Master thesis supervisor’s review

Master thesis: Possible Issues in Distributed Generation Network Protection
Author: Bc. Minh-Quan Dang
Thesis supervisor: Ing. Jakub Ehrenberger

Rating (1 – 5)
(1 = best; 5 = worst):

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

Brief summary evaluation of the thesis (compulsory):
All specified points of Mr. Dang work have been met. During the preparation, he’s been attending regular consultations, worked carefully and independently. As a part of the work, program in Wolfram Mathematica, allows for load-flow analysis and subsequent short-circuit calculations in every node of network was created. The program was used for calculation of short-circuit and pre-fault conditions of example network and obtained results were used for correct network protection setting for several penetration levels.
The only two thinks I can criticize are insufficient explanation of the resulted formulas for short-circuit calculation and maybe some easiest and more variable way of protection setting could be used. Otherwise work is well handled and all important results were mentioned and discussed.

Date: Signature: