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Faculty of Transportation Engineering,
University of Nha Trang,
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EDUCATION

Ph.D. Department of Civil and Environment Engineering, **Sejong University**, 2017,
Seoul, Korea

M.S. Department of Civil and Environment Engineering, **Sejong University**, 2013,
Seoul, Korea

B.S. Department of Mechanical Engineering, **Nha Trang University**, 2004, Nha
Trang, Vietnam

RESEARCH INTERESTS

1. Numerical Structural Analysis
2. Dynamic structures
3. Stochastic Finite Element Analysis

TEACHING RESPONSIBILITY

Undergraduate

1. Vehicle theory
2. Vehicle dynamics

Graduate

1. Finite element method
2. Stochastic in engineering

PUBLICATIONS AND PRESENTATIONS

1. **Nguyen Van Thuan**, Hyuk Chun Noh, Ta Duy Hien, The Computational Structural Engineering Institute of Korea, Pyong Chang - Alpensia Resort, Korea, "*Free vibration of functionally graded beams with varying cross-section on elastic foundation and spring supports*", April 12, 2012.

2. Ta Duy Hien, Hyuk Chun Noh, **Nguyen Van Thuan**, The Computational Structural Engineering Institute of Korea, Korea, "*Exact solution for infinite uniform lamina composite beam*", April 12, 2012.

3. **Nguyen Van Thuan**, Hyuk Chun Noh, Ta Duy Hien, 2nd International conference on Computational Design in Engineering, Jeju, Korea, "*Analytical and numerical solutions of functionally graded beams on spring supports*", November 13-15, 2012.

4. Ta Duy Hien, **Nguyen Van Thuan**, Hyuk Chun Noh, Korean Society for Advanced Composite Structures (KOSACS), "*Response of cantilever beam on spatially random elastic modulus*", Jeju, April 24-25, 2014.
5. **Nguyen Van Thuan**, Hyuk Chun Noh, Ta Duy Hien, Korean Society of Civil Engineerings, "*Probabilistic Analysis on the Variability in Natural Frequency of Functionally Graded Material Beams*", pp. 49-50, Daegu, October 22-24, 2014.
6. **Nguyen Van Thuan**, Hyuk Chun Noh, Korean Society of Civil Engineerings, "*Effect of Uncertain Young's Modulus on the Natural Frequency of Functionally Graded Material Beams*", pp. 61-62, Gunsan, October 28-30, 2015.
7. **Nguyen Van Thuan**, Hyuk Chun Noh, Korean Society of Civil Engineerings, "*Use of perturbation method to estimate the uncertainty in eigenvalue of FGM beam*", Jeju, October 20-21, 2016.
8. Ta Duy Hien, **Nguyen Van Thuan**, Hyuk Chun Noh, Structural Engineering and Mechanics, "*Eigen analysis of functionally graded beams with variable cross-section resting on elastic supports and elastic foundation*", Vol. 52, No. 5, Accepted August 31, 2014.
9. **Nguyen Van Thuan**, Hyuk Chun Noh, KSCE Journal of Civil Engineering, "*Investigation into the effect of random material properties on the variability of natural frequency of functionally graded beam*", Vol. 21, No. 4, Accepted May 09, 2016.

AWARDS

1. Woojung education and culture foundation, Korea, 2013, 2014, 2015
2. Significance Statement "*Investigation into the effect of random material properties on the variability of natural frequency of functionally graded beam*", KSCE Journal of Civil Engineering, 2017.