Management Center Innsbruck

Department of Technology & Life Sciences

Master's program Mechatronics & Smart Technologies

Software report

composed as part of the course
Mobile Robotics (MECH-M-2-ROB)

about

TurtlesimAutomata - dipping the toe into ROS

from

Jakob Spindler

Study program	Master's program Mechatronics & Smart Technologies
Year	MA-MECH-23-VZ
Course	Mobile Robotics (MECH-M-2-ROB)
Name of lecturer	Daniel McGuiness
Submission deadline	May 24, 2024

May 31, 2024

Contents

Chapter 1

Purpose and scope

Chapter 2

Sensored BLDC 120 Block Commutation

Chapter 3

Sensorless BLDC 120° Block Commutation

List of Figures

List of Tables

Appendix A

MATLAB script

```
clear all
```