

## I. IDENTIFICATION DATA

<b>Thesis title:</b>	Optimization of the Remote Robot Control via Mobile Networks
<b>Author's name:</b>	Bc. Martin Hulec
<b>Type of thesis :</b>	master
<b>Faculty/Institute:</b>	Faculty of Electrical Engineering (FEE)
<b>Department:</b>	Department of Radioelectronics
<b>Thesis reviewer:</b>	Ing. Tomáš Kukrál
<b>Reviewer's department:</b>	External

## II. EVALUATION OF INDIVIDUAL CRITERIA

<b>Assignment</b>	<b>challenging</b>
<i>How demanding was the assigned project?</i>	
The assignment is proving combination of topic definition while keeping freedom for student to explore and extend with his own initiative.	

<b>Fulfilment of assignment</b>	<b>fulfilled</b>
<i>How well does the thesis fulfil the assigned task? Have the primary goals been achieved? Which assigned tasks have been incompletely covered, and which parts of the thesis are overextended? Justify your answer.</i>	
Assignment was fully completed and all important part are covered.	

<b>Methodology</b>	<b>correct</b>
<i>Comment on the correctness of the approach and/or the solution methods.</i>	
Introduction and problem definition are presented at the very beginning of this thesis. Problem is then described in the context of technical possibilities and requirements. Solution is presented together with example implementation.	

<b>Technical level</b>	<b>A - excellent.</b>
<i>Is the thesis technically sound? How well did the student employ expertise in the field of his/her field of study? Does the student explain clearly what he/she has done?</i>	
Technical level is appropriate for master thesis and the information provided in this thesis is presented as correct technical document. Implementation section may have provided more implementation details to make reusing this work easier.	

<b>Formal and language level, scope of thesis</b>	<b>A - excellent.</b>
<i>Are formalisms and notations used properly? Is the thesis organized in a logical way? Is the thesis sufficiently extensive? Is the thesis well-presented? Is the language clear and understandable? Is the English satisfactory?</i>	
Language level and the thesis structure is better than average master thesis.	

<b>Selection of sources, citation correctness</b>	<b>A - excellent.</b>
<i>Does the thesis make adequate reference to earlier work on the topic? Was the selection of sources adequate? Is the student's original work clearly distinguished from earlier work in the field? Do the bibliographic citations meet the standards?</i>	
The student incorporates citations, seamlessly integrating external sources to support his arguments and decisions.	

<b>Additional commentary and evaluation (optional)</b>
<i>Comment on the overall quality of the thesis, its novelty and its impact on the field, its strengths and weaknesses, the utility of the solution that is presented, the theoretical/formal level, the student's skillfulness, etc.</i>



### III. OVERALL EVALUATION, QUESTIONS FOR THE PRESENTATION AND DEFENSE OF THE THESIS, SUGGESTED GRADE

*Summarize your opinion on the thesis and explain your final grading. Pose questions that should be answered during the presentation and defense of the student's work.*

*Student is providing very good understanding of mobile networks and management of these network. Proposed solution is very good start for future extensions.*

*Q: What are the challenges for network optimization in case of multi-robot control, i.e. remove control station operating multiple robots?*

The grade that I award for the thesis is **A - excellent**.

Date: 28.1.2024

Signature: