

# Prof. UĞUR GÜL

## Personal Information

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## 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

## **Metrics**

Publication: 11

Citation (WoS): 15

Citation (Scopus): 19

H-Index (WoS): 2

H-Index (Scopus): 2