

OPPONENT'S ASSESSMENT ON DIPLOMA THESIS

Student's name and surname: Murali Prasath Balu

Name of the diploma thesis: Design of system ensuring defined cable tension under dynamic load

Supervisor of the thesis: Ing. Petr Žabka, Ph. D.

Opponent: Ing. Monika Gromadová, Ph. D.

1. Diploma thesis evaluation

Evaluation	excellent	excellent minus	very good	very good minus	good	failed
Meeting the goal and fulfilling task of the thesis	X					
Quality of conducted survey	X					
Methodology of solutions	X					
Expert level of the thesis	X					
Merit of the thesis and its potential applicability of results	X					
Formal and graphic level of the thesis		X				
Student's personal approach	X					

Mark x in the corresponding box.

Supervisor's final evaluation is based on his/her overall subjective evaluation.

Grading is stated literally in the article no. 5, neither by a number, nor by a letter.

2. Comments and remarks on diploma thesis:

I miss the list of shortcuts in the thesis - e.g. symbol Θ (equations on p.31) is not explained in the text. Some schemes have weak quality; they are drawn with a uniform line thickness (e.g. scheme on p. 43, 49) and therefore they are difficult to understand.

I miss an explanation of the results shown in graphs in Figure 5-4.

3. Questions about diploma thesis:

Could the model of vibrations be directly connected to the model of the selected variant? If yes explain how.

4. Opponent's statement whether the diploma thesis meets the academic title requirements and whether it is recommended for defense:

Diploma thesis meets the academic title requirements and I recommend it for defense.

5. Opponent's grading:

excellent

Date25.1.2021....., in Liberec

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Opponent's signature

