

# CURRICULUM VITAE

## I. PERSONAL INFORMATION

Full name: **Thong Le-Van** (first/last/middle). Date of birth (DOB): December 21, 1977;

Nationality: Vietnamese. Sex: Male. Civil status: Married;

Office address: Structural Engineering Department, Faculty of Civil Engineering, University of Architecture Ho Chi Minh City (UAH), 196, Pasteur Street, District 3,

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Web: <http://ce.uah.edu.vn/index.php/vi/menu-combos-2/giang-vien/190-gv28>.



## II. EDUCATION AND SCHOLARSHIPS

### 1. Education

- 2000-2003: European Master Program in Mechanics of Construction, University of Liège, Belgium, Faculty of Applied Sciences; **GPA=75.3** on 100-point scale

Thesis title: **The Dual Craig–Bampton Method**. Supervisor: Prof. Dr. Ir Daniel Rixen, Technical University of Munich;

- 1995-2000: Civil Engineering Bachelor, University of Architecture Ho Chi Minh City, Faculty of Civil Engineering; **GPA=7.06** on 10-point scale

Thesis title: **Design Structures of the Institute of Agricultural Science for Southern Viet Nam**. Reinforced frame structures were analyzed and designed by using Finite element program, SAP 2000.

### 2. Scholarships

- Scholarship of European Master Program (EMMC) in Viet Nam;
- Scholarship of Ministry of Education and Training for good students.

## III. ACADEMIC EXPERIENCE

### 1. Teaching experience

- **Undergraduate Student Instructor (Dissertation)**, 2007-present, *Faculty of Civil Engineering, University of Architecture Ho Chi Minh City (UAH), Viet Nam*;

- **Undergraduate courses taught**: Design of Reinforced Concrete Structures, Design of Steel Structures for 4<sup>th</sup> Year U/G Civil engineering Students;

- **Member of the Department Qualifying Examinations and Board Orals for Undergraduate Thesis Defenses**, *Faculty of Civil Engineering, University of Architecture Ho Chi Minh City (UAH), Viet Nam*.

### 2. Research projects

- **National Project (2013-2015)**: Grant number: 107.02-2012.27, National Foundation for Science and Technology Development (**Nafosted**: [www.nafosted.gov.vn](http://www.nafosted.gov.vn)); Grant funded 700 millions VND: “*Development of smoothed finite element techniques for geometrically nonlinear analysis of plate and shell-like structures*”: **Member**;

- **Ministerial Project (2012-2015)**: Grant number: RD12-12; Grant funded 200 millions VND: “*Research to Innovate the Contents of Civil & Industrial Engineering Textbooks, Updating to the Contemporary Construction Techniques: Textbook on Steel Design Vol. 1 & Vol 2*”: **Key Member**.

## IV. PUBLICATIONS

### 1. Paper

- **Le -Van T.**, Nguyen-Van H., Rixen D. J. (2011). "The dual Craig-Bampton method for structural dynamic analysis". Journal of Science and Technology, Vietnamese Academy of Science and Technology, Vol. 49, No. 5A, pp.10-12. ISSN: 0866-708X;
- Nguyen Van Hieu, Nguyen Hoai Nam, Tran Dong Kiem Lam, **Le Van Thong** (2013). "Modeling and analyzing geometrically nonlinear plate/shell structures using smooth four-node element". The 11<sup>th</sup> Conference proceedings on Science Solid Mechanics, 7-9/11/2013, Ho Chi Minh city, Viet Nam, pp.469-478; ISBN:978-604-913-212-4.

### 2. Conference

- **T. Le-Van**, H. Nguyen-Van, D. J. Rixen. "The dual Craig - Bampton method for structural dynamic analysis". The 1<sup>st</sup> International symposium on engineering physics and mechanics (ISEPM 2011), 13, 2011;
- X. Nguyen - Ngoc, **T. Le-Van**. "New concept of designing piled raft foundations". Conference proceedings on Green Energy & Sustainable Development, 6, 2011.

## V. PROFESSIONAL EXPERIENCE

### 1. Membership of professional associations

- Structural Engineers Association of Southern Area of Viet Nam;
- Licensed Civil Engineer, Viet Nam, No. KS.08.11672, Iss. August 05<sup>th</sup>, 2015.

### 2. Professional experience

I have served as a consultant to civil engineering firms where specialized in structural design of the high-rise reinforced concrete buildings and industrial steel buildings. Main major: Structural design group leader and principal structural engineer. Main works included structural analysis, design foundation and structural systems. List of companies: **Chan Phuong Engineering Pte. Ltd**, Ho Chi Minh City, Viet Nam and **ACSA Architectural Consultants Pte. Ltd.**, Ho Chi Minh City, Viet Nam.

## VI. COMPUTER PROGRAMMES

**FEA packages:** SAP2000, ETABS, SAFE. **CAD packages:** Autocad. **Programming languages:** MATLAB.

## VII. RESEARCH INTERESTS

- **Structural engineering:** Steel structures, Reinforced concrete structures, Structures subjected extreme actions including: Wind and Earthquake;
- **Geotechnical Engineering:** Soil-Structures interaction, Pile foundations, Slope stability
- **Computational engineering:** FEM, Structural Stability and Dynamic Analysis.

## VIII. REFEREES

### 1. Emeritus Professor Hung Nguyen-Dang,

Aerospace and Mechanical Engineering Department, [University of Liège](http://www.univ-liege.be), Liège, Belgium. Editor in Chief of Asia Pacific Journal of Computational Engineering;

E-mail: [H.NguyenDang@ulg.ac.be](mailto:H.NguyenDang@ulg.ac.be);

Web: [https://www.researchgate.net/profile/H\\_Nguyen-Dang](https://www.researchgate.net/profile/H_Nguyen-Dang).

### 2. Associate Professor Hieu Nguyen - Van,

President of Research Committee, Faculty of Civil Engineering, University of Architecture Ho Chi Minh City, Viet Nam;

E-mail: [hieu.nguyenvan@uah.edu.vn](mailto:hieu.nguyenvan@uah.edu.vn). Mobile phone: +84 9 38123299;

Web: <https://scholar.google.co.uk/citations?user=5axPVn4AAAAJ&hl=vi>.