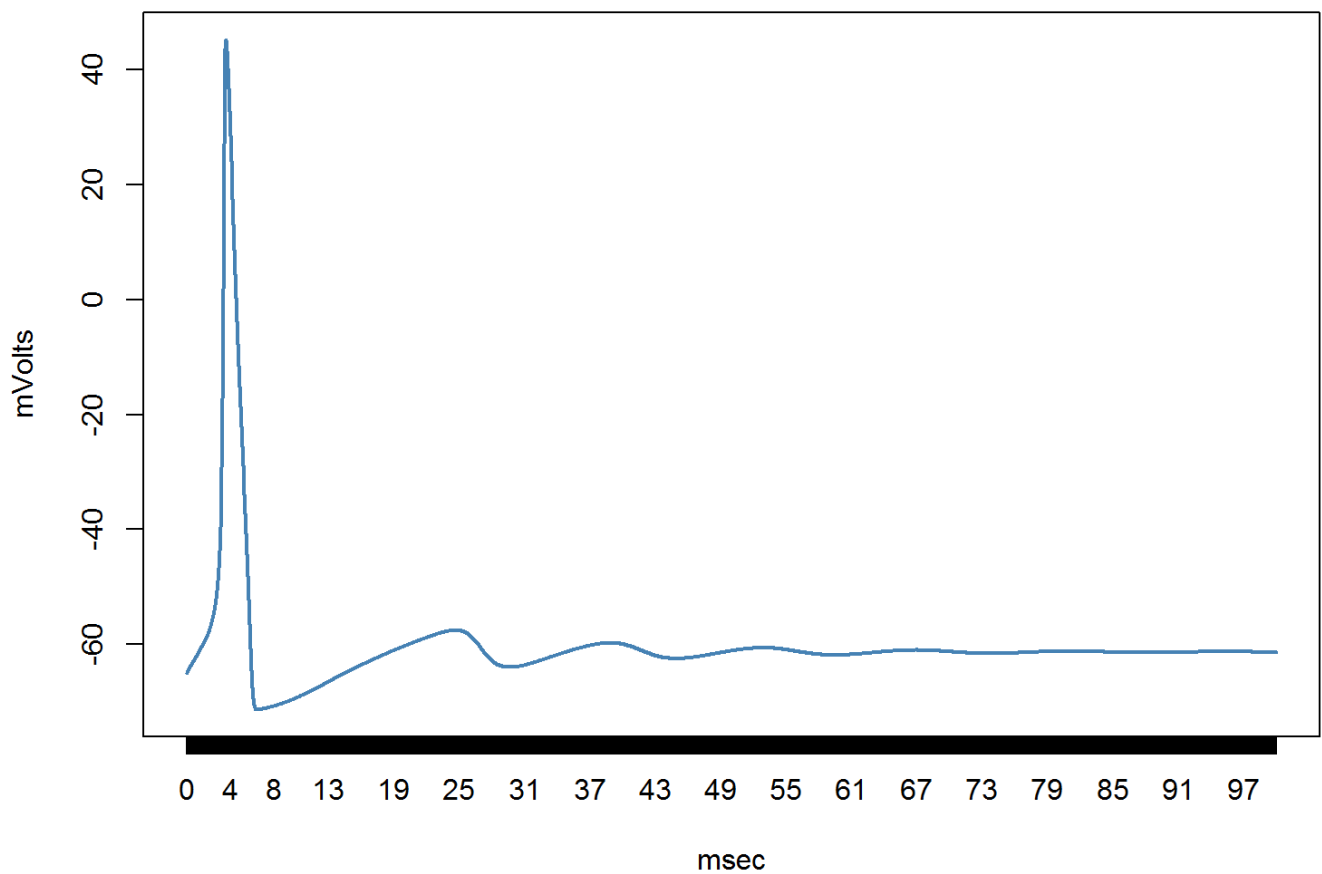


# HH time constants

Time constants for the three variables  $m$ ,  $n$ ,  $h$  of the Hodgkin-Huxley model



# HH function with constant external current causing action potential



# HH function with higher external current causing bifurcation oscillations

