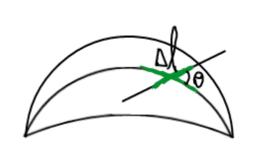
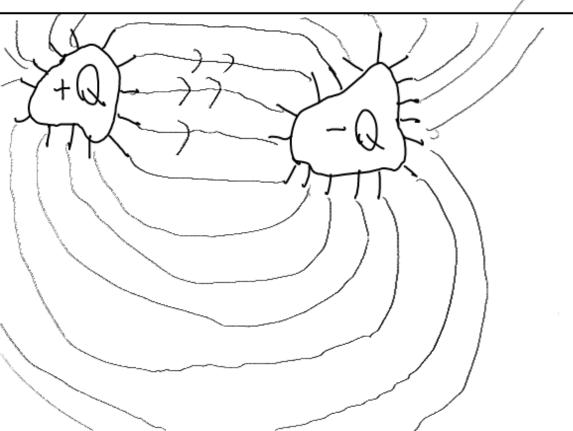
Electrostatic Potential Trelationship Vip = JE.dJ Electrick Field Res.

Concept of Capacitans

Arrangements Covies





$$C = \frac{Q}{\Delta V}$$

$$\Delta V = pot. \quad \Delta \quad \text{between} \quad \text{the 2 candusths}$$

$$= -\int_{\Xi} E \cdot dL$$

$$V(p) = -\int_{E} E \cdot dL$$

$$= \int_{Coo} \frac{Q}{4\pi 6 \circ r} dr$$

$$= \frac{Q}{4\pi 6 \circ r}$$

$$= \frac{Q}$$