

# Prof. Ekrem KADIOĞLU

## Personal Information

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## International Researcher IDs

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## Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Turkey 1986 - 1990

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Turkey 1984 - 1986

Undergraduate, Ataturk University, Fen Fakültesi, Turkey 1978 - 1982

## Foreign Languages

English, B1 Intermediate

## Dissertations

Doctorate, Bir G Bölgesi Üzerindeki Analitik Fonksiyonlar Halkasının Althalkaları, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, 1990

Postgraduate, Cisim Genişlemeleri ve Galois Grupları, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, 1986

## Research Areas

Mathematics, Functions of a Complex Variable, Natural Sciences

## Academic Titles / Tasks

Professor, Ataturk University, Fen Fakültesi, Matematik, 2005 - Continues

Associate Professor, Ataturk University, Fen Fakültesi, Matematik, 2000 - 2005

Assistant Professor, Ataturk University, Fen Fakültesi, Matematik, 1990 - 2000

Research Assistant, Ataturk University, Fen Fakültesi, Matematik, 1984 - 1990

## Academic and Administrative Experience

Atatürk Üniversitesi, Fen Fakültesi, Matematik, 2011 - Continues

Head of Department, Ataturk University, Fen Fakültesi, Matematik, 2017 - 2018

Vice Rector, Agri Ibrahim Cecen University, 2008 - 2008

Dean, Agri Ibrahim Cecen University, Faculty Of Education, 2008 - 2008

Atatürk Üniversitesi, Fen Fakültesi, Matematik, 2003 - 2008

Atatürk Üniversitesi, Fen Fakültesi, Matematik, 2002 - 2005

Atatürk Üniversitesi, Fen Fakültesi, Matematik, 2002 - 2005

Atatürk Üniversitesi, Fen Fakültesi, Matematik, 2002 - 2003

Atatürk Üniversitesi, Fen Fakültesi, Matematik, 1995 - 2002

## Courses

Kompleks Değişkenli Fonksiyonlar I, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Matematik II, Undergraduate, 2023 - 2024, 2021 - 2022, 2019 - 2020

Kompleks Fonksiyonlar Teorisi II, Undergraduate, 2023 - 2024, 2022 - 2023, 2019 - 2020

Lineer Programlama, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Kompleks Analizde Özel Konular II, Doctorate, 2023 - 2024, 2022 - 2023

Karmaşık Analiz, Undergraduate, 2023 - 2024, 2022 - 2023

Laurent Serileri, Undergraduate, 2022 - 2023

Kompleks Fonksiyonlar Teorisi I, Undergraduate, 2023 - 2024, 2022 - 2023, 2020 - 2021

Matematik I, Undergraduate, 2023 - 2024, 2022 - 2023

Kompleks Analizde Özel Konular I, Doctorate, 2021 - 2022, 2020 - 2021

Fonksiyonel Analiz II, Undergraduate, 2021 - 2022

Kompleks Analiz II, Undergraduate, 2021 - 2022, 2020 - 2021

Matematik II, Undergraduate, 2021 - 2022

Kompleks Değişkenli Fonksiyonlar II, Postgraduate, 2021 - 2022

Kompleks Analiz I, Undergraduate, 2021 - 2022

Matematik Tarihi ve Felsefesi, Undergraduate, 2019 - 2020

## Advising Theses

Kadioğlu E., Kompleks mertebeli  $(p,q)$ -yıldız ve  $(p,q)$ -konveks fonksiyon sınıfları için Fekete-Szegő problemi, Doctorate, F.YATKIN(Student), 2020

KADIOĞLU E., Riemann Dönüşüm Teoremine Genel Bir Bakış, Postgraduate, M.Çağman(Student), 2019

KADIOĞLU E., Özel Ünivalent Fonksiyonlar Teorisine Katkılar, Doctorate, E.Toklu(Student), 2017

KADIOĞLU E., Analitik Fonksiyonların Bazı Alt Sınıfları Hakkında, Postgraduate, P.Yılmaztürk(Student), 2013

KADIOĞLU E., Konform Dönüşüm ve Schwarz-Chiristoffel Formülü, Postgraduate, M.Sönmez(Student), 2012

