

Res. Asst. PhD GÖKHAN MUTLU

Personal Information

Office Phone: [+90 312 202 1086](tel:+903122021086)

Email: gmutlu@gazi.edu.tr

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

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2013 - 2018

Post Graduate, Gazi University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 2011 - 2013

Under Graduate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 2006 - 2010

Foreign Languages

English, C2 Proficiency

Dissertations

Doctorate, Operatör Katsayılı Kendine Eş Olmayan Sturm-Liouville Operatörünün Spektral Teorisi, Gazi University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2018

Post Graduate, Örtü dönüşümleri grupları, Gazi University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2013

Research Areas

Functional Analysis, Operators

Academic Titles / Tasks

Research Assistant, Gazi University, Fen Fakültesi, Matematik Bölümü, 2011 - Continues

Courses

MATHEMATİCS I, Under Graduate, 2020 - 2021

Complex Analysis, Under Graduate, 2019 - 2020

MATEMATİK I, Under Graduate, 2019 - 2020

MATEMATİK II, Under Graduate, 2018 - 2019

FARK DENKLEMLERİ, Under Graduate, 2018 - 2019

REEL ANALİZ, Under Graduate, 2018 - 2019

MATHEMATICS I, Under Graduate, 2019 - 2020

MATEMATİK, Under Graduate, 2019 - 2020

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Spectral properties of non-selfadjoint Sturm-Liouville operator equation on the real axis**
MUTLU G., KIR ARPAT E.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.49, no.5, pp.1686-1694, 2020 (Journal Indexed in SCI)
- II. **Spectral properties of non-selfadjoint Sturm Liouville operator with operator coefficient**
Bairamov E., Arpat E., MUTLU G.
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.456, no.1, pp.293-306, 2017 (Journal Indexed in SCI)
- III. **Spectral properties of Sturm-Liouville system with eigenvalue-dependent boundary conditions**
KIR ARPAT E., MUTLU G.
INTERNATIONAL JOURNAL OF MATHEMATICS, vol.26, no.10, 2015 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **ASSOCIATED FUNCTIONS OF NON-SELFADJOINT STURM-LIOUVILLE OPERATOR WITH OPERATOR COEFFICIENT**
MUTLU G.
TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS, vol.11, no.1, pp.113-121, 2021 (Journal Indexed in ESCI)
- II. **Spectral Analysis of Non-selfadjoint Second Order Difference Equation with Operator Coefficient**
MUTLU G., KIR ARPAT E.
Sakarya University Journal of Science, vol.24, no.3, pp.501-507, 2020 (Refereed Journals of Other Institutions)
- III. **SPECTRAL PROPERTIES OF THE SECOND ORDER DIFFERENCE EQUATION WITH SELFADJOINT OPERATOR COEFFICIENTS**
MUTLU G.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.69, no.1, pp.88-96, 2020 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Spectral Analysis of Non-selfadjoint Matrix Schrödinger Operator on the Half-line with General Boundary Conditions at Origin**
MUTLU G.
4th International Conference on Mathematics, İstanbul, Turkey, 27 - 30 October 2020
- II. **EIGENVALUES OF THE SELFADJOINT SCHRÖDINGER OPERATOR ON NON-COMPACT STAR GRAPH**
MUTLU G.
International Conference on Mathematics and Its Applications in Science and Engineering (ICMASE 2020), Ankara, Turkey, 9 - 10 July 2020
- III. **Non-selfadjoint Sturm-Liouville Operatör Denkleminin Esas Fonksiyonlar**
MUTLU G.
14. Ankara Matematik Günleri, Ankara, Turkey, 28 - 29 June 2019
- IV. **Discrete Spectrum of the Discrete Sturm-Liouville Operator Equation**
MUTLU G.
6th International Symposium on Academic Studies in Science, Engineering and Architecture Sciences, Ankara, Turkey, 13 - 15 June 2019
- V. **Spectral Analysis of Non-selfadjoint Sturm-Liouville Operator on the Real Line with Operator Coefficient**

MUTLU G., BAYRAM E., KIR ARPAT E.

The 3rd International Conference on Natural Science and Applied Mathematics(ICNSAM 2018), 15 - 18 June 2018

VI. **Spectral Properties of Non-selfadjoint Sturm-Liouville Operator with Operator Coefficient**

BAYRAM E., KIR ARPAT E., MUTLU G.

INTERNATIONAL WORKSHOP ON MATHEMATICAL METHODS IN ENGINEERING, 27 - 29 April 2017

Citations

Total Citations (WOS):7

h-index (WOS):2