SHOULD BE REPLACED ON REQUIRED TITLE PAGE

Instruction

1. Open needed docx template (folder "title"/<your department or bach if bachelor student>.docx).

2. Put Thesis topic, supervisor's and your name in appropriate places on both English and Russian languages.

3. Put current year (last row).

4. Convert it to "title.pdf," replace the existing one in the root folder.

Contents

List of Tables

List of Figures

Abstract

abstract ...

Chapter 1

Introduction

I Spacing & Type

This is a section. This is a citation without brackets. and this is one with brackets [1]. Multiple [1]–[3] Here's a reference to a subsection: 1.1.1. Citation of an online article [4]. Citation of an online proceeding [5]. The body of the text and abstract must be double-spaced except for footnotes or long quotations. Fonts such as Times Roman, Bookman, New Century Schoolbook, Garamond, Palatine, and Courier are acceptable and commonly found on most computers. The same type must be used throughout the body of the text. The font size must be 10 point or larger and footnotes[1] must be two sizes smaller than the text[2] but no smaller than eight points. Chapter, section, or other headings should be of a consistent font and size throughout the ETD, as should labels for illustrations, charts, and figures.

[1] This is a footnote.

[2] This is another footnote.

A. Creating a Subsection

1) Creating a Subsubsection:

2) Creating a Subsubsection:

3) Creating a Subsubsection:

a) This is a heading level below subsubsection: And this is a quote:

> Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Fig. 1. One kernel at x_s (dotted kernel) or two kernels at x_i and x_j (left and right) lead to the same summed estimate at x_s. This shows a figure consisting of different types of lines. Elements of the figure described in the caption should be set in italics, in parentheses, as shown in this sample caption.

This is a table:

TABLE I
This Is a Table Example

A	B	C
a1	b1	c1
a2	b2	c2
a3	b3	c3
a4	b4	c4

The package "upgreek" allows us to use non-italicized lower-case greek letters. See for yourself: $\mathbf{\upbeta}$, $\boldsymbol{\upbeta}$, $\upbeta$, $\boldsymbol{\upbeta}$. Next is a numbered equation:

$$\|\mathbf{X}\|_{2,1} = \underbrace{\sum_{j=1}^{n} f_j(\mathbf{X})}_{\text{convex}} = \sum_{j=1}^{n} \|\mathbf{X}_{\cdot,j}\|_2 \tag{1.1}$$

The reference to equation (1.1) is clickable.

II Theorems, Corollaries, Lemmas, Proofs, Remarks, Definitions,and Examples

Theorem 1. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language.

There is no need for special content, but the length of words should match the language.

Proof. I'm a (very short) proof. □

Lemma 1. I'm a lemma.

Corollary 1. I include a reference to Thm. 1.

Proposition 1. I'm a proposition.

Remark. I'm a remark.

Definition 1. I'm a definition. I'm a definition. I'm a definition. I'm a definition. I'm a definition. I'm a definition. I'm a definition. I'm a definition. I'm a definition. I'm a definition. I'm a definition. I'm a definition.

Example. I'm an example.

III Section with linebreaks in the name

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of

the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

This is the second paragraph. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Chapter 2

Literature Review

I Ethereum Virtual Machine

Ethereum Virtual Machine is an essential part of the Ethereum Blockchain. EVM is a stack based. Smart contracts are programs which run on the EVM. It used to control cryptocurrency and other doings

II Existing EVM languages

According to the official Ethereum documentation [6] only four languages for EVM exist: Solidity, Vyper, Yul and Fe. However, other attempts to create language for EVM are known [7]

Solidity, Vyper, yul and fe are among A number of officially supported languages exist

III Market Research

IV Elixir

V Compiler construction

VI Conclusion

TABLE II
Simulation Parameters

A	B
Parameter	Value
Number of vehicles	$\mid \mathcal{V} \mid$
Number of RSUs	$\mid \mathcal{U} \mid$
RSU coverage radius	150 m
V2V communication radius	30 m
Smart vehicle antenna height	1.5 m
RSU antenna height	25 m
Smart vehicle maximum speed	v_{max} m/s
Smart vehicle minimum speed	v_{min} m/s
Common smart vehicle cache capacities	$[50, 100, 150, 200, 250]$ mb
Common RSU cache capacities	$[5000, 1000, 1500, 2000, 2500]$ mb
Common backhaul rates	$[75, 100, 150]$ mb/s

Fig. 2. One kernel at x_s (dotted kernel) or two kernels at x_i and x_j (left and right) lead to the same summed estimate at x_s. This shows a figure consisting of different types of lines. Elements of the figure described in the caption should be set in italics, in parentheses, as shown in this sample caption.

