

I. IDENTIFICATION DATA

Thesis name:	Functional reorganization of brain networks after stroke
Author's name:	Bc. Vojtěch Kumpošt
Type of thesis :	master
Faculty/Institute:	Faculty of Electrical Engineering (FEE)
Department:	Department of Circuit Theory
Thesis reviewer:	Petr Ježdík, MSc. PhD.
Reviewer's department:	Department of Circuit Theory

II. EVALUATION OF INDIVIDUAL CRITERIA

Assignment	challenging
<i>Evaluation of thesis difficulty of assignment.</i>	
The aim of this thesis was to find a network measure which can show a significant correlation of cognitive tests and the measure. Searching for "a proper network measure" in such a complex system like the brains of patients after stroke are, could be really challenging, especially when the previous studies did not show the significant correlation yet	

Satisfaction of assignment	fulfilled
<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>	
The thesis fully meets the assignment.	

Method of conception	correct
<i>Assess that student has chosen correct approach or solution methods.</i>	
Student has chosen appropriate solution of the project. The thesis is having all necessary steps to replicate the results	

Technical level	A - excellent.
<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>	
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Formal and language level, scope of thesis	B - very good.
<i>Assess correctness of usage of formal notation. Assess typographical and language arrangement of thesis.</i>	
There is missing an axis scale in figure 3.4, but it is a minor problem, the needed information is present in the text	

Selection of sources, citation correctness	A - excellent.
<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>	
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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>	
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REVIEWER'S OPINION OF FINAL THESIS

III. OVERALL EVALUATION, QUESTIONS FOR DEFENSE, CLASSIFICATION SUGGESTION

The student has done the scientifically correct work even the results are not statistically significant after the proper corrections. I appreciate that the student also implemented and tested a data processing pipeline for new possible additional samples for the statistics, which could make a change in the result's significance.

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

Date: **3.6.2019**

Signature: