

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
Dean, Agri Ibrahim Cecen University, Faculty Of Education, 2008 - 2008
Vice Rector, Agri Ibrahim Cecen University, 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) -yıldızlı 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): 71

H-Index (WoS): 3

H-Index (Scopus): 5