



Master thesis supervisor's review

Master thesis: Voltage and Current Measurement in Modern High Voltage Substations

Author: Bc. Dias Serikbayev

Thesis supervisor: doc. Ing. Radek Procházka, Ph.D.

Rating (1 – 5)
(1 = best; 5 = worst):

1. Fulfillment of assignment requirements:	<input type="text" value="2"/>
2. Self-reliance and initiative during the thesis solution:	<input type="text" value="1"/>
3. Systematic solutions of individual tasks:	<input type="text" value="2"/>
4. Ability to apply knowledge and to use literature:	<input type="text" value="3"/>
5. Collaboration and consultations with the thesis supervisor:	<input type="text" value="1"/>
6. Thesis formal and language level:	<input type="text" value="3"/>
7. Thesis readability and structuring:	<input type="text" value="3"/>
8. Thesis professional level:	<input type="text" value="3"/>
9. Conclusions and their formulation:	<input type="text" value="3"/>
10. Final mark evaluation (A, B, C, D, E, F):	<input type="text" value="D"/>

verbal:

satisfactory

Brief summary evaluation of the thesis (compulsory):

Diploma thesis deals with high voltage and current measurement possibilities in high voltage substation systems. The first part contents an overview of substations types and components including used measuring chains. Then the measurement devices are described in detail, and the fundamental principles of electro-optical sensors are explained as well. In the final chapter, the experimental comparison of instrument voltage transformer and the electro-optical sensor is presented.

The diploma thesis is very general in some parts, and the technical level is sometimes lower (e.g. in Chapter 4 and 5). The citation of literature was not done correctly, and there are more grammatical errors in the text. The presentation of the results at the end of the work could be done better. On the other hand, I have to appreciate author's positive attitude during the preparation of the thesis and frequent consultations with the supervisor. Despite imperfections mentioned above, all tasks of diploma thesis assignment were fulfilled. **I can recommend it for the defence.**

Date:

Signature:



Notes:

- 1) The total thesis evaluation needn't be determined by the partial evaluations average.
- 2) The total evaluation (item 8) should be from the following scale:

excellent	very good	good	satisfactory	sufficient	insufficient
A	B	C	D	E	F