

I recently performed this experiment in the Solid States Lab during the II semester for M.Sc Physics course at University of Delhi.

We were supposed to observe the dependence of resistivity of a semiconductor on the external applied magnetic field.



Here is the lab manual for the experiment:
You can download the PDF file here:

[Magnetoresistance Experiment Lab Manual](#)

[Magnetoresistance Experiment Lab Manual](#)



Manas Sharma

I'm a physicist specializing in computational material science with a PhD in Physics from Friedrich-Schiller University Jena, Germany. I write efficient codes for simulating light-matter interactions at atomic scales. I like to develop Physics, DFT, and Machine Learning related apps and software from time to time. Can code in most of the popular languages. I like to share my knowledge in Physics and applications using this Blog and a YouTube channel.

manas.bragitoff.com/



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