

I. IDENTIFICATION DATA

Thesis name:	Selection of Sensors and Actuators for a Small Autonomous Car Model
Author's name:	Sami Jradi
Type of thesis :	bachelor
Faculty/Institute:	Faculty of Mechanical Engineering (FME)
Department:	Department of Instrumentation and Control Engineering
Thesis reviewer:	Prof. Ing. Jaromír Volf, DrSc.
Reviewer's department:	CULS, Faculty of Engineering, Department of Electrical Engineering and Automation

II. EVALUATION OF INDIVIDUAL CRITERIA

Assignment <i>Evaluation of thesis difficulty of assignment.</i>	challenging
The bachelor thesis belongs to difficult.	

Satisfaction of assignment <i>Assess that handed thesis meets assignment. Present points of assignment that fell short or were extended. Try to assess importance, impact or cause of each shortcoming.</i>	fulfilled
The all goals were fulfilled.	

Method of conception <i>Assess that student has chosen correct approach or solution methods.</i>	outstanding
Student used the right methods of conception.	

Technical level <i>Assess level of thesis specialty, use of knowledge gained by study and by expert literature, use of sources and data gained by experience.</i>	A - excellent.
The bachelor thesis has excellent technical level.	

Formal and language level, scope of thesis <i>Assess correctness of usage of formal notation. Assess typographical and language arrangement of thesis.</i>	A - excellent.
The thesis is written in English language in excellent level. The Fig. 5 has bad reading legend.	

Selection of sources, citation correctness <i>Present your opinion to student's activity when obtaining and using study materials for thesis creation. Characterize selection of sources. Assess that student used all relevant sources. Verify that all used elements are correctly distinguished from own results and thoughts. Assess that citation ethics has not been breached and that all bibliographic citations are complete and in accordance with citation convention and standards.</i>	A - excellent.
The student used more relevant sources that have match level. All Sources are right cited.	

Additional commentary and evaluation <i>Present your opinion to achieved primary goals of thesis, e.g. level of theoretical results, level and functionality of technical or software conception, publication performance, experimental dexterity etc.</i>	
The thesis has excellent level and all goals were fulfilled. It was gain practical interesting results.	



REVIEWER'S OPINION OF FINAL THESIS

III. OVERALL EVALUATION, QUESTIONS FOR DEFENSE, CLASSIFICATION SUGGESTION

Summarize thesis aspects that swayed your final evaluation. Please present apt questions which student should answer during defense.

The thesis has the excellent level and very important results.

I have two questions:

1. What is accuracy of used ultra sound sensors?
2. What are dimensions of maze and car?

I evaluate handed thesis with classification grade **A - excellent**.

Date: **20.6.2019**

Signature: