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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAT-1316-2020

Yoksis Researcher ID: 229165

Education Information

Doctorate, Osaka Prefectural University, Graduate School of Engineering, Department of Marine System Engineering, Japan 2022 - 2023

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey 2017 - 2023

Postgraduate, Karadeniz Technical University, Sürmene Deniz Bilimleri Fakültesi, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği Ana Bilim Dalı, Turkey 2014 - 2017

Undergraduate, Karadeniz Technical University, Sürmene Deniz Bilimleri Fakültesi, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği Bölümü, Turkey 2009 - 2014

Foreign Languages

Spanish, B1 Intermediate

Japanese, A1 Beginner

English, C1 Advanced

Research Areas

Naval Architecture and Marine Engineering, Ship Hydromechanics, Ship Construction, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Karadeniz Technical University, Sürmene Deniz Bilimleri Fakültesi, Gemi İnşaatı ve Gemi Makineleri Mühendisliği, 2023 - Continues

Research Assistant, Karadeniz Technical University, Sürmene Deniz Bilimleri Fakültesi, Gemi İnşaatı ve Gemi Makineleri Mühendisliği, 2015 - 2023

Academic and Administrative Experience

Deputy Head of Department, Karadeniz Technical University, Sürmene Deniz Bilimleri Fakültesi, Gemi İnşaatı ve Gemi Makineleri Mühendisliği, 2024 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Experimental and numerical investigation on the influence of bilge keel shape on roll damping**
Çopuroğlu H. İ., Peşman E., Katayama T.
Marine Structures, vol.100, pp.1-19, 2025 (SCI-Expanded)
- II. **The effect of a ship's acceleration and deceleration on parametric roll motion in regular head waves at resonance conditions**
Pesman E., Copuroglu H. İ., Katayama T.
OCEAN ENGINEERING, vol.291, 2024 (SCI-Expanded)
- III. **Ship staff wind comfort and wind safety in the walkways of containerships and case study for a feeder containership**
ÇOPUROĞLU H. İ., PEŞMAN E.
SHIPS AND OFFSHORE STRUCTURES, vol.17, no.4, pp.920-938, 2022 (SCI-Expanded)
- IV. **Analysis of Flettner Rotor ships in beam waves**
ÇOPUROĞLU H. İ., PEŞMAN E.
OCEAN ENGINEERING, vol.150, pp.352-362, 2018 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Effects of the Bilge Keel Shape on Roll Damping**
Çopuroğlu H. İ., Peşman E., Katayama T., Yoshida N., Kinugasa M.
PROCEEDINGS OF 4th INTERNATIONAL NAVAL ARCHITECTURE AND MARITIME SYMPOSIUM , İstanbul, Turkey, 11 - 13 October 2023, vol.1, no.1, pp.857-867
- II. **Experimental and numerical investigation of viscous effects on parametric roll motion**
Çopuroğlu H. İ., Peşman E., Katayama T.
International Ship Stability Workshop, 11-13 September 2023, Istanbul, İstanbul, Turkey, 11 - 13 September 2023, pp.1-7
- III. **Assessment of second-generation intact stability criteria and case study for a Ro-Ro ship**
Çopuroğlu H. İ., Peşman E., Taylan M.
International Ship Stability Workshop, 11-13 September 2023, Istanbul, İstanbul, Turkey, 11 - 13 September 2023, pp.1-6
- IV. **A Numerical Study on Aerodynamics Characteristics of a Feeder Container Ship**
ÇOPUROĞLU H. İ., PEŞMAN E.
INT-NAM 2018 3rd International Symposium on Naval Architecture and Maritime, İstanbul, Turkey, 24 - 25 April 2018
- V. **Analysis of energy production efficiency of an owc wave energy converter**
ŞENER M. Z., ÇOPUROĞLU H. İ., PEŞMAN E., ÖZMEN Y.
IV. Uluslararası Katılımlı Anadolu Enerji Sempozyumu, Edirne, Turkey, 18 - 20 April 2018, pp.1-7
- VI. **Kıyı Tipi Dalga Enerjisinden Elektrik Üretim Sistemlerinin Dolgu Alanlarında Kullanılabilirliğinin Araştırılması**
ÇOPUROĞLU H. İ., PEŞMAN E.
International Congress of the New Approaches and Technologies for Sustainable Development, Isparta, Turkey, 21 - 24 September 2017, pp.417
- VII. **Çift dümen etrafındaki akış karakteristiklerinin sayısal incelenmesi**
ÖZMEN Y., PEŞMAN E., ŞENER M. Z., ÇOPUROĞLU H. İ.
ULIBTK'17, 21. Ulusal Isı Bilimi ve Tekniği Kongresi, Çorum, Turkey, 13 - 16 September 2017, vol.1, pp.271-277
- VIII. **A comparison of loading conditions effects on the vertical motions of turret-moored FPSO**
Erkurtulmus S., PEŞMAN E., ÇOPUROĞLU H. İ.
International Conference on Marine Navigation and Safety of Sea Transportation: Safety of Sea Transportation, TRANSSAV 2017, Gdynia, Poland, 21 - 23 June 2017, pp.243-248

IX. A Study on Aerodynamic Effects of Superstructures Shapes by using CFD

ÇOPUROĞLU H. İ., PEŞMAN E.

GMO-SHIPMAR 2016, İstanbul, Turkey, 8 - 09 December 2016, pp.1-11

X. CFD analysis of Flettner Rotor ships and performance determination based on simulation environment

ÇOPUROĞLU H. İ., PEŞMAN E., ÖZKÖK M.

The second global conference on innovation in marine technology and the future of maritime transportation, Muğla, Turkey, 24 - 25 October 2016, pp.1-11

Supported Projects

KÖSE E., PEŞMAN E., ŞENER M. Z., ÇOPUROĞLU H. İ., Project Supported by Higher Education Institutions, Gemilerde Yaralı Stabilitenin Deneysel ve Sayısal Olarak İncelenmesi, 2021 - 2024

Patent

A System for Stability Control on Ship, Patent, CHAPTER F Mechanical engineering; Lighting; Heating; Weaponry; Destroyed Materials, The Invention Registration Number: JP2024508071A , Standard Registration, 2024

Peşman E., Şener M. Z., Çopuroğlu H. İ., Ölmez H., Gemilerde Denge Kontrolüne İlişkin Bir Sistem, Patent, CHAPTER F Mechanical engineering; Lighting; Heating; Weaponry; Destroyed Materials, The Invention Registration Number: 2022 014109 , Standard Registration, 2023

Metrics

Publication: 14

Citation (WoS): 19

Citation (Scopus): 22

H-Index (WoS): 2

H-Index (Scopus): 2

Scholarships

2214-A, TUBITAK, 2022 - 2022

Non Academic Experience

Business Establishment Private, Antalya Gemi Mühendislik Ltd. Şti.

Antalya Gemi Mühendislik Hizmetleri Ltd. Şti.