

Lab 1 Report

Robotics Integration Group Project I

Yuwei ZHAO (23020036096)

Group #31 2025-11-05

Abstract

This report presents the experimental setup and results of Lab 1. The focus of the experiment is on understanding the dynamics of ...

1 Introduction

The aim of this laboratory session is to investigate fundamental control concepts ... [1]

2 Procedure

2.1 Part I

- **Objective:** ...
- **Methodology:** ...
- **Observations:** ...
- **Discussion:** ...

2.2 Part II

- **Objective:** ...
- **Methodology:** ...
- **Observations:** ...
- **Discussion:** ...

2.3 Part III

- **Objective:** ...
- **Methodology:** ...
- **Observations:** ...
- **Discussion:** ...

2.4 Part IV

- **Objective:** ...
- **Methodology:** ...
- **Observations:** ...
- **Discussion:** ...

3 Reflection and Analysis

Discuss experimental errors, limitations, and possible improvements.

4 Conclusion

Summarize key findings, learning outcomes, and recommendations for future work.

References

- [1] Firstname Lastname and Firstname Author2. Title. *IEEE Transactions on Robotics*, 12(3): 123–130, 2025.