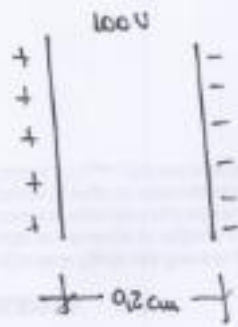


problema 11.6



$$\|\vec{E}_0\| = \frac{|\Delta V|}{\Delta x} = \frac{100 \text{ V}}{0,2 \times 10^{-2} \text{ m}} = 50.000 \frac{\text{N}}{\text{C}}$$

Se pone un Dieléctrico de $K_e = 3$

$$\|\vec{E}_R\| = \frac{\|\vec{E}_0\|}{K_e} = \frac{50000}{3} \frac{\text{V}}{\text{C}} = \boxed{16.666 \frac{\text{N}}{\text{C}}}$$