

P #5

Ch 16 - pg 524

$$V = 25 \text{ kV} = 25,000 \text{ V}$$

$$d = 1.5 \text{ cm} = .015 \text{ m}$$

$$E = \frac{-V}{d} = \frac{-25,000 \text{ V}}{.015 \text{ m}}$$

$$E = -1.67 \times 10^6 \text{ N/C}$$