

Asst. Prof. GÜLER BAŞAK ÖZNUR

Personal Information

Email: basakoznur@gazi.edu.tr

Web: <https://avesis.gazi.edu.tr/11507>

International Researcher IDs

ORCID: 0000-0003-4130-5348

Publons / Web Of Science ResearcherID: AHD-2956-2022

Yoksis Researcher ID: 306572

Education Information

Doctorate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 2016 - Continues

Postgraduate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 2013 - 2016

Undergraduate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 2008 - 2012

Dissertations

Postgraduate, Sturm-Liouville operatörü için saçılım teorisi, Ankara University, Fen Fakültesi, Matematik Bölümü, 2015

Academic Titles / Tasks

Research Assistant, Gazi University, Fen Fakültesi, Matematik Bölümü, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Impulsive discrete Dirac equation with spectral parameter**
Öznur G. B., Aygar Küçükevcilioğlu Y., Bayram E.
FILOMAT, vol.38, no.22, pp.7673-7682, 2024 (SCI-Expanded)
- II. **A Study of the scattering analysis of the multiplicative Sturm-Liouville problem**
Öznur G. B., Özbey G. G., Aygar Küçükevcilioğlu Y., Aktaş Karaman R.
TURKISH JOURNAL OF MATHEMATICS, vol.48, no.3, pp.608-622, 2024 (SCI-Expanded)
- III. **An examination of boundary value transmission problem with quadratic spectral parameter**
Öznur G. B., Aygar Küçükevcilioğlu Y., Aral N. D.
Quaestiones Mathematicae, vol.45, no.1, pp.1-15, 2022 (SCI-Expanded)
- IV. **Scattering theory of the quadratic eigenparameter depending impulsive Sturm-Liouville equations**
ÖZNUR G. B., Bairamov E.
TURKISH JOURNAL OF MATHEMATICS, vol.46, no.1, pp.406-415, 2021 (SCI-Expanded)
- V. **Scattering Properties of Eigenparameter-Dependent Impulsive Sturm-Liouville Equations**
Bayram E., Aygar Küçükevcilioğlu Y., Öznur G. B.
Bulletin Of The Malaysian Mathematical Sciences Society, vol.43, pp.2769-2781, 2019 (SCI-Expanded)
- VI. **Scattering Theory of Impulsive Sturm-Liouville Equations**
Bayram E., Aygar Küçükevcilioğlu Y., Öznur G. B.
Filomat, vol.31, pp.5401-5409, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Discrete Sturm-Liouville equations with point interaction**
Özbey G. G., AYGAR KÜÇÜKEVCİLİOĞLU Y., ÖZNUR G. B.
Journal of Analysis, vol.32, no.3, pp.1725-1737, 2024 (ESCI)
- II. **A Study of The Scattering Properties of Eigenparameter- Dependent Matrix Difference Operator With Transmission Condition**
ÖZNUR G. B., AYGAR KÜÇÜKEVCİLİOĞLU Y.
KRAGUJEVAC JOURNAL OF MATHEMATICS, vol.50, no.3, pp.479-489, 2024 (ESCI)
- III. **Miscellaneous properties of Sturm-Liouville problems in multiplicative calculus**
Öznur G. B., Özbey G. G., Aygar Küçükercilioğlu Y., Aktaş Karaman R.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.72, no.4, pp.1141-1154, 2023 (ESCI)
- IV. **Quantum Difference Problem with Point Interaction**
Aygar Küçükercilioğlu Y., Özbey G. G., Öznur G. B.
Konuralp Journal of Mathematics, vol.11, no.2, pp.218-228, 2023 (Peer-Reviewed Journal)
- V. **Spectral Analysis of A Difference Equation With Interface Conditions And Hyperbolic Eigenparameter on The Whole Axis**
Öznur G. B., Aygar Küçükercilioğlu Y.
NOTE DI MATEMATICA, vol.2, pp.67-80, 2023 (ESCI)
- VI. **Some Spectral And Scattering Properties of Generalized Eigenparameter Dependent Discrete Transmission Sturm-Liouville Equation**
Özbey G. G., ÖZNUR G. B., AYGAR KÜÇÜKEVCİLİOĞLU Y., KÖPRÜBAŞI T.
Honam Mathematical Journal, vol.45, pp.457-470, 2023 (ESCI)
- VII. **Matrix Difference Equations with Jump Conditions and Hyperbolic Eigenparameter**
Aygar Küçükercilioğlu Y., Öznur G. B.
Acta Mathematica Universitatis Comenianae, no.-, pp.1-11, 2022 (ESCI)
- VIII. **Scattering Function and The Resolvent of The Impulsive Boundary Value Problem**
Bayram E., Öznur G. B.
Gazi University Journal of Science, vol.34, no.4, pp.1077-1087, 2021 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **A Study of Scattering Theory of Eigenparameter-Dependent Impulsive Sturm-Liouville Equation With Matrix Coefficients**
Öznur G. B.
Third International Conference on Applied Mathematics in Engineering, Balıkesir, Turkey, 26 June 2024, pp.149
- II. **Spectral and Scattering Properties of Eigenparameter-Dependent Discrete Dirac Equation With Point Interaction**
Aygar Küçükercilioğlu Y., Öznur G. B.
INTERNATIONAL SYMPOSIUM ON APPLIED MATHEMATICS AND ENGINEERING, İstanbul, Turkey, 21 - 23 January 2022, pp.55-56
- III. **Impulsive Discrete Dirac Equation with Spectral Parameter**
Öznur G. B., Bayram E., Aygar Küçükercilioğlu Y.
The Second International Conference on Applied Mathematics in Engineering (ICAME2021), Balıkesir, Turkey, 1 - 03 September 2021, pp.58
- IV. **Discrete Sturm-Liouville Equation with Point Interaction**
Aygar Küçükercilioğlu Y., Öznur G. B.
The Second International Conference on Applied Mathematics in Engineering(ICAME2021), Balıkesir, Turkey, 1 - 03 September 2021, pp.57

