

Logbook

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1 Problem

Research method #1

Optical detector...

Planning

Beamsize: We used a slit of variable width. 1, 2, 3, 4, 5

Experimental Equipment Available

- Ruler
- Red diode Laser 650nm
- Collimating slits with 5 slits
- Polarizer with rotational mount
- Polarizer
- Collimating lens
- Rotational mount
- High sensitivity light sensor
- PicoScope

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Critical issues

Intensity of light is half s- and p-polarized. Alignment of detector and laser-beam.

Strategy**Setup****Laboratory setyp**

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Figure 1: setup

Raw data**Fast analysis****Conclusion**