

## Lect. PhD GÜHER GÜLÇEHRE ÖZBEY

### Personal Information

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### International Researcher IDs

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ScopusID: 57222668470

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### Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Turkey 2017 - 2023

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Turkey 2015 - 2017

Undergraduate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 2010 - 2014

### Dissertations

Postgraduate, Sınır koşullarında spektral parametre bulunduran nonselfadjoint  $q$ -fark denkleminin spektral analizi, Ankara University, Fen Bilimleri Enstitüsü, 2017

### Research Areas

Mathematics

### Academic Titles / Tasks

Lecturer, Middle East Technical University, Presidency Office, 2022 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A Study of the scattering analysis of the multiplicative Sturm-Liouville problem**  
ÖZNUR G. B., ÖZBEY G. G., Kucukevcilioglu Y. A., Karaman R. A.  
TURKISH JOURNAL OF MATHEMATICS, vol.48, no.3, pp.608-622, 2024 (SCI-Expanded)
- II. **Scattering analysis of a quantum impulsive boundary value problem with spectral parameter**  
AYGAR KÜÇÜKEVCİLİOĞLU Y., ÖZBEY G. G.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.51, no.1, pp.142-155, 2022 (SCI-Expanded)
- III. **On the spectral and scattering properties of eigenparameter dependent discrete impulsive Sturm-Liouville equations**  
AYGAR KÜÇÜKEVCİLİOĞLU Y., BAYRAM E., ÖZBEY G. G.  
TURKISH JOURNAL OF MATHEMATICS, vol.45, no.2, pp.988-1000, 2021 (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. **MISCELLANEOUS PROPERTIES OF STURM-LIOUVILLE PROBLEMS IN MULTIPLICATIVE CALCULUS**  
ÖZNUR G. B., ÖZBEY G. G., AYGAR KÜÇÜKEVCİLİOĞLU Y., Karaman R. A.  
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS,  
vol.72, no.4, pp.1141-1154, 2023 (ESCI)
- III. **Quantum Difference Problem with Point Interaction**  
Aygaz Küçükevçilioğlu Y., Özbey G. G., Öznur G. B.  
Konuralp Journal of Mathematics, vol.11, no.2, pp.218-228, 2023 (Peer-Reviewed Journal)
- IV. **SOME SPECTRAL AND SCATTERING PROPERTIES OF GENERALIZED EIGENPARAMETER DEPENDENT DISCRETE TRANSMISSION STURM-LIOUVILLE EQUATION**  
ÖZBEY G. G., ÖZNUR G. B., AYGAR KÜÇÜKEVCİLİOĞLU Y., Koprubasi T.  
HONAM MATHEMATICAL JOURNAL, no.3, pp.457-470, 2023 (ESCI)
- V. **Spectral Properties Of A Discrete Sturm-Liouville Equation**  
AYGAR KÜÇÜKEVCİLİOĞLU Y., Ozbey G. G.  
APPLIED MATHEMATICS E-NOTES, vol.40, pp.755-781, 2020 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **SPECTRAL PROPERTIES AND SCATTERING PROBLEMS OF EIGENPARAMETER DEPENDENT DISCRETE IMPULSIVE STURM-LIOUVILLE EQUATIONS**  
AYGAR KÜÇÜKEVCİLİOĞLU Y., BAYRAM E., ÖZBEY G. G.  
6th International Conference on Control and Optimization with Industrial Applications (COIA), Baku, Azerbaijan, 11 - 13 July 2018, pp.113-115

## Metrics

Publication: 9

Citation (WoS): 15

Citation (Scopus): 19

H-Index (WoS): 1

H-Index (Scopus): 2

## Scholarships

2211/A Yurtiçi Doktora Burs Programı, TÜBİTAK, 2020 - 2023