This description implies several essential properties of the task at hand:

1. Watermark must contain all necessary information, but still, be placeable and recognizable even on smaller images. The produced watermark must be compact but have the possibility to store enough information.

2. To prevent easy tampering, the watermark must be invisible to the naked eye (and, preferably, to basic image parsing tools). If malefactor does not know about the existence of watermark, they might not even try to remove it and disable it.

Chapter 3

Methodology

...

Referencing other chapters 2, 3, 4, 5 and 6

TABLE III
Simulation Parameters

A	B
Parameter	Value
Number of vehicles	$\mid \mathcal{V} \mid$
Number of RSUs	$\mid \mathcal{U} \mid$
RSU coverage radius	150 m
V2V communication radius	30 m
Smart vehicle antenna height	1.5 m
RSU antenna height	25 m
Smart vehicle maximum speed	v_{max} m/s
Smart vehicle minimum speed	v_{min} m/s
Common smart vehicle cache capacities	$[50, 100, 150, 200, 250]$ mb

A	B
Common RSU cache capacities	$[5000, 1000, 1500, 2000, 2500]$ mb
Common backhaul rates	$[75, 100, 150]$ mb/s

Fig. 3. One kernel at x_s (dotted kernel) or two kernels at x_i and x_j (left and right) lead to the same summed estimate at x_s. This shows a figure consisting of different types of lines. Elements of the figure described in the caption should be set in italics, in parentheses, as shown in this sample caption.

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Chapter 4

Implementation

TABLE IV
Simulation Parameters

A	B
Parameter	Value
Number of vehicles	$\mid \mathcal{V} \mid$
Number of RSUs	$\mid \mathcal{U} \mid$
RSU coverage radius	150 m
V2V communication radius	30 m
Smart vehicle antenna height	1.5 m
RSU antenna height	25 m
Smart vehicle maximum speed	v_{max} m/s
Smart vehicle minimum speed	v_{min} m/s
Common smart vehicle cache capacities	$[50, 100, 150, 200, 250]$ mb
Common RSU cache capacities	$[5000, 1000, 1500, 2000, 2500]$ mb
Common backhaul rates	$[75, 100, 150]$ mb/s

Fig. 4. One kernel at x_s (dotted kernel) or two kernels at x_i and x_j (left and right) lead to the same summed estimate at x_s. This shows a figure consisting of different types of lines. Elements of the figure described in the caption should be set in italics, in parentheses, as shown in this sample caption.

. . .

Chapter 5

Evaluation and Discussion

TABLE V
Simulation Parameters

A	B
Parameter	Value
Number of vehicles	$\mid \mathcal{V} \mid$
Number of RSUs	$\mid \mathcal{U} \mid$
RSU coverage radius	150 m
V2V communication radius	30 m
Smart vehicle antenna height	1.5 m
RSU antenna height	25 m
Smart vehicle maximum speed	v_{max} m/s
Smart vehicle minimum speed	v_{min} m/s
Common smart vehicle cache capacities	$[50, 100, 150, 200, 250]$ mb
Common RSU cache capacities	$[5000, 1000, 1500, 2000, 2500]$ mb
Common backhaul rates	$[75, 100, 150]$ mb/s

Fig. 5. One kernel at x_s (dotted kernel) or two kernels at x_i and x_j (left and right) lead to the same summed estimate at x_s. This shows a figure consisting of different types of lines. Elements of the figure described in the caption should be set in italics, in parentheses, as shown in this sample caption.

. . .

Chapter 6

Conclusion

TABLE VI
Simulation Parameters

A	B
Parameter	Value
Number of vehicles	$\mid \mathcal{V} \mid$
Number of RSUs	$\mid \mathcal{U} \mid$
RSU coverage radius	150 m
V2V communication radius	30 m
Smart vehicle antenna height	1.5 m
RSU antenna height	25 m
Smart vehicle maximum speed	v_{max} m/s
Smart vehicle minimum speed	v_{min} m/s
Common smart vehicle cache capacities	$[50, 100, 150, 200, 250]$ mb
Common RSU cache capacities	$[5000, 1000, 1500, 2000, 2500]$ mb
Common backhaul rates	$[75, 100, 150]$ mb/s

Fig. 6. One kernel at x_s (dotted kernel) or two kernels at x_i and x_j (left and right) lead to the same summed estimate at x_s. This shows a figure consisting of different types of lines. Elements of the figure described in the caption should be set in italics, in parentheses, as shown in this sample caption.

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[6] "Smart contract languages." (2022), [Online]. Available: https://ethereum.org/en/developers/docs/smart-contracts/languages/.

[7] "Github: Curated list of programming languages for blockchains." (2023), [Online]. Available: https://github.com/s-tikhomirov/smart-contract-languages#ethereum.

Appendix A

Extra Stuff

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Appendix B

Even More Extra Stuff

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.