- V. **Resolvent operator of Sturm-Liouville equation with impulsive conditions on semi axis**
Öznur G. B., Bayram E.
5 th International Conference of Mathematical Sciences (ICMS 2021), İstanbul, Turkey, 23 - 27 June 2021, pp.38
- VI. **Scattering Function of the Quadratically Eigenparameter Depending Impulsive Sturm-Liouville Equations**
BAYRAM E., ÖZNUR G. B.
International E-Conference on Mathematical Advances and Application (ICOMAA-2020), 24 - 27 June 2020
- VII. **Properties of Scattering Solutions, Scattering Functions and Spectrum of Eigenparameter Dependent Impulsive Sturm-Liouville Equations**
BAYRAM E., AYGAR KÜÇÜKEVCİLİOĞLU Y., ÖZNUR G. B.
6th International Conference on Control and Optimization with Industrial Applications (COIA 2018), 11 - 13 July 2018
- VIII. **Impulsive Sturm-Liouville Denklemlerin Saçılım Teorisi**
BAYRAM E., ÖZNUR G. B.
14. Ankara Matematik Günleri Sempozyumu, Turkey, 28 - 29 June 2019
- IX. **Scattering Solutions of Impulsive Sturm-Liouville Equations**
BAYRAM E., AYGAR KÜÇÜKEVCİLİOĞLU Y., ÖZNUR G. B.
International Workshop on Mathematical Methods in Engineering (MME2017), 27 - 29 April 2017
- X. **İmpulsive Sturm-Liouville Denklemlerin Saçılım Çözümleri**
BAYRAM E., ÖZNUR G. B.
12. Ankara Matematik Günleri Sempozyumu, Turkey, 25 - 26 May 2017

Metrics

Publication: 24