

## Prof. ALİ ARSLAN ÖZKURT

### Personal Information

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### International Researcher IDs

ORCID: 0000-0001-7631-8435

Yoksis Researcher ID: 103038

### Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2000 - 2005

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Matematik, Turkey 1997 - 2000

Undergraduate, Cukurova University, Fen Edebiyat Fakültesi, Matematik, Turkey 1993 - 1997

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Grup Etkilerinin Denklikleri, Cukurova University, Fen Bilimleri Enstitüsü, Matematik, 2005

Postgraduate, Bazı Bölüm Uzaylarının Esas Grupları, Cukurova University, Fen Bilimleri Enstitüsü, Matematik, 2000

### Research Areas

Mathematics, Algebraic Topology, General Topology, Natural Sciences

### Academic Titles / Tasks

Professor, Cukurova University, Fen-Edebiyat Fakültesi, Matematik, 2015 - Continues

Associate Professor, Cukurova University, Fen-Edebiyat Fakültesi, Matematik, 2010 - 2015

Assistant Professor, Cukurova University, Fen-Edebiyat Fakültesi, Matematik, 2007 - 2010

Lecturer PhD, Cukurova University, Fen-Edebiyat Fakültesi, Matematik, 2005 - 2007

Research Assistant, Cukurova University, Fen-Edebiyat Fakültesi, Matematik, 1997 - 2005

### Academic and Administrative Experience

Head of Department, Cukurova University, Fen-Edebiyat Fakültesi, Matematik, 2019 - 2022

Assistant Director of the Institute, Cukurova University, 2017 - 2021

Cukurova University, 2010 - 2015

## Courses

Genel Topoloji, Undergraduate, 2016 - 2017  
Matematik II, Undergraduate, 2016 - 2017  
Reel Analiz, Postgraduate, 2016 - 2017  
Kompleks fonksiyolar Teorisi, Undergraduate, 2016 - 2017  
Matematik I, Undergraduate, 2016 - 2017  
Diferansiyel Geometri, Undergraduate, 2016 - 2017  
Genel Topoloji, Postgraduate, 2016 - 2017

## Advising Theses

Özkurt A. A., Bazı metriklenebilme teoremleri, Postgraduate, E.BATMAZ(Student), 2023  
Özkurt A. A., Harmonic Analysis Approach Method to Some Problems in Additive Combinatorics Theory, Doctorate, S.EYİDOĞAN(Student), 2023  
Özkurt A. A., Esas Yarılatısların Yarıgrubu, Postgraduate, Y.İPEK(Student), 2022  
Özkurt A. A., Kompakt Grup Etkilerinin Kohomoloji Teorisi, Doctorate, M.ONAT(Student), 2018  
Özkurt A. A., Solenoidal Uzaylar Üzerindeki Kompakt Grup Etkileri, Doctorate, S.EREN(Student), 2018  
Özkurt A. A., Grup Etkilerinin Kompaktlamalara Genişlemesi, Doctorate, D.KARAPINAR(Student), 2018  
Özkurt A. A., Küçükaslan M., Fonksiyon Uzaylarında İstatistiksel Yakınsaklık, Postgraduate, S.EYİDOĞAN(Student), 2017  
Özkurt A. A., Evrensel grobner bazının varlığının topolojik ispatı, Postgraduate, O.UYAR(Student), 2013  
ÖZKURT A. A., Kompakt Grupların Projektif Limitleri, Postgraduate, S.Kınacı(Student), 2011  
ÖZKURT A. A., Latis Sıralanmış 2-Bölünebilir Gruplar, Postgraduate, Ş.Uysal(Student), 2008

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

- I. **Borel'S Fixed Point Theorem for Finite Dimensional Compact Abelian Groups**  
ONAT M., ÖZKURT A. A.  
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.50, no.1, pp.171-179, 2019 (SCI-Expanded)
- II. **A description for the compactification of the orbit space**  
KARAPINAR D., ÖZKURT A. A.  
TURKISH JOURNAL OF MATHEMATICS, vol.43, no.4, pp.2025-2031, 2019 (SCI-Expanded)
- III. **The localization theorem for finite-dimensional compact group actions**  
ÖZKURT A. A., ONAT M.  
TURKISH JOURNAL OF MATHEMATICS, vol.42, no.4, pp.1556-1565, 2018 (SCI-Expanded)
- IV. **A Note On S-1-Equivariant Maps Between 3-Spheres**  
Eren S., Ozkurt A.  
BULLETIN MATHEMATIQUE DE LA SOCIETE DES SCIENCES MATHEMATIQUES DE ROUMANIE, vol.58, no.2, pp.161-166, 2015 (SCI-Expanded)
- V. **On the equivariant cohomology algebra for solenoidal actions**  
Ozkurt A. A.  
TURKISH JOURNAL OF MATHEMATICS, vol.38, no.6, pp.1081-1089, 2014 (SCI-Expanded)
- VI. **On the torus cobordant cohomology spheres**  
Ozkurt A. A., DÖNMEZ D.  
PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCES-MATHEMATICAL SCIENCES, vol.119, no.1, pp.101-108, 2009 (SCI-Expanded)
- VII. **A note on W-I-continuous functions**  
Kuyucu F., Noiri T., Özkurt A. A.  
ACTA MATHEMATICA HUNGARICA, vol.119, no.4, pp.393-400, 2008 (SCI-Expanded)

**VIII. Pro-torus actions on Poincare duality spaces**

Oezkurt A. A., Doenmez D.

PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCES-MATHEMATICAL SCIENCES, vol.116, no.3, pp.293-298, 2006 (SCI-Expanded)

**Articles Published in Other Journals**

**I. A VARIANT OF THE PROOF OF VAN DER WAERDEN'S THEOREM BY FURSTENBERG**

EYİDOĞAN S., ÖZKURT A. A.

COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.70, no.2, pp.0-1072, 2021 (ESCI)

**II. Some Generalizations of Local Continuity in Ideal Topological Spaces**

ÖZKURT A. A.

Scientific Studies and Research Series Mathematics and Informatics, vol.24, pp.75-80, 2014 (Scopus)

**III. Torus cobordant complex projective spaces**

ÖZKURT A. A.

Note di matematica, vol.26, pp.169-171, 2006 (Scopus)

**IV. Grup Etkilerinin Deformasyonu**

Özkurt A. A., Dönmez D.

Ç. Ü. Fen ve Mühendislik Bilimleri Dergisi, vol.14, no.2, pp.46-52, 2006 (Non Peer-Reviewed Journal)

**V. Notes on the continuity in ideal topological spaces**

Özkurt A. A.

INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS, vol.23, pp.359-364, 2005 (Scopus)

**VI. Bazı Bölüm Uzaylarının Esas Grupları**

Özkurt A. A., Dönmez D.

Ç. Ü. Fen ve Mühendislik Bilimleri Dergisi, vol.12, pp.1, 2001 (Non Peer-Reviewed Journal)

**Refereed Congress / Symposium Publications in Proceedings**

**I. Hilbert-Smith Conjecture and Equivariant Maps Between 3-Spheres with Circle Action**

Özkurt A. A.

6th Int. IFS and Contemporary Mathematics Conference, Mersin, Turkey, 7 June - 10 July 2019

**II. Equivariantly formal solenoidal actions**

ÖZKURT A. A.

4th International Eurasian Conf. on Mathematical Sciences and Applications, 31 August - 03 September 2015

**III. Pro-Torus Etkileri için Borel Kohomoloji Cebiri**

ÖZKURT A. A.

XXIII. Ulusal Matematik Sempozyumu, Kayseri, Turkey, 4 - 07 August 2010

**IV. Kompleks Projektif Uzaylar Üzerinde Lineer Torus Etkilerinin Denklikleri**

ÖZKURT A. A.

XIX. Ulusal Matematik Sempozyumu, Kütahya, Turkey, 22 - 25 August 2006

**V. Poincare Dualite Uzaylar Üzerinde Pro Torus Etkileri**

ÖZKURT A. A., DÖNMEZ D.

XVIII. Ulusal Matematik Sempozyumu, İstanbul, Turkey, 5 - 08 September 2005

**VI. Torus Kobordant Kohomoloji Küreler Üzerine**

ÖZKURT A. A., DÖNMEZ D.

III. Ulusal Geometri sempozyumu, Eskişehir, Turkey, 4 - 06 July 2005

**VII. G-cobordant spheres**

ÖZKURT A. A., DÖNMEZ D.

## Supported Projects

ÖZKURT A. A., Eren S., Project Supported by Higher Education Institutions, Solenoidal Uzaylar Üzerindeki Kompakt Grup Etkileri, 2015 - 2018

ÖZKURT A. A., ONAT M., Project Supported by Higher Education Institutions, Kompakt Grup Etkilerinin Kohomoloji Teorisi, 2015 - 2018

ÖZKURT A. A., Project Supported by Higher Education Institutions, Equivariantly Formal Solenoidal Spaces, 2015 - 2015

## Metrics

Publication: 21

Citation (WoS): 2

Citation (Scopus): 9

H-Index (WoS): 1

H-Index (Scopus): 2

## Congress and Symposium Activities

6th Int. IFS and Contemporary Mathematics Conference, Attendee, Mersin, Turkey, 2019

4th International Eurasian Conf. on Mathematical Sciences and Applications, Attendee, Athína, Greece, 2015

XXIII. Ulusal Matematik Sempozyumu, Attendee, Kayseri, Turkey, 2010

XIX. Ulusal Matematik Sempozyumu, Attendee, Kütahya, Turkey, 2006

XVIII. Ulusal Matematik Sempozyumu, Attendee, İstanbul, Turkey, 2005

III. Ulusal Geometri sempozyumu, Attendee, Eskişehir, Turkey, 2005

XVII. Ulusal Matematik sempozyumu, Attendee, Bolu, Turkey, 2004