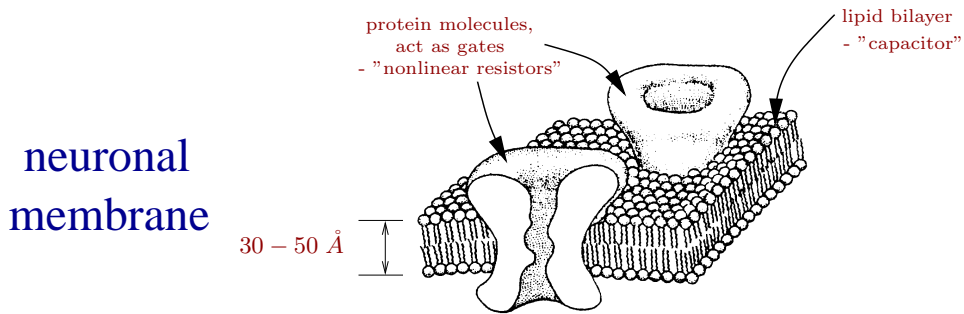


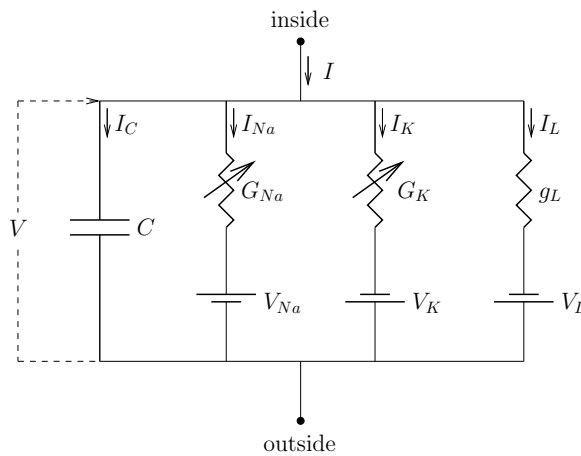
# ME225BC: Introduction to Low Dimensional Modeling

with Applications to Neuroscience, Fluid Dynamics

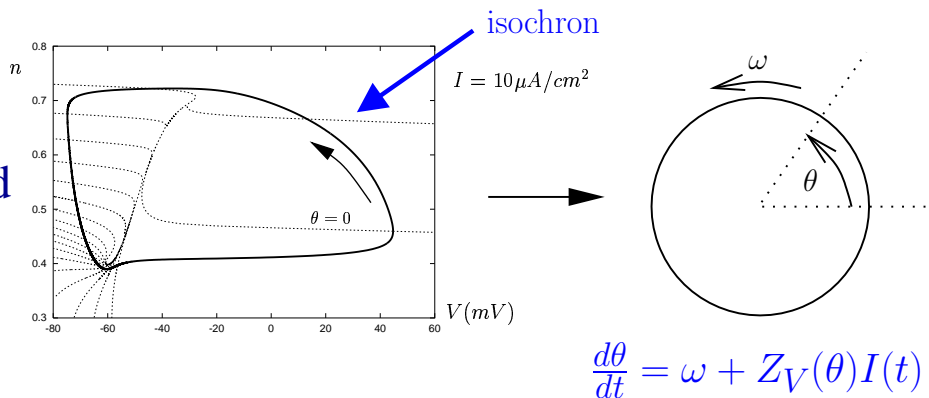
Instructor: Jeff Moehlis      Winter Quarter 2004  
 Meets: MWF 1:00-1:50, Bldg 387, Room 101  
 more info: <http://www.me.ucsb.edu/~moehlis/ME225>



Hodgkin-Huxley model



model behavior and reduction



$$\frac{d\theta}{dt} = \omega + Z_V(\theta)I(t)$$