



Silesian  
University  
of Technology

## **MASTER THESIS**

Thesis title in English

**First Names SURNAME**

Student identification number: **<your student id>**

**Programme:** Control, Electronic, and Information Engineering

**Specialisation:** Informatics

**SUPERVISOR**

**<title first name surname>**

**DEPARTMENT <departament name>**

**Faculty of Automatic Control, Electronics and Computer Science**

**CONSULTANT**

**<title first name surname>**

**Gliwice 2023**



**Thesis title**

Thesis title in English

**Abstract**

(Thesis abstract – to be copied into an appropriate field during an electronic submission – in English.)

**Key words**

(2-5 keywords, separated by commas)

**Tytuł pracy**

Thesis title in Polish

**Streszczenie**

(Streszczenie pracy – odpowiednie pole w systemie APD powinno zawierać kopię tego streszczenia.)

**Słowa kluczowe**

(2-5 słów (fraz) kluczowych, oddzielonych przecinkami)



# Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
<b>2</b>	<b>[Chapter title]</b>	<b>3</b>
<b>3</b>	<b>[Chapter title]</b>	<b>5</b>
3.1	[Section title] . . . . .	5
3.2	[Subsection title] . . . . .	5
<b>4</b>	<b>Experiments</b>	<b>7</b>
<b>5</b>	<b>Summary</b>	<b>9</b>
	<b>References</b>	<b>11</b>
	<b>Technical documentation</b>	<b>15</b>
	<b>List of abbreviations and symbols</b>	<b>17</b>
	<b>List of additional files in electronic submission (if applicable)</b>	<b>19</b>
	<b>List of figures</b>	<b>21</b>
	<b>List of tables</b>	<b>23</b>



# Chapter 1

## Introduction





# Chapter 2

## [Chapter title]

References to book [1], scientific papers in journals [2], conference papers [3], and web pages [4].

Equations should be numbered:

$$y = \frac{\partial x}{\partial t} \tag{2.1}$$



# Chapter 3

## [Chapter title]

tekst

### 3.1 [Section title]

### 3.2 [Subsection title]

Each figure in the document should be referred to at least once (fig. 3.1).

Each table in the document should be referred to at least once (Tab. 3.1).

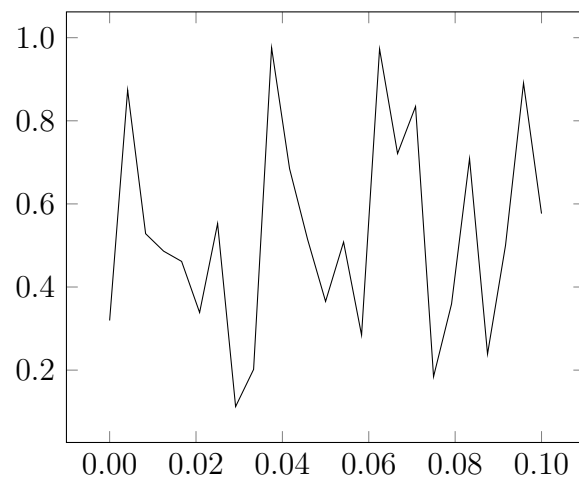


Figure 3.1: Figure caption.

Table 3.1: A caption of a table is ABOVE it.

$\zeta$	method						
	alg. 1	alg. 2	alg. 3			alg. 4, $\gamma = 2$	
			$\alpha = 1.5$	$\alpha = 2$	$\alpha = 3$	$\beta = 0.1$	$\beta = -0.1$
0	8.3250	1.45305	7.5791	14.8517	20.0028	1.16396	1.1365
5	0.6111	2.27126	6.9952	13.8560	18.6064	1.18659	1.1630
10	11.6126	2.69218	6.2520	12.5202	16.8278	1.23180	1.2045
15	0.5665	2.95046	5.7753	11.4588	15.4837	1.25131	1.2614
20	15.8728	3.07225	5.3071	10.3935	13.8738	1.25307	1.2217
25	0.9791	3.19034	5.4575	9.9533	13.0721	1.27104	1.2640
30	2.0228	3.27474	5.7461	9.7164	12.2637	1.33404	1.3209
35	13.4210	3.36086	6.6735	10.0442	12.0270	1.35385	1.3059
40	13.2226	3.36420	7.7248	10.4495	12.0379	1.34919	1.2768
45	12.8445	3.47436	8.5539	10.8552	12.2773	1.42303	1.4362
50	12.9245	3.58228	9.2702	11.2183	12.3990	1.40922	1.3724

# Chapter 4

## Experiments



# Chapter 5

## Summary

- synthetic description of performed work
- conclusions
- future development, potential future research
- Has the objective been reached?





# Bibliography

- [1] Name Surname and Name Surname. *Title of a book*. Hong Kong: Publisher, 2017. ISBN: 83-204-3229-9-434.
- [2] Name Surname and Name Surname. ‘Title of an article in a journal’. In: *Journal Title* 157.8 (2016), pp. 1092–1113.
- [3] Name Surname, Name Surname and N. Surname. ‘Title of a conference article’. In: *Conference title*. 2006, pp. 5346–5349.
- [4] Name Surname, Name Surname and N. Surname. *Title of a web page*. 2021. URL: <http://somewhere/on/the/internet.html> (visited on 30/09/2021).



# Appendices



# Technical documentation



# List of abbreviations and symbols

DNA deoxyribonucleic acid

MVC model–view–controller

$N$  cardinality of data set

$\mu$  membership function of a fuzzy set

$\mathbb{E}$  set of edges of a graph

$\mathcal{L}$  Laplace transformation





# List of additional files in electronic submission (if applicable)

Additional files uploaded to the system include:

- source code of the application,
- test data,
- a video file showing how software or hardware developed for thesis is used,
- etc.



# List of Figures

3.1	Figure caption. . . . .	5
-----	-------------------------	---



# List of Tables

3.1	A caption of a table is ABOVE it. . . . .	6
-----	---	---