

Intro to Quantum Physics F3241

Part 2: The Electron

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04 - 08 Oct 2021 (Week 2)

I2Q Part 2: The Electron

The Electron

This week's topics:

2.1 The Electrical Force and Faraday's Electrolysis

2.2 Thomson's Experiment: Bendy Rays

2.3 Millikan's Experiment: Balancing forces

Your homework questions for this week are on canvas - please complete these by the end of the week.

Topic 1.1 : The Electrical Force and Faraday's Electrolysis

Aim:

Method:

Results:

End of part 2.1

End of part 2.1 : The Electrical Force and Faraday's Electrolysis

Topic 2.2 : Thomson's Experiment: Bendy Rays

Aim:

Method:

Results:

End of part 2.2

End of part 2.2 : Thomson's Experiment: Bendy Rays

Topic 2.3 : Millikan's Experiment: Balancing forces

Aim:

Method:

Results:

End of part 2.3

End of part 2.3 : Millikan's Experiment: Balancing forces