

Huynh Van Vu
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Department of Naval Architecture
Faculty of Transportation Engineering
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EDUCATION

University of Ulsan, Ulsan, Korea
Ph.D. in Naval Architecture, 2008-2011

Nha Trang University, Nha Trang, Vietnam
MSc. in Naval Architecture, 1999 - 2003
B.E. in Mechanical Engineering, 1993-1998

RESEARCH INTERESTS

- Ultimate Longitudinal Strength of Intact Ships or Damaged Ships
- Reliability Analysis
- Structural Impact Analysis
- Structural Buckling Analysis
- Safety Structures
- Ship Production

RESEARCH EXPERIENCE

- “The numerical method applied in lofting the hull structures”, The Nha Trang University Project, TR2002-33-10, 2002 – 2003.
- Design and Fabrication of Drop test machine for academic, TR2012-13-20, 2012 – 2013.

TEACHING RESPONSIBILITY

Undergraduate

- NAA3852 Ship building technology and Project
- NAA3844 Ship structures and Project
- NAA3713 Introduction in Naval Architecture

Graduate

- NAA4801 Simulation of Strength for Ship Structures

PUBLICATIONS and PRESENTATIONS

Journals

Huynh Van Vu, “Probabilistic approach to predicting Residual longitudinal strength of Damaged Double Hull VLCC”, The Korean Society of Ocean Engineers KSOE, 2011.

Presentations

Huynh Van Vu, “Probabilistic assessment of Residual longitudinal strength of damaged ships under combined vertical and horizontal bending moment”, Annual Autumn Meeting of Society of Naval Architects of Korea SNAK, 21st – 22nd October, 2010.

Huynh Van Vu, “Reliability analysis of Residual longitudinal strength of Damaged ships”, Annual Spring Meeting of Society of Naval Architects of Korea SNAK, 2nd – 3rd June, 2011.

Huynh Van Vu, “Effect of longitudinal extents of damage on Residual longitudinal strength of Damaged ships”, Annual Spring Meeting of Society of Naval Architects of Korea SNAK, 2nd – 3rd June, 2011.

Huynh Van Vu, “Probabilistic Method to Generating the Residual Longitudinal Strength of Damaged Ships”, The Asian-Pacific Technical Exchange and Advisory Meeting on Marine Structures, TEAM 2013, 9th – 12th September 2013, Keelung, Taiwan

Huynh Van Vu, “Researching on the effect of random variables to ultimate longitudinal strength of damaged ships”, The 3rd National Conference on Science and Technology in Mechanical, Hanoi, 05th April 2013.