

Prof. Erhan ÇALIŞKAN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAE-3302-2020

Yoksis Researcher ID: 174016

Education Information

Doctorate, Universidade Estadual de Campinas (UNICAMP), Instituto De Matematica, Estatística E Computação Científica, Matematica , Brazil 1999 - 2003

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Matematik, Turkey 1994 - 1996

Undergraduate, Yildiz Technical University, Faculty Of Arts & Science, Matematik, Turkey 1990 - 1994

Foreign Languages

English, A2 Elementary

Portuguese, B1 Intermediate

Dissertations

Doctorate, Aproximação de Funções Holomorfas em Espaços de Dimensão Infinita, Universidade Estadual de Campinas (UNICAMP), Instituto De Matematica, Estatística E Computação Científica, Matematica, 2003

Postgraduate, Modüler Fonksiyonlar ve Modüler Formlar, Yildiz Technical University, Fen-Edebiyat Fakültesi, Matematik, 1996

Research Areas

Mathematics, Functional Analysis, Natural Sciences

Academic Titles / Tasks

Professor, Istanbul University, Faculty of Science, Department of Mathematics, 2015 - Continues

Associate Professor, Yildiz Technical University, Faculty Of Arts & Science, Matematik, 2009 - 2015

Other, Kent State University, College Of Arts And Sciences, Department Of Mathematical Sciences, 2011 - 2012

Assistant Professor, Yildiz Technical University, Faculty Of Arts & Science, Matematik, 2005 - 2009

Research Assistant, Yildiz Technical University, Faculty Of Arts & Science, Matematik, 1995 - 2005

Researcher, Universidade Federal de Campina Grande (UFCG), Ciências Exatas E Da Terra, Matemática, 2003 - 2004

Courses

Banach Uzaylarında Kompleks Analize Giriş, Doctorate, 2022 - 2023
KOMPLEKS ANALİZ II, Undergraduate, 2019 - 2020, 2018 - 2019, 2016 - 2017, 2015 - 2016
KOMPLEKS ANALİZ II, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
REEL ANALİZ, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
REEL ANALİZ, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
LİNEER OPERATÖRLERE GİRİŞ, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
Kompleks Analiz I, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
ÖLÇÜ TEORİSİ 1, Postgraduate, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2015 - 2016
SEMİNER, Doctorate, 2019 - 2020
Kompleks Analiz I, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
TOPOLOJİK VEKTÖR UZAYLARI, Doctorate, 2018 - 2019, 2015 - 2016
BANACH UZAYLARINDA KONULAR, Doctorate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2015 - 2016
İntegral Hesap, Undergraduate, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2015 - 2016
MESLEKİ MATEMATİK I, Associate Degree, 2018 - 2019
İNTEGRAL HESAP, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
MATEMATİK, Associate Degree, 2018 - 2019
İLERİ ANALİZ, Undergraduate, 2014 - 2015
İLERİ ANALİZ, Undergraduate, 2014 - 2015

Advising Theses

ÇALIŞKAN E., Hilbert Uzaylarında Fourier Serilerinin Yakınsaklığı, Postgraduate, C.Kadirov(Student), 2017
ÇALIŞKAN E., BANACH UZAYLARI ÜZERİNDE p -KOMPAKT OPERATÖRLERİN p -KOMPAKT KÜMELERİNİN DÜZGÜN OLARAK ÇARPANLARA AYRILMASI, Doctorate, A.KETEN(Student), 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The compact approximation property for spaces of holomorphic mappings on Frechet spaces**
Caliskan E., Rueda P.
REVISTA MATEMATICA COMPLUTENSE, vol.34, no.1, pp.185-201, 2021 (SCI-Expanded)
- II. **Compactness and s -numbers for polynomials**
Caliskan E., Rueda P.
RENDICONTI LINCEI-MATEMATICA E APPLICAZIONI, no.1, pp.93-107, 2018 (SCI-Expanded)
- III. **BEHAVIOR OF HOLOMORPHIC MAPPINGS ON p -COMPACT SETS IN A BANACH SPACE**
Aron R. M., Caliskan E., Garcia D., Maestre M.
TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY, vol.368, no.7, pp.4855-4871, 2016 (SCI-Expanded)
- IV. **Uniform factorization for p -compact sets of p -compact linear operators**
Caliskan E., KETEN A.
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.437, no.2, pp.1058-1069, 2016 (SCI-Expanded)
- V. **The polynomial dual of an operator ideal**
Botelho G., Caliskan E., Moraes G.
MONATSHEFTE FÜR MATHEMATIK, vol.173, no.2, pp.161-174, 2014 (SCI-Expanded)
- VI. **ON DISTINGUISHED POLYNOMIALS AND THEIR PROJECTIONS**
Caliskan E., RUEDA P.
ANNALES ACADEMIAE SCIENTIARUM FENNICAE-MATHEMATICA, vol.37, no.2, pp.595-603, 2012 (SCI-Expanded)
- VII. **ON THE REPRESENTATION OF MULTI-IDEALS BY TENSOR NORMS**
BOTELHO G., Caliskan E., PELLEGRINO D.
JOURNAL OF THE AUSTRALIAN MATHEMATICAL SOCIETY, vol.90, no.2, pp.253-269, 2011 (SCI-Expanded)
- VIII. **Erratum to: Ideals of Homogeneous Polynomials and Weakly Compact Approximation Property in**

Banach Spaces

Çalışkan E.

