

task_f64r8g2jf4pdomfi_with_calculation

Student Group

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Table of Contents

Exercise E1 Electron Charge	2
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charges, electron, chapter1 2

Exercise E1 Electron Charge

How many electrons make up the charge of one Coulomb ?

Result

$$\begin{aligned} n_{\text{e}} &= \frac{1 \text{ C}}{1.6022 \cdot 10^{-19} \text{ C / electron}} \\ &= 6.2 \cdot 10^{18} \text{ electrons} \end{aligned}$$

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