

Title of Thesis: Classroom learning dynamics using a cellular automata spatiotemporal model comparing peer instruction and traditional instruction

Author: Clarence Ioakim T. Sy

BS Applied Physics Thesis

National Institute of Physics

University of the Philippines Diliman

January 2025

Classification* : P

* I – invention or creation, P – publication, C – confidential information

Available to the general public	Yes
Available only after consultation with author/adviser for thesis	No
Available only to those bound by nondisclosure or confidentiality agreement	No



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Student

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Thesis Adviser

Honor Code

By submitting this thesis, I affirm that I uphold the core values of Honor and Excellence as codified in the University of the Philippines Code of Student Conduct. This work adheres to the highest standards of academic integrity wherein scholarly sources have been attributed accurately; data has been collected and analyzed in accordance with established academic and scientific practices; and results have been reported in a scholarly and transparent manner.

A handwritten signature in black ink, appearing to read 'Ioakim Sy', with a stylized, cursive script.

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December 12, 2024

Dr. Wilson O. Garcia
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Dear Dr. Garcia:

Below is the official action of the panel members in the undergraduate thesis defense of Mr. Clarence loakim T. Sy. The defense of the thesis entitled "**CLASSROOM LEARNING DYNAMICS USING A CELLULAR AUTOMATA SPATIOTEMPORAL MODEL COMPARING PEER INSTRUCTION AND TRADITIONAL INSTRUCTION**" was held in NIP R211 on Thursday, 12 December 2024, 10:30 A.M.

Panel Members

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Rating
PASSED FAILED

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The rating is therefore passed.

Sincerely yours,

CRISTINE DLR VILLAGONZALO, Dr.rer.nat.
Deputy Director for Academic Affairs, NIP

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NATIONAL INSTITUTE OF PHYSICS
College of Science
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ANNOUNCEMENT OF THE UNDERGRADUATE THESIS SEMINAR

of

CLARENCE IOAKIM T. SY

on

**CLASSROOM LEARNING DYNAMICS USING A CELLULAR AUTOMATA SPATIOTEMPORAL
MODEL COMPARING PEER INSTRUCTION AND TRADITIONAL INSTRUCTION**

In partial fulfillment of the requirements for the degree of

Bachelor of Science in Applied Physics

On Thursday, 12 December 2024, 10:30 AM, NIP R211

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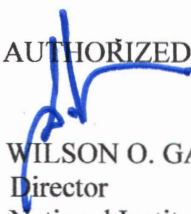
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