KADIOĞLU E., Analitik Fonksiyonların İntegral Operatörlerinin Bazı Özellikleri, Doctorate, G.Saltık(Student), 2011

KADIOĞLU E., Analitik Fonksiyonların Bazı Alt Sınıfları İçin Katsayı Tahminleri, Doctorate, N.Uyanık(Student), 2011

KADIOĞLU E., Ünivalent Fonksiyonlar ve Alt Sınıfları, Postgraduate, E.Toklu(Student), 2011

KADIOĞLU E., Ünivalent Fonksiyonların Bazı Alt Sınıflarına Ait Majorasyon Problemi, Postgraduate, H.Baba(Student), 2008

KADIOĞLU E., Konform Modüller, Postgraduate, H.Kızılhan(Student), 2001

KADIOĞLU E., Kismen Çakışmayan İkiSpektruma Göre Singüler Storm-Liouville Operatörü İçin Ters Problem, Doctorate, M.Kayalar(Student), 1997

KADIOĞLU E., İkinci Mertebeden Geciken Değişkenli Lineer Adi Diferensiyel Denklemlerin Yaklaşık Çözümü, Doctorate, A.DAĞ(Student), 1995

KADIOĞLU E., Bazı Cisim Genişlemelerinin Topolojik Karakterizasyonu, Postgraduate, M.Türer(Student), 1993

## Jury Memberships

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Karadeniz Teknik Üniversitesi, January, 2024

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Atatürk Üniversitesi, October, 2023

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Atatürk Üniversitesi, March, 2023

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, İstanbul Teknik Üniversitesi, March, 2023

Associate Professor Exam, Associate Professor Exam, Atatürk Üniversitesi, January, 2022

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

- I. **Second Hankel determinant for certain subclasses of bi-univalent functions involving Chebyshev polynomials**  
ORHAN H., Toklu E., KADIOĞLU E.  
TURKISH JOURNAL OF MATHEMATICS, vol.42, no.4, pp.1927-1940, 2018 (SCI-Expanded)
- II. **Radii of starlikeness and convexity of Wright functions**  
Baricz A., TOKLU E., Kadioglu E.  
MATHEMATICAL COMMUNICATIONS, vol.23, no.1, pp.97-117, 2018 (SCI-Expanded)
- III. **Second Hankel Determinant Problem for k-bi-starlike Functions**  
ORHAN H., TOKLU E., KADIOĞLU E.  
FILOMAT, vol.31, no.12, pp.3897-3904, 2017 (SCI-Expanded)
- IV. **CONVEXITY OF INTEGRAL OPERATORS OF p-VALENT FUNCTIONS**  
Ayhanoz G. S., KADIOĞLU E.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.41, no.6, pp.875-881, 2012 (SCI-Expanded)
- V. **Two new general p-valent integral operators**  
Saltik G., Deniz E., KADIOĞLU E.  
MATHEMATICAL AND COMPUTER MODELLING, vol.52, pp.1605-1609, 2010 (SCI-Expanded)
- VI. **New approach for simultaneous spectral analysis of a complex mixture using the fractional wavelet transform**  
Dinc E., Demirkaya F., Baleanu D., Kadioglu Y., KADIOĞLU E.  
COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION, vol.15, no.4, pp.812-818, 2010 (SCI-Expanded)
- VII. **Some properties of functions associated with close-to-convex and starlike of order alpha**  
UYANIK N., Owa S., KADIOĞLU E.  
APPLIED MATHEMATICS AND COMPUTATION, vol.216, no.2, pp.381-387, 2010 (SCI-Expanded)
- VIII. **On Certain Multivalent Starlike or Convex Functions with Negative Coefficients**  
UYANIK N., Deniz E., KADIOĞLU E., Owa S.  
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2010 (SCI-Expanded)
- IX. **On the subclass of p-valently functions**  
AKBULUT S., KADIOĞLU E., ÖZDEMİR M.  
Applied Mathematics and Computation, vol.147, no.1, pp.89-96, 2004 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Fekete-Szegő Inequality for  $(p,q)$ -Starlike and  $(p,q)$ -Convex Functions of Complex Order**  
Yatkın F., Kadioğlu E.  
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.10, no.2, pp.1247-1253, 2020 (Peer-Reviewed Journal)
- II. **A New Approach to Uncertainty Problem in The Direction of Current Neuroscience and Algebraic**

### **Informations: A Brain Based Analysis**

ELMAS S., ÖZDEN H. Ö., SALTUKLU Z., AYDIN M. D., KADIOĞLU E., ÖZMEN S.

