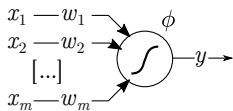


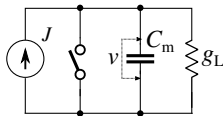
## Artificial Neurons

(McCulloch & Pitts – 1943)



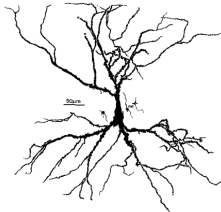
## Leaky Integrate-and-Fire

(Lapicque – 1907)



## Biologically Detailed

(Hodgkin & Huxley – 1953)



— Heaviside — Logistic - - - ReLU

— No noise - - - Noisy

