

Huynh Van Vu
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Naval Architecture Department
Faculty of Transportation Engineering
02 Nguyen Dinh Chieu Str., Nha Trang City, Vietnam

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

- Design 6 models of composite fishing boats, Directorate of Fisheries – Ministry of Agriculture and Rural Development, 2016
- Survey to Khanh Hoa fishermen, Expert team on Energy Efficiency Operation of Ships, JCM Project – Japan, 2014.
- Design and Fabrication of Drop test machine for academic, TR2012-13-20, 2012 – 2013.
- The numerical method applied in lofting the hull structures, TR2002-33-10, 2002 – 2003.

TEACHING RESPONSIBILITY

Undergraduate

- Ship building technology and Project
- Ship structures and Project
- Introduction to Naval Architecture

Graduate

- Simulation of Strength for Ship Structures
- Reliability Theory
- Advanced Welding Technology

PUBLICATIONS and PRESENTATIONS

Books (in Vietnamese):

- Materials Engineering, 2016
- Failure of Engineering Materials, 2016

Journals (in English)

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

Huynh Van Vu, Prediction the ultimate longitudinal strength of intact ship by finite element method, International Journal of Mechanical Engineering and Applications, 2015

Presentations (in English)

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, “The non-linear FEM approach to obtain a Residual longitudinal strength of damaged ship”, The Asian-Pacific Technical Exchange and Advisory Meeting on Marine Structures, TEAM 2014, 13th – 16th October 2014, Istanbul, Turkey.