

FAKULTETA ZA ELEKTROTEHNIKO

MASTERS THESIS

Msc Disposition

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in the

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IKT

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Declaration of Authorship

I, Jakob JENKO, declare that this thesis titled, “Msc Disposition” and the work presented in it are my own. I confirm that:

- This work was done wholly or mainly while in candidature for a research degree at this University.
- Where any part of this thesis has previously been submitted for a degree or any other qualification at this University or any other institution, this has been clearly stated.
- Where I have consulted the published work of others, this is always clearly attributed.
- Where I have quoted from the work of others, the source is always given. With the exception of such quotations, this thesis is entirely my own work.
- I have acknowledged all main sources of help.
- Where the thesis is based on work done by myself jointly with others, I have made clear exactly what was done by others and what I have contributed myself.

Signed:

Date:

Load profiling of home appliances using load classification

0.1 Introduction

0.2 Workflow

Msc degree will be composed from two parts. In the first part I will define what is main load profiling, appliance level profiling, non-intrusive load monitoring and intrusive load monitoring. Then I will review related research work done to date. Next, I will,