



DR. ALİ ERİNÇ ÖZDEN
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- 1. Name** : Ali Erinç Özden
- 2. Birth Date** : 18.07.1980
- 3. Academic Title** : Lecturer
- 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
2016	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.

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.

3. A.E. Ozden and H. Demiray, Head-on collision of the solitary waves in fluid-filled elastic tubes, 2015 (submitted)

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.

7.3. International Conference Papers

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/ INSTITUTION	DEPARTMENT
2002-2015	Research Assistant	Işık University	Mathematics
2016-	Lecturer	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)

- * Mathematics I-II
- * Calculus I

13. Other Academic and Scientific Activities

13.1. Reviewer Activities (SCI-Expanded Journals)

13.2. Editorship (SCI-Expanded Journals)

13.3. Conference Presentation

* EFMC11: 11th European Fluid Mechanics Conference, September 2016, Seville, SPAIN

Title: Re-visiting the head-on collision problem between two solitary waves in shallow water

14. Research Interests

- * Nonlinear Waves
- * Solitary Wave Interactions
- * Perturbation Methods
- * Continuum Mechanics