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$$V = k_0 \frac{Q}{r} \text{ より、}$$

$$\begin{aligned} V_{50} &= 9.0 \times 10^9 \cdot \frac{3.0 \times 10^{-6}}{0.50} \\ &= 7.2 \times 10^4 \text{ V} \end{aligned}$$

$$\begin{aligned} V_{60} &= 9.0 \times 10^9 \cdot \frac{3.0 \times 10^{-6}}{0.60} \\ &= 6.0 \times 10^4 \text{ V} \end{aligned}$$

$$E = \frac{V}{d} \text{ より、}$$

$$\begin{aligned} E &= \frac{7.2 \times 10^4 - 6.0 \times 10^4}{0.60 - 0.50} \\ &= 1.2 \times 10^5 \text{ V / m} \end{aligned}$$