

Asst. Prof. NEŞE ÖZDEMİR

Personal Information

Email: nese.ozdemir@marmara.edu.tr

Web: <https://avesis.marmara.edu.tr/15631>

Education

Undergraduate, Marmara University, Faculty Of Arts And Sciences, Mathematics, Turkey 2008 - 2012

Dissertations

Postgraduate, İki tabakalı elastik bir ortamda nonlinear SH dalgalarının harmonik rezonans incelemesi, Istanbul Technical University, Fen Bilimleri Enstitüsü, 2015

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Evolution of Nonlinear Periodic Waves in the Focusing and Defocusing Cylindrical Modified Korteweg-de Vries Equations**
Özdemir N., Demirci A., Ahmetolan S.
International Journal of Theoretical Physics, vol.63, no.12, 2024 (SCI-Expanded)
- II. **SH waves in a weakly inhomogeneous half space with a nonlinear thin layer coating**
Ahmetolan S., Demirci A., Peker A., Özdemir N.
Zeitschrift fur Angewandte Mathematik und Physik, vol.75, no.2, 2024 (SCI-Expanded)
- III. **Undular bores in the (3+1) dimensional mKP equation**
Özdemir N., Demirci A., Ahmetolan S.
Physics Letters, Section A: General, Atomic and Solid State Physics, vol.483, 2023 (SCI-Expanded)

Articles Published in Other Journals

- I. **HARMONIC RESONANCE PHENOMENA ON NONLINEAR SH WAVES**
Ahmetolan S., Özdemir N., Peker A., Demirci A.
Turkish World Mathematical Society Journal of Applied and Engineering Mathematics, vol.13, no.2, pp.409-424, 2023 (ESCI)

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Dispersive Shock Waves in the Cylindrical modified Korteweg de-Vries equation**
DEMİRCİ A., ÖZDEMİR N., AHMETOLAN S.
ICAMLS18 International Conference on Applied Mathematics, Modeling and Life Sciences, 3 - 05 October 2018, pp.58, (Summary Text)
- II. **Silindirik Modifiye Korteweg de-Vries Denkleminin Dispersif Şok Dalga Çözümleri**
DEMİRCİ A., AHMETOLAN S., ÖZDEMİR N.

31. Ulusal Matematik Sempozyumu, Turkey, 12 - 15 September 2018, pp.82, (Summary Text)

Metrics

Publication: 6