

Modern physics lab

9) Millikan oil drop experiment

Student's Name:

Student's Number:



Objective :

Determine the charge of the electron .

Equations:

$$Q = 2.10^{-10} \frac{v_1^{3/2}}{U}$$

$$s = \frac{x}{1.875} \cdot 10^{-4} m$$

Table:

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