







What kind of system?

**So this means it probably:**

learns, adapts, develops, is future oriented, coordinates its behaviour based on previously  
experienced events, uses tools, cooperates, synchronises  
**should not be studied as an ergodic system**



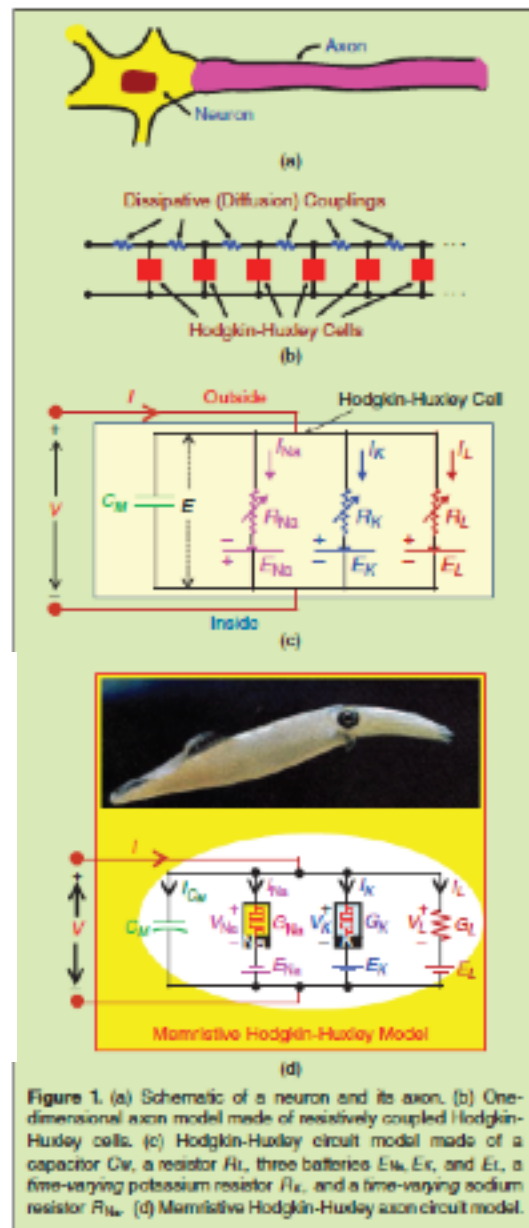
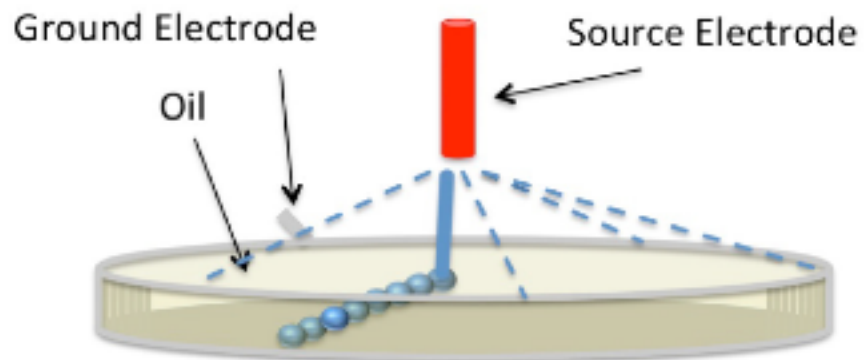


Figure 1. (a) Schematic of a neuron and its axon. (b) One-dimensional axon model made of resistively coupled Hodgkin-Huxley cells. (c) Hodgkin-Huxley circuit model made of a capacitor  $C_M$ , a resistor  $R_L$ , three batteries  $E_{Na}$ ,  $E_K$ , and  $E_L$ , a time-varying potassium resistor  $R_K$ , and a time-varying sodium resistor  $R_{Na}$ . (d) Memristive Hodgkin-Huxley axon circuit model.

Sah, M. P., Kim, H., & Chua, L. O. (2014). Brains are made of memristors. *IEEE circuits and systems magazine*, 14(1), 12-36.

















