

I. IDENTIFICATION DATA

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| Thesis title: | Agent-based simulation for pedestrian crossing the border from Juarez to El Paso |
| Author's name: | Eliška Glaserová |
| Type of thesis : | master |
| Faculty/Institute: | Faculty of Transportation Sciences (FTS) |
| Department: | Department of Logistics and Management of Transport |
| Thesis reviewer: | Pavel Vařacha |
| Reviewer's department: | Tomas Bata University in Zlín |

II. EVALUATION OF INDIVIDUAL CRITERIA

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| Assignment | challenging |
| <i>How demanding was the assigned project?</i> | |
| I would like to state that all demands necessary to fulfill the assigned project were adequately accomplished in accordance with the master thesis level. | |

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| Fulfilment of assignment | fulfilled |
| <i>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.</i> | |
| All the tasks were realized appropriately, and all primary goals have been reached. The length of the thesis is adequate considering a typical master thesis, and it does not consist of any significantly overextended parts. | |

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| Methodology | correct |
| <i>Comment on the correctness of the approach and/or the solution methods.</i> | |
| The author demonstrates the employment of independent critical scientific thinking. The author solved problems using correct engineering methods. | |

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| Technical level | A - excellent. |
| <i>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?</i> | |
| Providing her field of study, the author used appropriate technical expertise in accordance with the master's level. In my understanding, the explanatory part of the thesis is straightforward, easy to understand, and technologically sound. | |

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| Formal and language level, scope of thesis | A - excellent. |
| <i>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?</i> | |
| The thesis does not contain any significant errors and is formally correct. Its extent is in accordance with a typical master thesis. The English level of the thesis is satisfactory. The thesis is organized logically and in good order. Formalisms and notations are presented correctly. | |

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| Selection of sources, citation correctness | A - excellent. |
| <i>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?</i> | |
| The form and usage of citations meet the standard and are referenced accordingly. The author used enough correct sources. The work of an author is clearly distinguished from the work of referenced authors. | |

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| Additional commentary and evaluation (optional) |
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THESIS REVIEWER'S REPORT

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.

In my opinion, the overall quality of the thesis is excellent. Its novelty is adequate for the master thesis level. Note that the author successfully creates very nice work in the challenging conditions of the CTU - UTEP dual degree program, further complicated by the covid pandemic.

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 **A - excellent**.

I hereby conclude that the author successfully dealt with all main goals of the thesis and therefore recommend this thesis to be defended in front of the committee.

Date: **4.6.2022**

Signature: