



REPORT OF MASTER THESIS REVISION

Full name: PHAN XUAN HIEP

Class: MICE3A

Cohort: 2024 - 2026

Date of thesis defense: 14/07/2026

Thesis title:

+ Tiếng Việt: MÔ HÌNH ĐIỀU KHIỂN ĐÈN GIAO THÔNG THÍCH NGHI DỰA TRÊN HỌC TĂNG CƯỜNG TRONG MÔ PHÒNG GIAO THÔNG ĐÔ THỊ

+ Tiếng Anh: ADAPTIVE TRAFFIC LIGHT CONTROL MODEL BASED ON REINFORCEMENT LEARNING IN URBAN TRAFFIC SIMULATION

Supervisor: Dr. NGUYEN NGOC LINH

I hereby declare that I have revised my master thesis as required by Master Thesis

Examination Committee:

Point	Requirements by the Committee	Detailed revisions	Pages
1	Abstract: should be written in the past tense rather than the future tense.	The abstract has been revised to use the past tense throughout the manuscript to accurately describe the completed research.	Abstract
2	Please note that the term "dissertation" is typically reserved for a doctoral (PhD) thesis.	The term "dissertation" has been replaced with "thesis" throughout the manuscript to comply with the standard terminology for a Master's thesis.	2
3	The statement " <i>deploying and testing RL-based controllers in real-world environments can be very expensive and highly undesirable</i> " is not entirely appropriate. Running simulations is a standard and necessary practice before physical implementation, rather than just an alternative to avoid undesirable real-world testing.	The statement has been revised to clarify that simulation is a standard and necessary step before real-world implementation, rather than merely an alternative to avoid real-world testing.	3



4	Avoid the term “ <i>simulation experiments</i> ”. Simulation is different with experiments.	The term “ <i>simulation experiments</i> ” has been replaced with “ <i>simulations</i> ” throughout the thesis to accurately distinguish simulation from real-world experiments.	4, 5
5	Figures should be numbered sequentially by chapter (e.g., Figure 1.1, Figure 1.2, Figure 2.1).	All figures have been renumbered according to the chapter-based numbering convention (e.g., Figure 1.1, Figure 1.2, Figure 2.1).	1, 2, 3, 7, 9, 10, 11, 14, 16, 17, 20, 25, 32, 34, 35, 37, 42, 44, 45, 46, 47, 54, 55, 58, 59, 61, 62
6	All figures adopted from other sources must be properly cited with references.	References have been added for all figures adopted or adapted from external sources to ensure proper attribution and compliance with academic standards.	16, 17, 20, 25, 35, 37, 44

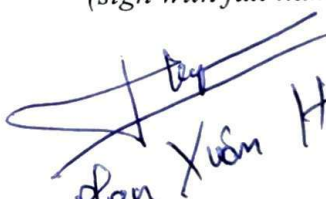
*Students are required to send a soft copy of the master thesis with highlighted revised points and a soft copy of original master thesis via email (postgraduate@isvnu.vn).

Hanoi, 17/7/2026

Supervisor
(sign with full name)


Nguyễn Ngọc Linh

Student
(sign with full name)


Phan Xuân Hiệp

CHAIR OF THE COMMITTEE


Trần Đức Anh