

PRACTICAL CAPACITORS

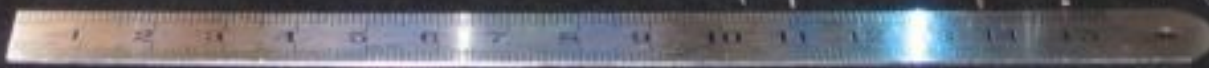
Prof. Stephen Sekula

2/10/2010

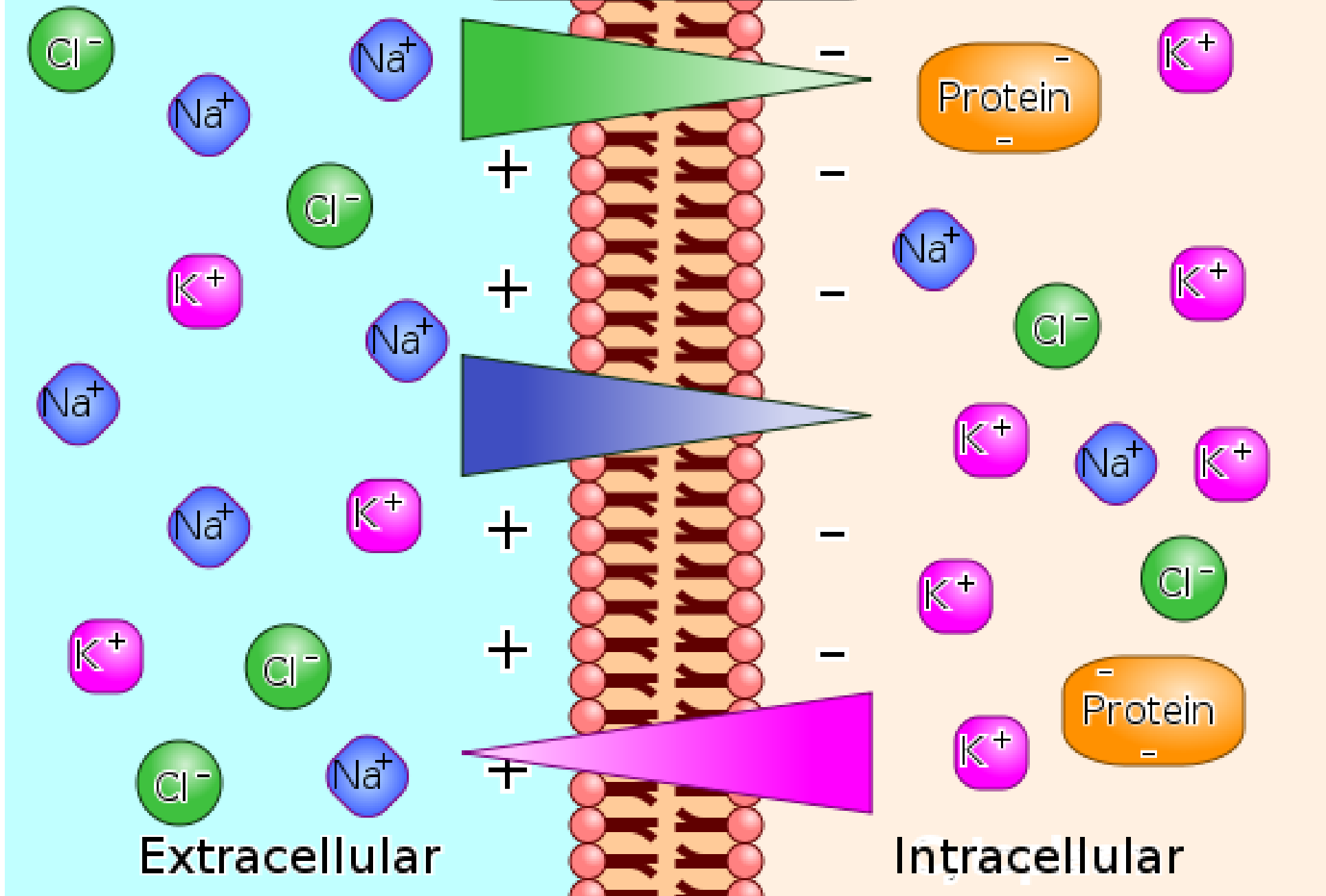
Supplementary Material for
PHY1308 (General Physics -
Electricity and Magnetism)

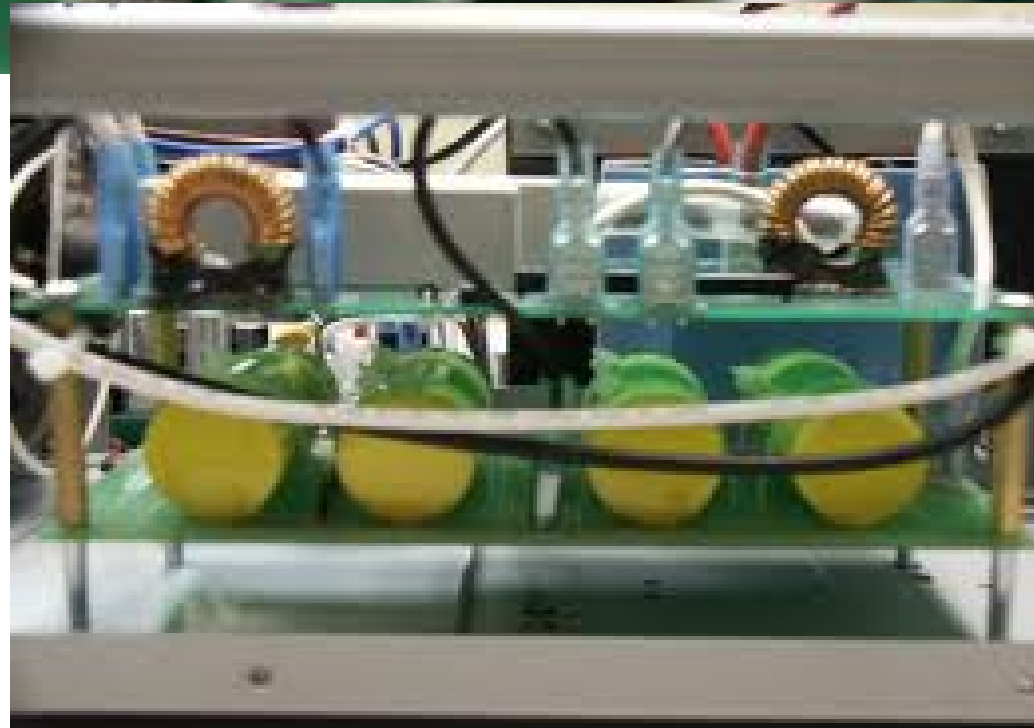
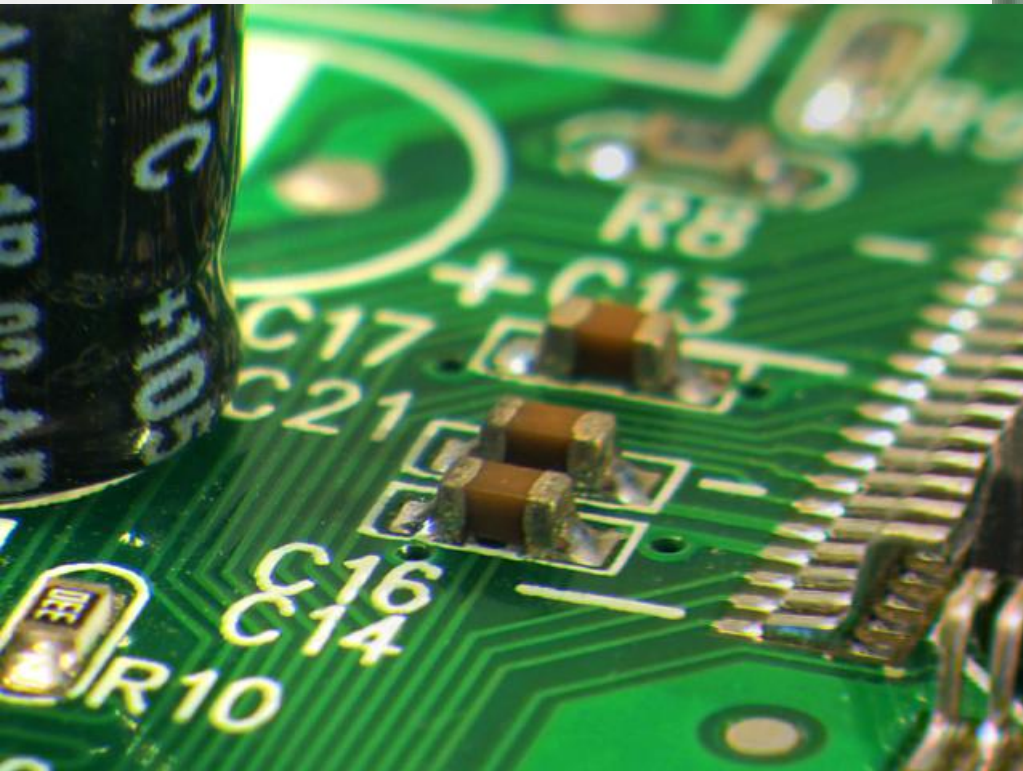
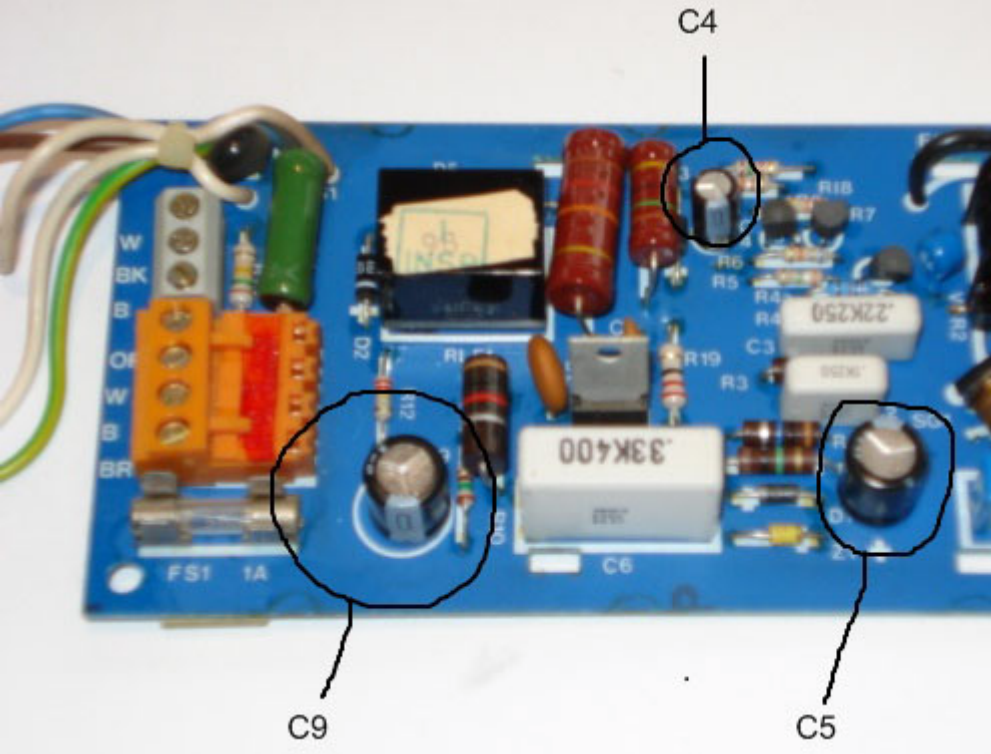
ANNOUNCEMENTS

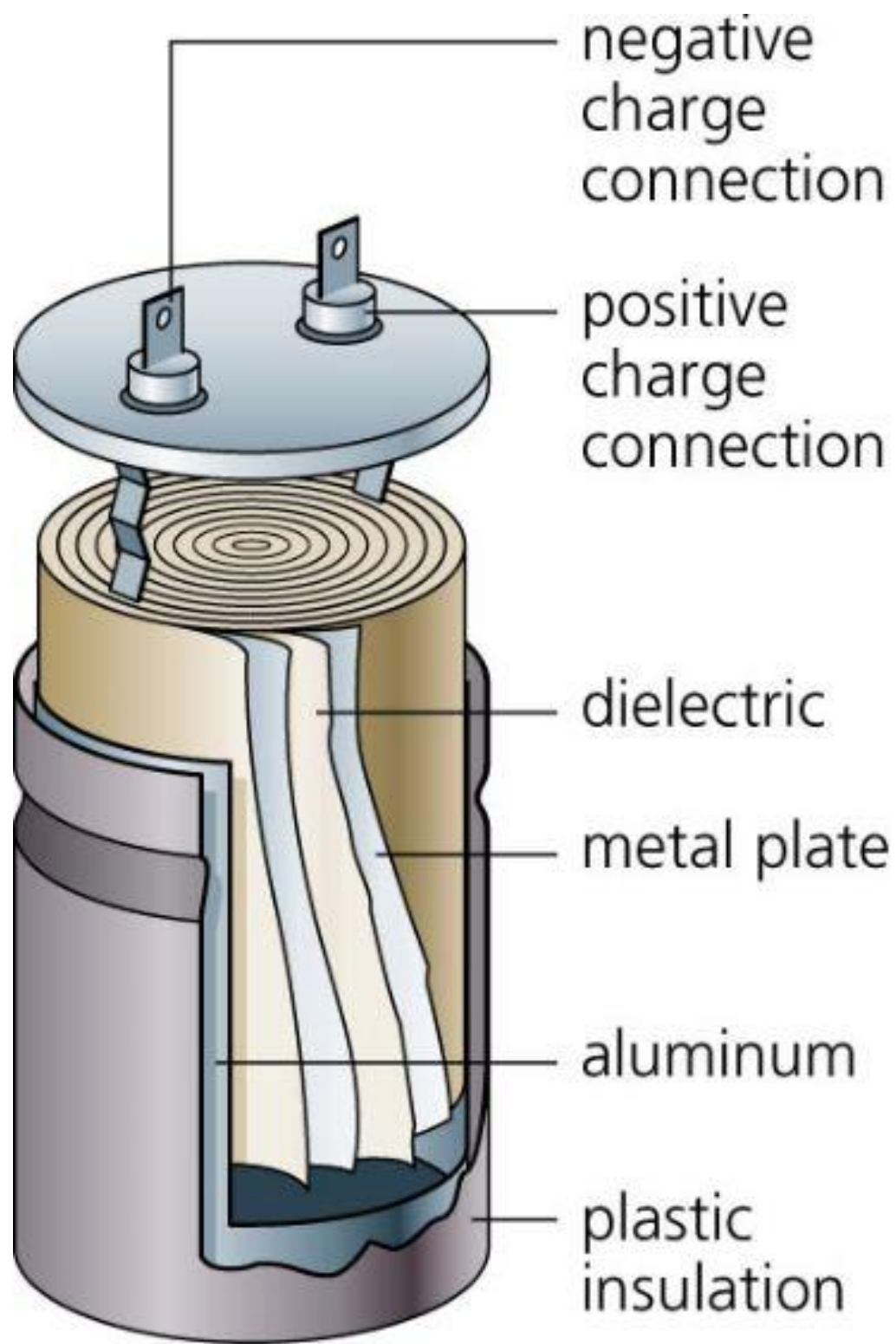
- Homework 4:
 - Available later today
- Exam 1
 - Thursday - Covers Homework 0-2
 - Bring pen/pencil, calculator, 8.5x11-inch formula sheet (no mobile phones!)



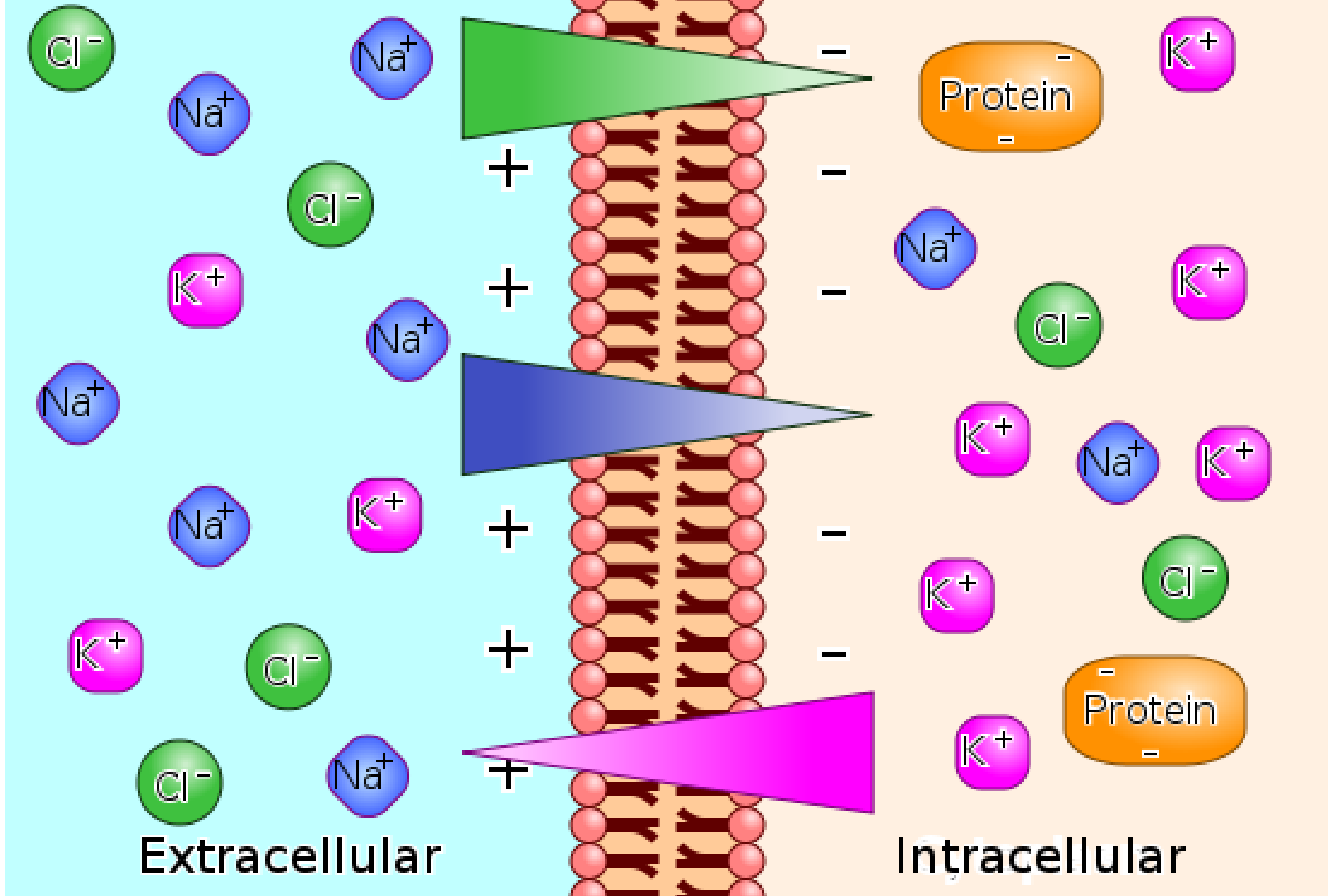
Cell membrane

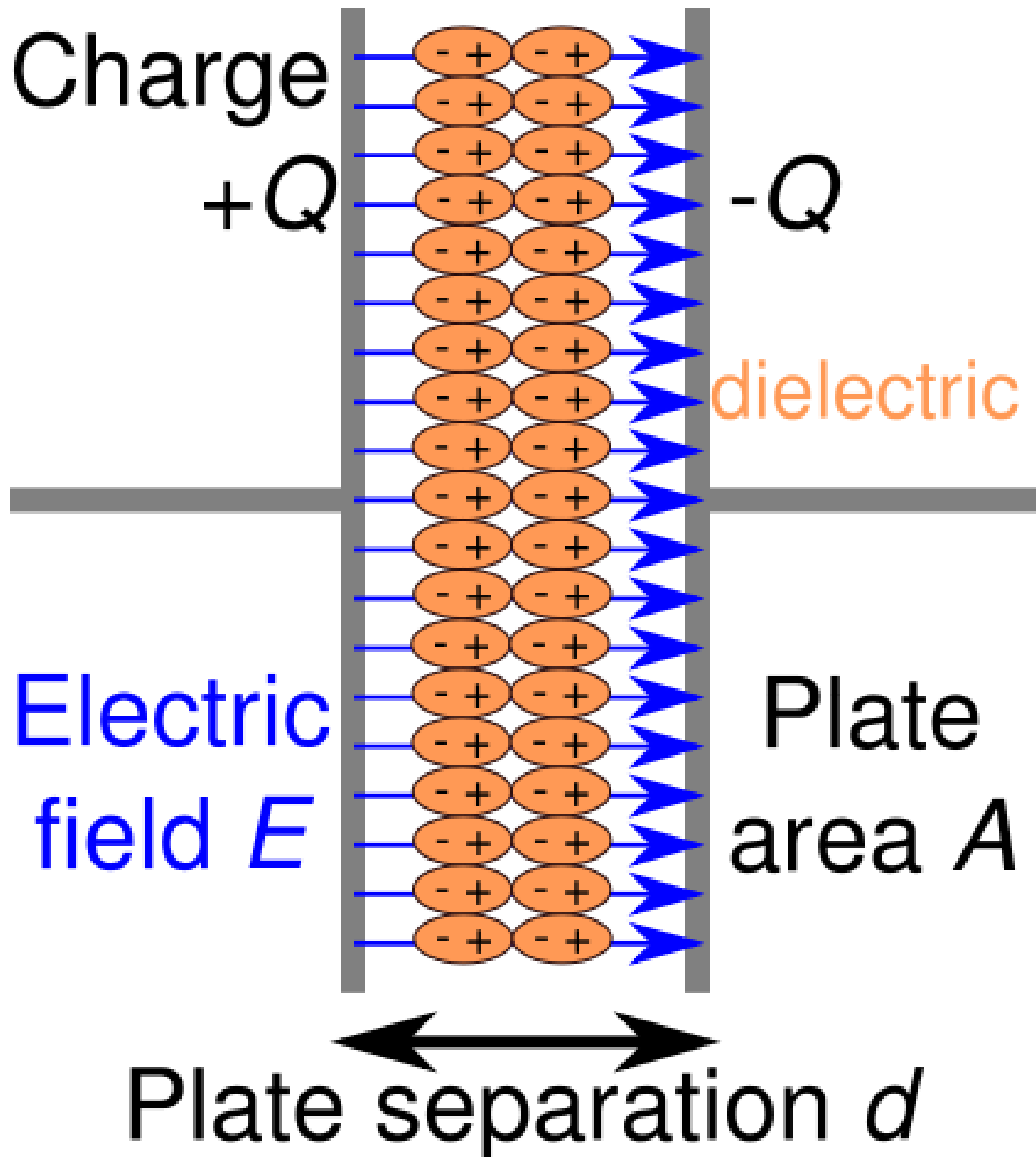






Cell membrane





RULES OF THUMB

- When a capacitor is uncharged or fully charged
 - no charge is moving from plate to plate
 - this is "electrostatic equilibrium"
- We'll discuss later what happens between being uncharged and fully charged
 - non-equilibrium situation

Cell membrane

