



FACULTY
OF MATHEMATICS
AND PHYSICS
Charles University

Report on part of state final examination Defence of bachelor's thesis

Academic year: 2023/2024

Student's name and surname: Andrei Lupasco
Student's ID: 92082172

Type of the study programme: Bachelor's
Study programme: Computer Science with specialisation in Artificial Intelligence

Study ID: 707878

Title of the thesis: Deep Neural Networks for Graph Data Processing
Thesis department: Department of Theoretical Computer Science and Mathematical Logic (205. • 32-KTIML)

Language of the thesis: Czech
Language of defence: English
Advisor: doc. RNDr. Iveta Mrázová, CSc.
Reviewer(s): Mgr. Vladan Majerech, Dr.
Date of defence: 06.09.2024 **Venue of defence:** Praha
Attempt: regular

Course of the examination: The student presented his bachelor thesis in the form of a poster. Subsequently, the committee raised its questions regarding comparison to related work, possible extensions to non-planar graphs, and how the algorithm reacts to situation where the center of the SPQR tree is an edge instead of a vertex. The student answered the questions. In the end, the commission agreed on the assessment with which the student was introduced.

Result of defence: very good (2)

Chair of the board: Tůma Petr, prof. Ing., Dr.

Committee members: Fink Jiří, RNDr., Ph.D.
Majerech Vladan, Mgr., Dr.
Pilát Martin, doc. Mgr., Ph.D.