(4) 鉄き

111 051 = a

(ii) as r sza

(ili) 2011 1 4 4 a

$$F : \frac{(\xi_1 + \xi_2) Q}{2\pi (\xi_1 + 2\xi_2) \xi_2 I^2}$$

(V) 4a = 1

$$E = \frac{(\xi_1 + \xi_2) Q}{2\pi (\xi_1 + 2\xi_2) \xi_2 l^2}$$

(5)



A とCを接続しているので

$$\frac{1}{C} = \frac{1}{C_1 + C_2} + \frac{1}{C_3}$$

$$= \frac{\frac{1}{4\pi \xi_{1}}}{\frac{1}{a} - \frac{1}{2a}} + \frac{4\pi \xi_{2}}{\frac{1}{2a} - \frac{1}{4a}} + \frac{1}{4\alpha \xi_{0}}$$

$$= \frac{1}{16\pi\alpha} \left(\frac{2}{\xi_1 + 2\xi_2} + \frac{1}{\xi_0} \right)$$