

TITLE

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Supervisor: Jožef Stefan Institute, Ljubljana, Slovenia
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MEDNARODNA PODIPLOMSKA ŠOLA JOŽEFA STEFANA
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TITLE

Doctoral Dissertation

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Abstract

The Abstract should be written in the file *Abstract.txt*.

Povzetek

Povzetek se piše v dokumentu *Povzetek.tex*

1 Introduction

This Chapter explains how to provide citations, publications related to the dissertation and abbreviations throughout the thesis.

1.1 Citations

In order to use the correct bibliography style, the bibliography style *mps4_5* is included in the main file *thesis.tex*. Several examples for citations are provided in continuation.

1. Article citation: Saaty (2003b), (Saaty, 2003a)
2. Web page citation: (The Economist, 2010)
3. Author citation: Zopounidis and Doumpos (2006)
4. Book citation: (Bohanec, 2011)
5. Conference article citation: (Baracskai and Dörfler, 2003)
6. Several citations:
 - (Bohanec, 2011; Burstein and Holsapple, 2008; Power, 2002)
 - (Skinner, 1999; Howard, 1968)
 - (E.Triantaphyllou, 2000; French, 1986; Bouyssou et al., 2006)
 - (Figueira et al., 2005)
 - (Jacquet-Lagrezze and Siskos, 1982)
 - (Saaty, 2008)
 - (Moshkovich and Larichev, 1995)
 - (Greco et al., 2001)
 - (Adam and Humphreys, 2008; Figueira et al., 2005; Bouyssou et al., 2006)
 - (Menzies and Richardson, 2006; Saaty, 2008; Zadeh, 1975; Guo et al., 2009; Barron and Barrett, 1996)

1.2 Publications related to the dissertation

Publications related to the dissertation should be entered in *myPublication.bib* file. In order to enter them in Chapter ??, one should cite (include) them in the file *my_publications.tex*.

In order a publication to appear in the chapter *Publications related to the dissertation*, after changing the file *my_publications.tex*, one has to run *bibtex bu.aux* for all *bu*.aux* files (*bu1.aux*, *bu2.aux* etc.). After compiling, the references to the publications will appear.

1.3 Abbreviations

The first occurrence of an abbreviation has to be followed with its long explanation. See the examples below for different types of abbreviations.

To add a new abbreviation, in the file *abbreviation.txt* use the following command:

```
\newacronym<label>{<abbrv>}{<full>}
```

In order to make the abbreviations appear in the list of abbreviations, the following procedure should be applied:

1. Apply latex compile twice (from the editor or in command line by using the command `latex thesis.txt`)
2. Run the following two commands in command line:

```
makeindex -s thesis.ist -t thesis.alg -o thesis.acr thesis.acn
```

```
makeindex -s thesis.ist -t thesis.glg -o thesis.gls thesis.glo
```

Afterwards the latex compile will include the list of abbreviations. Any content changes in the file *abbreviation.txt*, require repeating the above procedure in order for changes to take effect.

The first occurrence of an abbreviation has to be followed with its long explanation. Several examples of usage of long abbreviations are given in continuation.

- test

1.4 Contribution

This is a new section.

1.5 Organization of the thesis

This is a new section.

This Chapter explains how to provide Definitions, Theorems, Lemmas and Algorithms in the thesis.

1.6 Definitions, Theorems, Lemmas

1.7 Algorithms

This is an example of how to write an Algorithm by using the packages *algorithm* and *algorithmic*.

This Chapter provides examples of formatting Figures and Tables.

1.8 Formatting figures

An example of how to format several drawings in one figure is provided on Figure ??.

1.8.1 Subsection

This is an example of subsection.

This is a pragraph This is an example of a paragraph within the subsection 1.8.1.

Subsubsection

This is an example of subsubsection. The maximal depth of numbered subsections is 2.

1.9 Formatting Tables

An example of how to format a table is given in Table 1.1. Shadings are not a requirement.

Table 1.1: Qualitatively described problem

No.	QA ₁	QA ₂	QC
1	good	good	good
2	better	good	good
3	good	better	good
4	good	the best	good
5	the best	good	better
6	better	better	better
7	the best	better	the best
8	better	the best	the best
9	the best	the best	the best

2 Acknowledgements

The research of the author was supported by Ad Futura Programme of the Slovene Human Resources and Scholarship Fund. I would also like to acknowledge the support of the Slovenian Research Agency through Research Programme XY-ZZVR.

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Appendices

Appendix A: Bibliography

Publications related to the dissertation

1.01 Original scientific article

- MILEVA-BOSHKOSKA, B.; BOHANEK, M. A method for ranking non-linear qualitative decision preferences using copulas. *International Journal of Decision Support System Technology* **2** (2012a)
- MILEVA-BOSHKOSKA, B.; BOHANEK, M.; ŽNIDARŠIČ, M. Experimental evaluation of methods for ranking qualitatively assessed data-mining workflows. In: Ana, R.; Frada, B. (eds.) *Fusing decision support systems into the fabric of the context: [presented at 16th IFIP WG8.3 International Conference on Decision Support Systems, June 28-30 2012, Anávisos, Greece]*, vol. (Frontiers in artificial intelligence and applications, vol. 238), 175–184 (Amsterdam: IOS Press, 2012)
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1.08 Published scientific conference contribution

- MILEVA-BOSHKOSKA, B.; BOHANEK, M. A method for ranking non-linear qualitative decision preferences using copulas. *International Journal of Decision Support System Technology* **2** (2012a)
- MILEVA-BOSHKOSKA, B.; BOHANEK, M.; ŽNIDARŠIČ, M. Experimental evaluation of methods for ranking qualitatively assessed data-mining workflows. In: Ana, R.; Frada, B. (eds.) *Fusing decision support systems into the fabric of the context: [presented at 16th IFIP WG8.3 International Conference on Decision Support Systems, June 28-30 2012, Anávisos, Greece]*, vol. (Frontiers in artificial intelligence and applications, vol. 238), 175–184 (Amsterdam: IOS Press, 2012)
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Appendix B: Biography

This is biography...