

Waveoptics

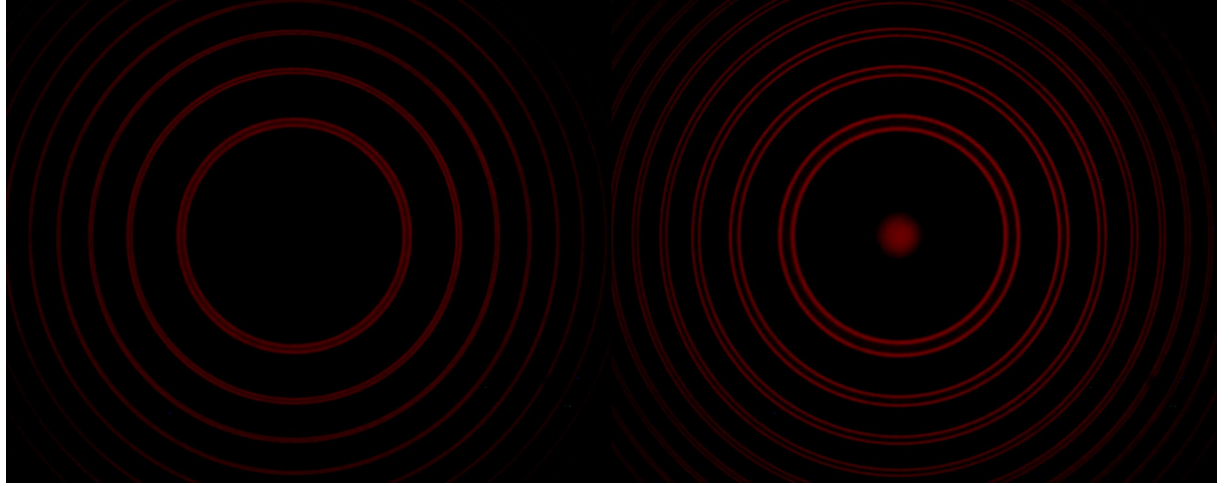
FYS2150 Lab Report

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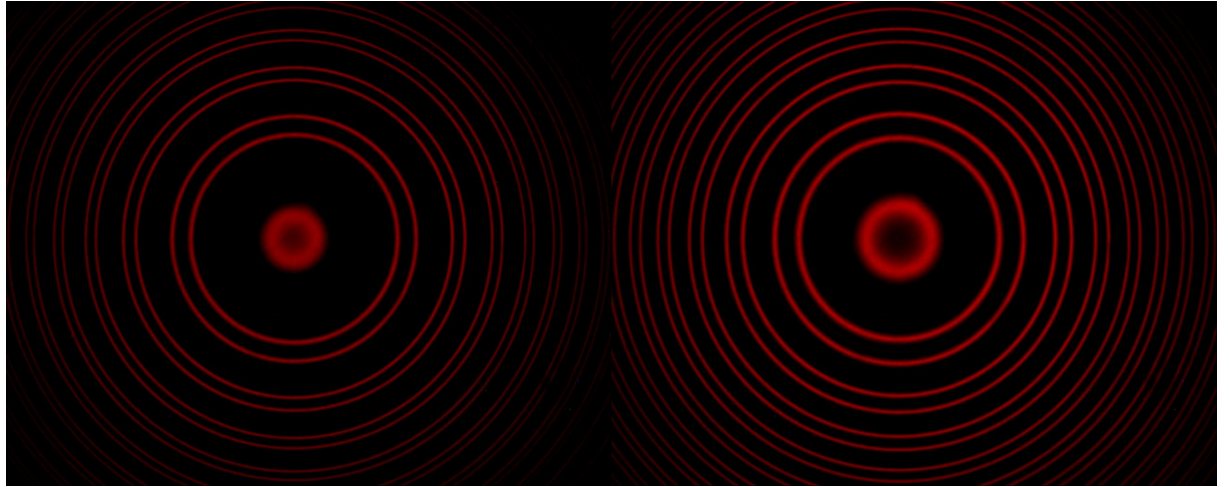
Abstract

- 1 Introduction
- 2 Theory
- 3 Experimental Procedure
 - 3.1 Zeeman effect
- 4 Results
 - 4.1
- 5 Discussion
- 6 Conclusion



(a) $I = 1 \text{ A}$

(b) $I = 2 \text{ A}$



(c) $I = 3 \text{ A}$

(d) $I = 4 \text{ A}$

Figure 1: Split diffraction lines due to σ -transitions for different magnitudes of magnetic field