

General Science / Second stage

Electricity and magnetism Lab

First Semester (2023-2024)

- 1- Color code resistance**
- 2- A simple graphical method for determining both emf and internal resistance of a cell**
- 3- A simple graphical method for determining bainternal resistance of voltmeter and determine emf**
- 4- Transformation of Galvanometr to Voltmeter**
- 5- Measurement capacitance of capacitor**
- 6- Investigate how the reactance of capacitor varies with frequency and determine the capacitance of capacitor**
- 7- Investigate how the reactance of an inductor varies with frequency and determine inductance of inductor**
- 8- Series resonance frequency**
- 9- Transformation of Galvanometer to Ammeter**

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