Assist.Prof. ALİ ERİNÇ ÖZDEN
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1. **Name** : Ali Erinç Özden

2. **Birth Date** : 18.07.1980

3. **Academic Title** : Assistant Professor

4. **Education:**

DATES	DEGREE	UNIVERSITY	DEPARTMENT
1997-2002	BS	Istanbul Technical University	Mathematics Engineering
2002-2005	MS	Istanbul Technical University	Mathematics Engineering
2012-2015	PhD	Işık University	Mathematics

5. Academic Titles

YEAR	TITLE	UNIVERSITY	DEPARTMENT
2020-	Assistant Professor	Işık University	Mathematics
2016- 2020	Lecturer	Işık University	Mathematics

6. Supervised MS and PhD Theses

7. Publications

7. 1. Journal Publications (SCI-Expanded)

1. A.E. Ozden and H. Demiray, Re-visiting the head-on collision problem between two solitary waves in shallow water, *International Journal of Non-Linear Mechanics*, **69**, 66-70, 2015, DOI: 10.1016/j.ijnonlinmec.2014.11.022.
2. A.E. Ozden and H. Demiray, On head-on collision between two solitary waves in shallow water: the use of the extended PLK method, *Nonlinear Dynamics*, **82**, 73-84, 2015, DOI: 10.1007/s11071-015-2139-5.

7. 2. Journal Publications (Non SCI-Expanded)

1. E. Ozden, G. Unal, Linearization of second-order jump-diffusion equations, *International Journal of Dynamics and Control*, **1(1)**, 60-63, 2013, DOI: 10.1007/s40435-013-0008-y.
2. A.E. Ozden and H. Demiray, Head-on collision of the solitary waves in fluid-filled elastic tubes, *Turkish World Mathematical Society Journal of Applied and Engineering Mathematics*, **8(2)**, 386-398, 2018. (Indexed in **ESCI**)

7.3. International Conference Papers

1. A.E. Ozden and H. Demiray, Re-visiting the head-on collision problem between two solitary waves in shallow water, *EFMC11: 11th European Fluid Mechanics Conference*, Sevilla, Spain, September 12-16, 2016.
2. H.S. Kim, E. Ozden and J. Lee, Validation of Pack Ice Resistance in Oblique Condition by the Comparison With Ice Model Test Results, *ASME 2019: 38th International Conference on Ocean, Offshore and Arctic Engineering*, Glasgow, Scotland, UK, June 9–14, 2019, DOI: 10.1115/OMAE2019-95689.
3. H.S. Kim and E. Ozden, Study on Estimation of Ice Resistance and an Attainable Speed in Oblique Condition, *ISOPE-2019: The 29th International Ocean and Polar Engineering Conference*, Honolulu, Hawaii, USA, June 16-21, 2019.
4. H.S. Kim, D. Han and A.E. Ozden, Study on Estimation of Ice Resistance and Attainable Speed for Ship of Arbitrary Shape, *PRADS-2019: The 14th International Symposium on Practical Design of Ships and Other Floating Structures*, Yokohama, Japan, September 22-26, 2019

7.4. Book Chapters

7.5. National Journal Publications

7.6. National Conference Papers

7.7. Other Publications

8. Research Projects

9. Administrative Positions and Employment History

9.1. Administrative Positions

9.2. Employment History

DATES	TITLE	UNIVERSITY/ INSTUTION	DEPARTMENT
2002-2015	Research Assistant	Işık University	Mathematics
2016-2018	Lecturer	Işık University	Mathematics
2018-2019	Postdoc Researcher	Inha University	Naval Architecture & Ocean Engineering
2019-2020	Lecturer	Işık University	Mathematics
2020-	Assistant Professor	Işık University	Mathematics

10. Scientific and Professional Membership

11. Awards and Honours

1. Yeditepe University Department of Mathematics Full Tuition Scholarship Award (2005)
2. Işık University Department of Mathematics Full Tuition Scholarship Award (2012)
3. "Re-visiting the head-on collision problem between two solitary waves in shallow water" was identified as a Key Scientific Article contributing to excellence in engineering, scientific and industrial research by Advances In Engineering (advanceseng.com) (2015)
4. "On head-on collision between two solitary waves in shallow water: the use of the extended PLK method" was identified as a Key Scientific Article contributing to excellence in engineering, scientific and industrial research by Advances In Engineering (advanceseng.com) (2015)

12. Courses Taught (Last Two Years)

1. Calculus 1
2. Calculus 2
3. Mathematics 1
4. Mathematics 2
5. Introduction to Mathematical Engineering

13. Other Academic and Scientific Activities

13.1. Reviewer Activities (SCI-Expanded Journals)

13.2. Editorship (SCI-Expanded Journals)

14. Research Interests

1. Nonlinear Waves
2. Solitary Wave Interactions
3. Perturbation Methods
4. Continuum Mechanics