I. IDENTIFICATION DATA

Thesis title:	**Neural Arithmetic**
Author's name:	**Shuhailo Oleksii**
Type of thesis :	bachelor
Faculty/Institute:	Faculty of Electrical Engineering (FEE)
Department:	Computer Science
Thesis reviewer:	Dominik Seitz
Reviewer's department:	Computer Science

II. EVALUATION OF INDIVIDUAL CRITERIA

Assignment

How demanding was the assigned project?

challenging

The student used preexisting models from literature and performed an analysis on their performance on various tasks, hence I consider the difficulty to be medium/average.

Fulfilment of assignment

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.

fulfilled with minor objections

From my understanding, the student did fulfill the assignment, however I would have wished for a more clear "guidance" through the thesis, I.e. where a specific assignment is addressed.

Methodology

Comment on the correctness of the approach and/or the solution methods.

correct

The student performed a review of preexisting approaches on various learning tasks with suitable models.

Technical level

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

B - very good.

The models are explained well with using mathematical notation; proper examples are given.

Formal and language level, scope of thesis

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?

E - sufficient.

Formalisms and notations are used correctly. A clearer structure of the thesis would have made the goals of each section/experiment easier to understand. The presentation and English language could be improved.

Selection of sources, citation correctness

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?

B - very good.

All relevant work was cited correctly.

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.
The thesis employs a review of preexisting work on various arithmetic learning tasks. The presentation, structure and language of the thesis could be improved. However, the assigment was fulfilled. Hence I award C.

III. OVERALL EVALUATION, QUESTIONS FOR THE PRESENTATION AND DEFENSE OF THE THESIS, SUGGESTED GRADE

Summarize your opinion on the thesis and explain your final grading. Pose questions that should be answered during the presentation and defense of the student's work.

The grade that I award for the thesis is C - $\mathrm{good}.$

Date: **Click here and enter the date.**   Signature: