

Hall Effect Experiment

The aims of this experiment are:

- Study Hall Effect and determine Hall's constant.
- Calculate the concentration of carriers in a Ge Crystal.
- Calculate the Hall mobility of the carriers in the crystal.

To achieve these aims:

- Measuring of the Hall voltage as function of the magnetic field at a constant current.
- Measuring of the Hall voltage and the sample voltage as function of the current at a constant magnetic field.

In your REPORT write down everything you used or found for this experiment.

About your device and experimental process please enjoy the Lab File!

Finally:

Discus your results!

*Answer your question: **What IF...?***