

V61

He-Ne Laser

Fritz Ali Agildere
fritz.agildere@udo.edu

Jan Lucca Viola
janlucca.viola@udo.edu

Experiment: November 25, 2024

Submission: November ??, 2024

TU Dortmund – Department of Physics

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1 Objective

To understand the characteristics of a He-Ne laser, several different configurations are adjusted and their radiation properties measures. This includes the wavelength, intensity distribution, polarization, mode spectrum, as well as the influence of mirror type and resonator length.

2 Background [1]

3 Procedure

4 Results

5 Discussion

References

- [1] Hans Joachim Eichler, Jürgen Eichler, and Oliver Lux. *Lasers. Basics, Advances and Applications*. Springer Cham, 2018. ISBN: 978-3-319-99895-4. DOI: <https://doi.org/10.1007/978-3-319-99895-4>.

Appendix