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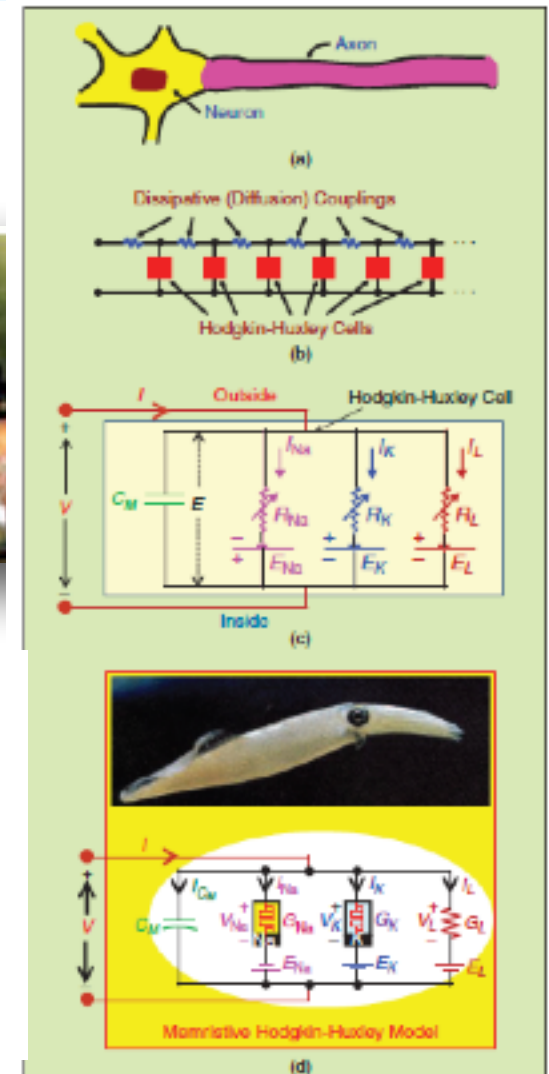
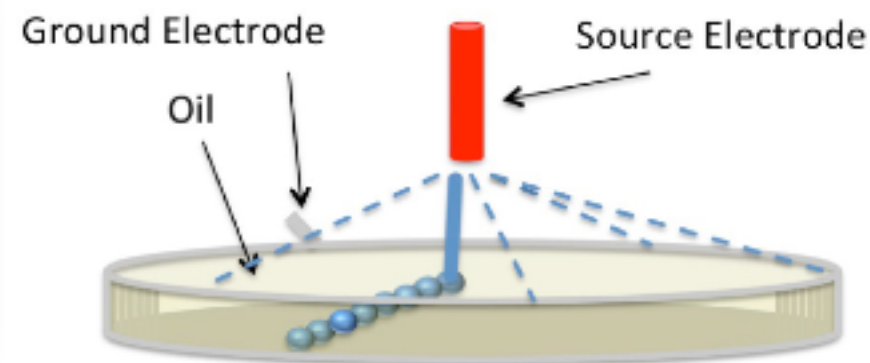
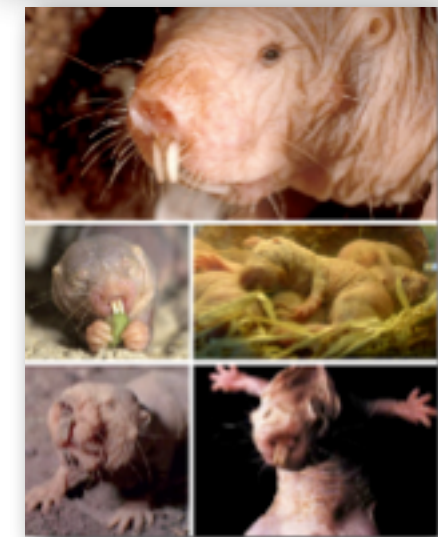


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# Ecological Momentary Assessment