

例題 1 解答例

$$\begin{aligned} F &= k_m \frac{m_1 m_2}{r^2} \\ &= 6.3 \times 10^4 \cdot \frac{(+4.0 \times 10^{-3}) \cdot (+5.0 \times 10^{-3})}{(2.0 \times 10^{-1})^2} \\ &= \frac{6.3 \cdot 4 \cdot 5}{2^2} \times 10^{4-6+2} = 3.2 \times 10 \quad [\text{N}] \end{aligned}$$

斥力