Journal of Advanced Mathematics and Mathematics Education, vol.1, pp.1-11, 2018 (Peer-Reviewed Journal)

- III. **On Majorization Problems Associated with the Subclass  $iQ(j, \lambda, \alpha, n)/i$  of Starlike Functions with Positive Coefficients/title**  
BABA H., KADIOĞLU E.  
ITM Web of Conferences, vol.22, pp.1001, 2018 (Peer-Reviewed Journal)
- IV. **Some Applications Of Fractional Calculus Operators To A New Class Of Analytic Functions With Negative Coefficients**  
KADIOĞLU E.  
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.49, pp.1-5, 2000 (Peer-Reviewed Journal)
- V. **Afinor Alanının Yatay Liftinin Taşınması Hakkında**  
KADIOĞLU E., KAMALI M., SALIMOV A.  
Doğuş Üniversitesi Dergisi (2000), vol.1, no.2, pp.132-139, 2000 (Peer-Reviewed Journal)
- VI. **On A New Subclass Of Certain Starlike Functions With Negative Coefficients**  
KAMALI M., KADIOĞLU E.  
Atti Semin. Mat. Fis. Univ. Modena Reggio Emilia (2000), vol.48, no.1, pp.31-44, 2000 (Peer-Reviewed Journal)
- VII. **Applications of the Tachibana operator on problems of lifts**  
MAĞDEN A., KADIOĞLU E., SALIMOV A.  
Turkish Journal Of Mathematics, vol.24, pp.173-183, 2000 (Scopus)
- VIII. **On The Ring Of The Holomorphic Functions Over The Algebra**  
KADIOĞLU E.  
Communication Mathematics and Statistics (1999), vol.48, pp.39-44, 1999 (Peer-Reviewed Journal)
- IX. **On The Subrings Of The Ring Of Analytic Functions And Conformally Equivalence**  
KADIOĞLU E., BAYRAKTAR M.  
Communication Mathematics and Statistics (1997), vol.45, pp.55-60, 1997 (Peer-Reviewed Journal)
- X. **On The Ring Of Analytic Functions**  
KADIOĞLU E., KAMALI M.  
J. Fac. Sci. Ege Univ. Fen. Fak. Derg. Ser. A-B (1997), vol.20, pp.97-101, 1997 (Peer-Reviewed Journal)
- XI. **On The Coefficients Of Certain Analytic Functions**  
KAMALI M., KADIOĞLU E.  
Far East J. Math. Sci. (1997), vol.5, no.2, pp.169-176, 1997 (Peer-Reviewed Journal)

### **Books & Book Chapters**

- I. **General Mathematics**  
Kadioğlu E., Kamali M.  
Kültür Eğitim Vakfı Yayınları, Erzurum, 2001
- II. **Olasılık-İstatistik**  
BAYRAM M., KADIOĞLU E.  
Atatürk Üniversitesi Fen-Edebiyat Fakültesi Yayını No:195, Erzurum, 1996

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **A new method for the quantitative analysis of trimethoprim-sulphamethoxazole mixture**  
DEMİRKAYA MİLOĞLU F., KADIOĞLU Y., KADIOĞLU E., DİNÇ E., BALEANU D.  
Fractional Differentiation and its Applications, Ankara, Turkey, 28 - 30 November 2008, pp.123-125

## Supported Projects

YILDIRIM İ., ÇELİK E., CENGİZ N., KADIOĞLU E., ÖZDEMİR M., KOPUZLU A., UĞUR T., KÜÇÜK A., GÜLTEKİN İ., KAZAZ C., et al., Project Supported by Higher Education Institutions, Workshop on Pure and Applied Mathematics 2019, (WOPAM 2019), 2019 - 2020

## Metrics

Publication: 25

Citation (WoS): 61

Citation (Scopus): 70

H-Index (WoS): 3

H-Index (Scopus): 5