

INFORMATION PAGE ABOUT THE THESIS'S ACADEMIC CONTRIBUTIONS

- Ph.D. Candidate: PHAM THANH TRA
- Supervisor: 1. Assoc. Prof. Dr. NGUYEN MINH SON
 2. Dr. LE THI HONG NA
- Thesis: *“The multilayer climatic adaptive shophouse’s front façade structure in Ho Chi Minh city applying parametric method”*
- Specialization: Architecture
- Code: 9580101
- Institution: : HANOI ARCHITECTURAL UNIVERSITY

CONTRIBUTIONS OF THE THESIS

1. Proposing opinions, principles and criteria system on building front facades of shophouses to adapt to the climate conditions of HCMC by applying PM
2. Quantify the front facade through structurizing (dividing the facade into layers with components and relationships), parameterizing the structure (representing the structure into a parametric system), parameterized model and variations.
3. Proposing a new approach for architects in quantitative design, especially the application of PPTS in architectural design in general and townhouses in particular..
4. Contributing to the theoretical system of adaptive architecture by proposing methods to calculate the adaptability of the structure..

Supervisor

Ph.D. Candidate