CZECHOSLOVAK MATHEMATICAL JOURNAL, vol.60, no.3, pp.887, 2010 (SCI-Expanded)

- IX. **Ideals of homogeneous polynomials and weakly compact approximation property in Banach spaces**
Çalışkan E.
CZECHOSLOVAK MATHEMATICAL JOURNAL, vol.57, no.2, pp.763-776, 2007 (SCI-Expanded)
- X. **On the multilinear generalizations of the concept of absolutely summing operators**
Çalışkan E., Pellegrino D. M.
ROCKY MOUNTAIN JOURNAL OF MATHEMATICS, vol.37, no.4, pp.1137-1154, 2007 (SCI-Expanded)
- XI. **The bounded approximation property for the predual of the space of bounded holomorphic mappings**
Çalışkan E.
STUDIA MATHEMATICA, vol.177, no.3, pp.225-233, 2006 (SCI-Expanded)
- XII. **The bounded approximation property for spaces of holomorphic mappings on infinite dimensional spaces**
Çalışkan E.
MATHEMATISCHE NACHRICHTEN, vol.279, no.7, pp.705-715, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **On Characterizations of the Space of p -Semi-Integral Multilinear Mappings**
Çalışkan E.
NOTE DI MATEMATICA, no.1, pp.165-184, 2009 (ESCI)
- II. **The bounded approximation property for weakly uniformly continuous type holomorphic mappings**
Çalışkan E.
EXTRACTA MATHEMATICAE, vol.22, no.2, pp.157-177, 2007 (Peer-Reviewed Journal)
- III. **Bounded holomorphic mappings and the compact approximation property in Banach spaces**
ÇALIŞKAN E.
PORTUGALIAE MATHEMATICA, vol.61, no.1, pp.25-33, 2004 (Peer-Reviewed Journal)
- IV. **Approximation of holomorphic mappings on infinite dimensional spaces**
ÇALIŞKAN E.
REVISTA MATEMÁTICA COMPLUTENSE, vol.17, no.2, pp.411-434, 2004 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Some Variants of Numbers Sequences for Homogeneous Polynomials**
Çalışkan E., Rueda P.
Classical and Functional Analysis, Brasov, Romania, 3 - 05 July 2015, pp.57-67
- II. **On the interplay between tensor norms and multi-ideals**
BOTELHO G., ÇALIŞKAN E., PELLEGRINO D.
II ENAMA - Encontro Nacional de Análise Matemática e Aplicações, Joao Pessoa, Brazil, 5 - 07 November 2008, pp.126-127
- III. **The Bounded Approximation Property for the Preduals of Spaces of Holomorphic Mappings**
ÇALIŞKAN E.
Congress "Banach space theory: classical topics and new directions" (Satellite conference n° 17 of the World Congress ICM 2006), Caceres, Spain, 4 - 08 September 2006, pp.6
- IV. **Sürekli Polinomlar ve Banach Uzaylarında Kompakt Yaklaşım Özelliği**
ÇALIŞKAN E.
TÜRK MATEMATİK DERNEĞİ XVIII. ULUSAL MATEMATİK SEMPOZYUMU, İstanbul, Turkey, 5 - 08 September 2005,

pp.51-58

- V. **The Bounded Approximation Property for Spaces of Holomorphic Mappings on Infinite Dimensional Spaces**
ÇALIŞKAN E.
58o Seminário Brasileiro de Análise, Campinas, Brazil, 19 - 22 November 2003, pp.523-530
- VI. **Holomorphic Mappings and The Compact Approximation Property**
ÇALIŞKAN E.
57o Seminário Brasileiro de Análise, Viçosa, Brazil, 14 - 17 May 2003, pp.473-480
- VII. **Funções Holomorfas de Tipo Limitado e a Propriedade de Aproximação**
ÇALIŞKAN E.
56o Seminário Brasileiro de Análise, Niteroi, Brazil, 20 - 23 November 2002, pp.465-474
- VIII. **A Propriedade de Aproximação Compacta e Funções Holomorfas Limitadas**
ÇALIŞKAN E.
55o Seminário Brasileiro de Análise, Uberlandia, Brazil, 22 - 25 May 2002, pp.593-600

Metrics

Publication: 24

Citation (WoS): 71

Citation (Scopus): 73

H-Index (WoS): 4

H-Index (Scopus): 4

Congress and Symposium Activities

I Uberlândia Meeting on Functional Analysis and Approximation Theory, Attendee, Uberlândia, Brazil, 2012

Colóquio Científico 40 anos IMECC, Attendee, Campinas, Brazil, 2008

Functional Analysis and Complex Analysis: International Conference on Functional Analysis and Complex Analysis (with a Special Session to mark the 70th Birthday of Professor V. Zakharyuta), Attendee, İstanbul, Turkey, 2007

Mini Reunião de Análise Funcional, Attendee, Campinas, Brazil, 2002