

Res. Asst. PhD SABRİ KAAAN GÜRBÜZER

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: W-6961-2019

ScopusID: 57209913055

Yoksis Researcher ID: 104751

Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2008 - 2014

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 2006 - 2008

Undergraduate, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, Turkey 2000 - 2006

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Role of Category Theory In Geometry, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2014

Postgraduate, N-Categories, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2008

Research Areas

Algebraic Geometry, Algebraic Topology, Differential Geometry, General Mathematics, General Topology, Geometry, Combinatorics, Manifolds and Cell Complexes, Topological Groups, Lie Groups

Academic Titles / Tasks

Research Assistant PhD, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, 2007 - Continues

Academic and Administrative Experience

Fakülte Mezuniyet komisyonu, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, 2022 - Continues

Spor Koordinatörlüğü, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, 2020 - Continues

Courses

DISCRETE MATHEMATICS AND ITS APPLICATIONS, Undergraduate, 2022 - 2023
CALCULUS, Undergraduate, 2021 - 2022
Calculus I, Undergraduate, 2021 - 2022
Calculus I, Undergraduate, 2020 - 2021, 2019 - 2020
Introduction to Linear Algebra, Undergraduate, 2021 - 2022
ANALYTIC GEOMETRY, Undergraduate, 2019 - 2020, 2018 - 2019
Calculus II, Undergraduate, 2019 - 2020, 2018 - 2019
Calculus II, Undergraduate, 2018 - 2019
Calculus I, Undergraduate, 2018 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Spin structures on generalized real Bott manifolds**
Güçlükan İlhan A., Gürbüzer S. K., Pamuk S.
TURKISH JOURNAL OF MATHEMATICS, vol.47, no.4, pp.1220-1235, 2023 (SCI-Expanded)
- II. **Weakly equivariant classification of small covers over a product of simplicies**
Güçlükan İlhan A., Gürbüzer S. K.
JOURNAL OF THE KOREAN MATHEMATICAL SOCIETY, vol.59, no.5, pp.963-986, 2022 (SCI-Expanded)
- III. **Prismatic Sets Associated with Planar Rooted Trees**
Gürbüzer S. K., Akyar B.
JOURNAL OF MATHEMATICS, vol.2019, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **Labelled Maximal Tubings on Paths and Graph Associahedra**
Gürbüzer S. K., Akyar B.
EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS, vol.12, no.3, pp.734-748, 2019 (ESCI)

Books & Book Chapters

- I. **Matematik Bölümü**
Dişibüyük N. B., Gürbüzer S. K., Karpuz B.
in: Herkes İçin Bilim, Pervin Baylan, Editor, Dokuz Eylül Üniversitesi Yayınları, İzmir, pp.75-87, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. **On Stiefel-Whitney classes of generalized real Bott manifolds**
Gürbüzer S. K.
Algebra, Topology and Related Fields, İzmir, Turkey, 22 - 23 September 2022
- II. **ON THE NUMBER OF THE WEAK EQUIVARIANT CLASSES OF SMALL COVER OVER THE PRODUCT OF THREE SIMPLICIES**
Gürbüzer S. K.
INTERNATIONAL ASIAN CONGRESS ON CONTEMPORARY SCIENCES-VI, Van, Turkey, 27 - 29 May 2022, pp.171-172
- III. **ÇİZGELERDE MAKSİMAL BORU SİSTEMLERİNİN BAZI ÖZELLİKLERİ ÜZERİNE**
Gürbüzer S. K.
BLACK SEA SUMMIT 6th INTERNATIONAL APPLIED SCIENCES CONGRESS, Sinop, Turkey, 05 June 2021, pp.13
- IV. **Düzlemsel Köklü Ağaçların Bikompleksi**

Gürbüzer S. K., Akyar B.

32. Ulusal Matematik Sempozyumu, Samsun, Turkey, 02 September 2019

V. **On a Decomposition of the Bicomplex of Planar Binary Trees**

Gürbüzer S. K., Akyar B.

Workshop on Algebraic and Applied Topology, İzmir, Turkey, 19 April 2019

VI. **An Aspect of Graph Associahedra via Tubes**

Gürbüzer S. K., Akyar B.

Karatekin Mathematics Days 2014, Çankırı, Turkey, 11 - 13 June 2014

VII. **An Introduction on Graph Associahedra**

Gürbüzer S. K., Akyar B.

26. Ulusal Matematik Sempozyumu, Diyarbakır, Turkey, 4 - 07 September 2013

VIII. **Associahedron and Its Various Truncation**

GÜRBÜZER S. K., AKYAR B.

İzmir Algebraic Geometric Topology Days II, İzmir, Turkey, 9 - 14 January 2011

IX. **Little Cube Operad**

Gürbüzer S. K., Akyar B.

Cebir ve Geometri Toplantıları, İstanbul, Turkey, 06 March 2010

Supported Projects

Güçlükan İlhan A., Altunbulak M., Sarıoğlu C. C., Gürbüzer S. K., TUBITAK Project, Classification of Small Covers, 2019 - 2022

Akyar Moller B., Gürbüzer S. K., Project Supported by Other Official Institutions, N Categories, 2007 - 2010

Memberships / Tasks in Scientific Organizations

Türk Matematik Derneği, Member, 2013 - Continues, Turkey

Metrics

Publication: 15