

## I. IDENTIFICATION DATA

<b>Thesis name:</b>	<b>Autocompletion algorithm for simple trajectories</b>
<b>Author's name:</b>	<b>Tan Wei Xin</b>
<b>Type of thesis :</b>	master
<b>Faculty/Institute:</b>	Faculty of Electrical Engineering (FEE)
<b>Department:</b>	Department of Control Engineering
<b>Thesis reviewer:</b>	RNDr. Zuzana Černeková, PhD.
<b>Reviewer's department:</b>	Department of applied informatics, Faculty of mathematics, physics and informatics, Comenius University Bratislava

## II. EVALUATION OF INDIVIDUAL CRITERIA

<b>Assignment</b>	<b>challenging</b>
This topics require knowledge of three research areas, the image processing, machine learning and computer graphics.	

<b>Satisfaction of assignment</b>	<b>fulfilled with minor objections</b>
The assignment is mostly satisfied. For completeness it would require to test out the performance of trajectory planning by an actual industrial robot using the trajectories generated by the proposed system.	

<b>Method of conception</b>	<b>correct</b>
Chosen approach to the problem is correct.	

<b>Technical level</b>	<b>B - very good.</b>
<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>	
Please insert your commentary.	

<b>Formal and language level, scope of thesis</b>	<b>B - very good.</b>
The text is logically organized, use of formal notation is correct. The theses is written in good English.	

<b>Selection of sources, citation correctness</b>	<b>C - good.</b>
Most of the studied material is old. The student could make better research in the recent years.	

<b>Additional commentary and evaluation</b>
<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>
Please insert your commentary (voluntary evaluation).



## REVIEWER'S OPINION OF FINAL THESIS

### III. OVERALL EVALUATION, QUESTIONS FOR DEFENSE, CLASSIFICATION SUGGESTION

The student in the thesis show that it is possible to automatically generate smooth and continuous trajectories that are non-photorealistic using information from a human made trajectory segment. Although, to get well performing system, there need to be made some improvement, the proposed the system was showed to be functional.

I evaluate handed thesis with classification grade **B - very good**.

Date: **3.6.2019**

Signature: