THESIS SUPERVISOR'S REPORT

I. IDENTIFICATION DATA

Thesis title:	**Test-Time Adaptation for Segmentation**
Author's name:	**Klára Janoušková**
Type of thesis :	master
Faculty/Institute:	Faculty of Electrical Engineering (FEE)
Department:	Cybernetics
Thesis supervisor:	Jiří Matas
Reviewer's department:	Cybernetics

II. EVALUATION OF INDIVIDUAL CRITERIA

Assignment	challenging
How demanding was the assigned project?	

The thesis deals with an open research problem. It thus required the student to acquire understanding of the state-of-the-art, formulate contributions w.r.t. it, obtain relevant data, propose a method, implement and train it and do an extensive evaluation. At many points, Klára had to make difficult design choices.

Fulfilment of assignment	fulfilled
How well does the thesis fulfil the assigned task? Have the primary goals been achieved? Which assigned tasks have been incompletely covered, and which parts of the thesis are overextended? Justify your answer.	

The student completed the assigned tasks, going beyond what was specified in the assignment.
The results are good, the contributions are probably sufficiently significant to be a core of a paper to a high-quality conference.

Activity and independence when creating final thesis	A - excellent.
Assess whether the student had a positive approach, whether the time limits were met, whether the conception was regularly consulted and whether the student was well prepared for the consultations. Assess the student's ability to work independently.	

Klára worked independently, she is a motivated, active student. She consulted with me on a regular basis. On top of that, she consulted with Chaim Baskin, and other experts.

Technical level	A - excellent.
Is the thesis technically sound? How well did the student employ expertise in his/her field of study? Does the student explain clearly what he/she has done?	

The thesis is technically sound. The introduction and the related work section is readable and explains the problem, and its context and motivation, in a way that is accessible to non-specialists. The literature review is thorough.

Formal level and language level, scope of thesis	A - excellent.
Are formalisms and notations used properly? Is the thesis organized in a logical way? Is the thesis sufficiently extensive? Is the thesis well-presented? Is the language clear and understandable? Is the English satisfactory?	

The thesis is written in English, with minimum errors. The text is accompanied by well-designed figures and tables. Experimental results are presented in an easy-to-understand way . All is nicely typeset. The thesis length is well above average length, for readability, some results were moved to appendices.

Selection of sources, citation correctness	A - excellent.
Does the thesis make adequate reference to earlier work on the topic? Was the selection of sources adequate? Is the student's original work clearly distinguished from earlier work in the field? Do the bibliographic citations meet the standards?	

The length of the list of References is 82; the topic required familiarity with a broad range of sources.

Additional commentary and evaluation (optional)
Comment on the overall quality of the thesis, its novelty and its impact on the field, its strengths and weaknesses, the utility of the solution that is presented, the theoretical/formal level, the student's skillfulness, etc.
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III. OVERALL EVALUATION, QUESTIONS FOR THE PRESENTATION AND DEFENSE OF THE THESIS, SUGGESTED GRADE

The thesis fulfilled the assignment. The results contribute to the state of the art. I have no critical remarks. I therefore recommend **the thesis be graded** A - excellent.

Date: **18.6.2023**   Signature: