

## I. IDENTIFICATION DATA

<b>Thesis name:</b>	Equivalent Circuit of the Three Phase Induction Motor
<b>Author's name:</b>	Rishabh Tathgir
<b>Type of thesis :</b>	master
<b>Faculty/Institute:</b>	Faculty of Mechanical Engineering (FME)
<b>Department:</b>	Department of Automotive, Combustion Engine and Railway Engineering
<b>Thesis supervisor:</b>	Assoc. prof. Pavel Mindl
<b>Supervisor's department:</b>	Electric Drives and Traction FEL

## II. EVALUATION OF INDIVIDUAL CRITERIA

<b>Assignment</b>	<b>challenging</b>
<i>Evaluation of thesis difficulty of assignment.</i>	
Please insert your commentary. Theme of the thesis is relatively complex with respect to previous study orientation.	

<b>Satisfaction of assignment</b>	<b>fulfilled</b>
<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>	
Please insert your commentary. All points of assignment were satisfactory fulfilled.	

<b>Activity and independence when creating final thesis</b>	<b>B - very good.</b>
<i>Assess that student had positive approach, time limits were met, conception was regularly consulted and was well prepared for consultations. Assess student's ability to work independently.</i>	
Please insert your commentary. Student visited regularly consultations. He good cooperated with his supervisor.	

<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. Mr. Tathgir studied corresponding literature sources, concerning to diploma thesis theme. He used really base relevant information related to problem to be solved. Presented theoretical analysis and mathematical model was sufficiently verified by simulation and laboratory experimental methods.	

<b>Formal and language level, scope of thesis</b>	<b>B - very good.</b>
<i>Assess correctness of usage of formal notation. Assess typographical and language arrangement of thesis.</i>	
Please insert your commentary. Without remarks	

<b>Selection of sources, citation correctness</b>	<b>B - very good.</b>
<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>	
Please insert your commentary. All literature sources are regularly cited in the text and on the end of the work are presented on the summary.	

<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). Diploma thesis assignment has been in general fulfilled. After theoretical introduction and problem analysis author realized experiments at the laboratory setup. He obtained new results concerning of induction motor parameters, needed for electric car drive.

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

*Summarize thesis aspects that swayed your final evaluation.*

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

Date: **22.8.2018**

Signature: Pavel Mindl