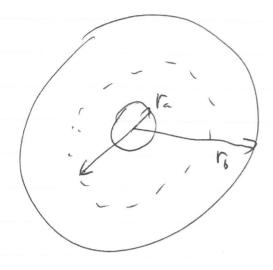
$$V = -\int_{0}^{\epsilon_{a}} \frac{\mathcal{E} \cdot dr}{2\pi \epsilon_{b}} = -\frac{7}{2\pi \epsilon_{b}} \int_{0}^{\epsilon_{a}} \frac{1}{\epsilon_{b}} \frac{$$

$$V = \frac{7}{278} \ln \left(\frac{r_b}{r_a} \right)$$

$$en\left(\frac{r_b}{r_a}\right)$$

Ex 9-2

Spherical capator.



$$V = -Q$$

$$\frac{dv}{4\pi \xi_0} = \frac{Q}{4\pi \xi_0} \left(\frac{1}{\Gamma_a} - \frac{1}{\Gamma_b} \right)$$