

Prof. UĞUR GÜL

Personal Information

Email: gulugur@hacettepe.edu.tr

Web: <https://avesis.hacettepe.edu.tr/gulugur>

Education Information

Post Doctorate, Sabanci University, Mdbf, Matematik, Turkey 2010 - 2011

Post Doctorate, University of Virginia, Faculty Of Arts And Sciences, Mathematics, United States Of America 2009 - 2010

Post Doctorate, Sabanci University, Mdbf, Matematik, Turkey 2007 - 2008

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Matematik, Turkey 2002 - 2007

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Matematik, Turkey 1999 - 2002

Undergraduate, Middle East Technical University, Fen Fakültesi, Matematik, Turkey 1995 - 1999

Foreign Languages

French, B2 Upper Intermediate

Spanish, A1 Beginner

English, C1 Advanced

Dissertations

Doctorate, Spectral Theory of Composition Operators acting on the Hardy Spaces of the Unit Disc and of the Upper Half-Plane, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, 2007

Postgraduate, Schröder's functional equation and growth properties of Koenigs' eigenfunctions, Orta Doğu Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Restoratif Dış Tedavisi A.B.D., 2002

Research Areas

Mathematics, Functional Analysis, Operators, Abstract Harmonic Analysis, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2013 - 2015

Lecturer, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2011 - 2013

Advising Theses

Gül U., Helson-Beurling Teoremi ve Uygulamaları, Postgraduate, G.TAŞ(Student), 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Fredholm criteria in a C^* -algebra acting on the Hardy space of the bi-disc with applications to composition operators**
GÜL U., Koca B. B.
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.477, no.1, pp.163-173, 2019 (SCI-Expanded)
- II. **An Invertibility Criterion in a C^* -Algebra Acting on the Hardy Space with Applications to Composition Operators**
GÜL U., Koca B. B.
MEDITERRANEAN JOURNAL OF MATHEMATICS, vol.15, no.6, 2018 (SCI-Expanded)
- III. **Quasi-parabolic Composition Operators on Weighted Bergman Spaces**
GÜL U.
COMPLEX ANALYSIS AND OPERATOR THEORY, vol.12, no.1, pp.55-79, 2018 (SCI-Expanded)
- IV. **ON THE C^* -ALGEBRA GENERATED BY TOEPLITZ OPERATORS AND FOURIER MULTIPLIERS ON THE HARDY SPACE OF A LOCALLY COMPACT GROUP**
Gul U.
JOURNAL OF OPERATOR THEORY, vol.73, no.2, pp.533-546, 2015 (SCI-Expanded)
- V. **Parabolic Non-Automorphism Induced Toeplitz-Composition C^* -Algebras with Piece-wise Quasi-Continuous symbols**
Gul U.
COMPLEX ANALYSIS AND OPERATOR THEORY, vol.8, no.1, pp.111-127, 2014 (SCI-Expanded)
- VI. **ESSENTIAL SPECTRA OF QUASI-PARABOLIC COMPOSITION OPERATORS ON HARDY SPACES OF THE POLY-DISC**
Gul U.
OPERATORS AND MATRICES, vol.7, no.4, pp.927-946, 2013 (SCI-Expanded)
- VII. **On almost contractions in partially ordered metric spaces via implicit relations**
GÜL U., Karapinar E.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2012 (SCI-Expanded)
- VIII. **Essential spectra of quasi-parabolic composition operators on Hardy spaces of analytic functions**
Gul U.
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.377, no.2, pp.771-791, 2011 (SCI-Expanded)
- IX. **Essential Spectra of Composition Operators on the Space of Bounded Analytic Functions**
GÜL U.
TURKISH JOURNAL OF MATHEMATICS, vol.32, no.4, pp.475-480, 2008 (SCI-Expanded)

Articles Published in Other Journals

- I. **Stone Weierstrass Yaklaşım Teoremi**
GÜL U.
Matematik Dünyası, pp.56-62, 2015 (Peer-Reviewed Journal)
- II. **Rastgele iki tamsayının aralarında asal olma ihtimali**
GÜL U.
Matematik Dünyası, pp.49-53, 2015 (Peer-Reviewed Journal)

Supported Projects

GÜL U., Project Supported by Higher Education Institutions, Hilbert Fonksiyon Uzayları, 2017 - 2018

GÜL U., Project Supported by Higher Education Institutions, Çoklu Disk'in Hardy Uzayı Üzerinde Parabolikimsi Bileşke Operatörlerinin Spektral Teorisi, 2015 - 2017

GÜL U., Project Supported by Higher Education Institutions, Fonksiyon Teorisi ve Karmaşık Değişkenler Çalıştayı, 2013 - 2015

Metrics

Publication: 11
Citation (WoS): 15
Citation (Scopus): 19
H-Index (WoS): 2
H-Index (Scopus): 2

Non Academic Experience

Sabancı Üniversitesi
Virjinya Üniversitesi(ABD)
Sabancı Üniversitesi