

Warsaw University of Technology

FACULTY OF  
POWER AND AERONAUTICAL ENGINEERING



{name of the unit}

# Master's diploma thesis

in the field of study {name of the field of study}  
and specialisation {name of the specialisation}

{title of the thesis}

{Name and surname}  
student record book number {number}

thesis supervisor  
{academic title/degree, name and surname}

Warsaw, 2024

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*To my favorite robot.*



## Abstract

Robots are awesome.



## Abstract

Roboty są niesamowite.





## Acknowledgments

These people are awesome.



## Funding

This work was supported by robot fans.



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# Chapter 1

## Introduction

Introduction.

### 1.1 Installation instructions

This template was tested with TeX Live 2017, which includes all required packages [1]. Mac users: this is included as part of OSX and TeXShop. After successfully installing TeX Live, compile the PDF file using your favorite build tool (we tested with `make` on OSX).

### 1.2 How to use this template

Write each chapter as a separate  $\LaTeX$  file and include them in `thesis-main.tex`. Edit the abstract, acknowledgments, background, title, dedication, and funding files as necessary. Include additional packages in `thesis-packages.tex` and define helpful macros in `thesis-macros.tex`.

#### 1.2.1 Algorithms

Define each algorithm as a separate  $\LaTeX$  file in the algorithms folder using either the `algorithmicx` or `algpseudocode` packages. For example, see Algorithm 1.

## 1. Introduction

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**Algorithm 1** Longer caption

---

```
1: procedure DO IT( $N$ )  
2:   Initialize all the things!  
3:   for  $t = 1$  to  $N$  do  
4:     Do it!  
5:   end for  
6:   return  $N$   
7: end procedure
```

---



# Chapter 2

## Background

In the begining, there were no robots.

## *2. Background*

# Chapter 3

## Conclusions

In conclusions, robots are the best.

### *3. Conclusions*

# Appendix A

## Stuff I forgot

Robots are really, really great.

*A. Stuff I forgot*

# Bibliography

- [1] TUG. TeX Live, 2017. URL <https://www.tug.org/texlive/>. 1.1

## *Bibliography*



# List of Symbols

The next list describes several symbols that will be later used within the body of the document

## Physics Constants

$G$	Gravitational constant	$6.67430 \times 10^{-11} \text{ m}^3 \text{ kg}^{-1} \text{ s}^{-2}$
$c$	Speed of light in a vacuum	$299\,792\,458 \text{ m s}^{-1}$
$h$	Planck constant	$6.62607015 \times 10^{-34} \text{ J Hz}^{-1}$

## Number Sets

$\mathbb{H}$	Quaternions
$\mathbb{C}$	Complex numbers
$\mathbb{R}$	Real numbers

## Other Symbols

$\rho$	Friction index
$V$	Constant volume

*LIST OF SYMBOLS*

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