

Asst. Prof. Temha ERKOÇ YILMAZTÜRK

Personal Information

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Post Address: İstanbul Üniversitesi Fen Fakültesi Matematik Bölümü, 34134, Vezneciler, Fatih/İstanbul

Education Information

Post Doctorate, University Of Wisconsin-Madison, Mathematics, United States Of America 2010 - 2011

Doctorate, İstanbul Üniversitesi, Institute of Graduate Studies In Sciences, Matematik , Turkey 2003 - 2008

Post Graduate, İstanbul Üniversitesi, Institute of Graduate Studies In Sciences, Matematik, Turkey 1998 - 2003

Under Graduate, İstanbul Üniversitesi, Faculty of Science, Department of Mathematics, Turkey 1994 - 1998

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Q-Gruplarının Sınıflandırılması, İstanbul University, Institute of Graduate Studies In Sciences, Matematik, 2008

Post Graduate, Sonlu Grupların Klasik Gösterilişi, İstanbul University, Institute of Graduate Studies In Sciences, Matematik, 2003

Research Areas

Mathematics, Group Theory and Generalizations, Natural Sciences

Academic Titles / Tasks

Assistant Professor, İstanbul University, Faculty of Science, Department of Mathematics, 2018 - Continues

Assistant Professor, İstanbul University, Faculty of Science, Department of Mathematics, 2008 - 2018

Research Assistant, İstanbul Üniversitesi, Faculty of Science, Department of Mathematics, 1998 - 2008

Professional Experience

Courses

Seminer, Doctorate, 2018 - 2019

Sonlu Grupların Gösteriliş Teorisi 2, Post Graduate, 2018 - 2019

Cebir 3, Under Graduate, 2019 - 2020

Cebir II (İ.Ö.), Under Graduate, 2016 - 2017

Representation Theory of Finite Groups II, Post Graduate, 2016 - 2017

Uzmanlık Alan Dersi, Doctorate, 2016 - 2017

Sonlu Grupların Gösteriliş Teorisi II, Post Graduate, 2016 - 2017

Mesleki İngilizce (i.ö.), Under Graduate, 2014 - 2015, 2015 - 2016, 2016 - 2017

Representation Theory of Finite Groups I, Post Graduate, 2016 - 2017
Cebir II (Matematik), Under Graduate, 2010 - 2011, 2014 - 2015, 2015 - 2016
Sonlu Grupların Gösteriliş Teorisi I (uzaktan eğitim), Post Graduate, 2016 - 2017
Cebir II (Matematik) (i.ö.), Under Graduate, 2014 - 2015, 2015 - 2016
Cebir III, Under Graduate, 2015 - 2016, 2016 - 2017
Cebir III (i.ö.), Under Graduate, 2015 - 2016, 2016 - 2017
Lineer Cebir (Orman fakültesi), Under Graduate, 2014 - 2015
Uzmanlık Alan Dersi, Post Graduate, 2013 - 2014
Soyut Matematik I, Under Graduate, 2014 - 2015
Soyut Matematik I (i.ö.), Under Graduate, 2014 - 2015
Grup Teorisinden Seçme Konular, Under Graduate, 2013 - 2014
Cebir II (Matematik), Under Graduate, 2009 - 2010, 2011 - 2012, 2012 - 2013
Grup Teorisinden Seçme Konular (Matematik), Under Graduate, 2012 - 2013
Lineer Cebir (Ast. ve Uzay Bil.), Under Graduate, 2012 - 2013
Sonlu Grupların Gösteriliş Teorisi II (Yüksek Lisans), Post Graduate, 2012 - 2013
Cebir II (Matematik, ikinci öğretim), Under Graduate, 2010 - 2011, 2011 - 2012, 2012 - 2013
Grup Teorisinden Seçme Konular (Matematik, ikinci öğretim), Under Graduate, 2012 - 2013
Sonlu Grupların Gösteriliş Teorisi II (Yüksek Lisans), Post Graduate, 2011 - 2012
Soyut Matematik I (Matematik), Under Graduate, 2012 - 2013
Cebir III (Matematik), Under Graduate, 2011 - 2012, 2012 - 2013
Sonlu Grupların Gösteriliş Teorisi I (Yüksek Lisans), Post Graduate, 2011 - 2012, 2012 - 2013
Lineer Cebir (Ast. ve Uzay Bil., ikinci öğretim), Under Graduate, 2011 - 2012
Soyut Matematik I (Matematik, ikinci öğretim), Under Graduate, 2012 - 2013
Lineer Cebir (Astronomi ve Uzay Bilimleri), Under Graduate, 2011 - 2012
Cebir III (Matematik, ikinci öğretim), Under Graduate, 2011 - 2012, 2012 - 2013
Lineer Cebir (Mat.+Ast. ikinci öğretim), Under Graduate, 2010 - 2011
Elementer Sayı Kuramı (HAYEF), Under Graduate, 2011 - 2012
Cebire Giriş (HAYEF), Under Graduate, 2011 - 2012
Lineer Cebir (Mat.+Ast.), Under Graduate, 2010 - 2011
Alan Eğitiminde Araştırma Projesi (Tezsiz Yüksek Lisans), Post Graduate, 2009 - 2010, 2010 - 2011
Lineer Cebir (Mat.+Ast. ikinci öğretim), Under Graduate, 2009 - 2010
Lineer Cebir (Matematik +Astronomi ve Uzay Bilimleri), Under Graduate, 2009 - 2010
Diferansiyel Denklemler (Astronomi ve Uzay Bil.), Under Graduate, 2009 - 2010
Diferansiyel Denklemler (Matematik), Under Graduate, 2009 - 2010
Matematik I (Mühendislik Fakültesi), Under Graduate, 2008 - 2009, 2009 - 2010
Matematik II (Mühendislik Fakültesi), Under Graduate, 2008 - 2009
Matematik II (Orman Fakültesi), Under Graduate, 2008 - 2009

Advising Theses

ERKOÇ YILMAZTÜRK T., İndirgenemez karakter dereceleri ve türev uzunluğu, Doctorate, B.Çınarcı(Student), 2018
ERKOÇ YILMAZTÜRK T., Complex Characters of Finite Groups, Post Graduate, B.Çınarcı(Student), 2014

Jury Memberships

Appointment Academic Staff, Yabancı Dil Sınav Jürisi, Fen Fakültesi, August, 2013
Appointment Academic Staff, Araştırma Görevlisi Kadrosuna atama yapacak üzere sınav jürisine yedek üyelik, İstanbul Üniversitesi, November, 2008

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **A NOTE ON DERIVED LENGTH AND CHARACTER DEGREES**

Çınarcı B., Erkoç Yilmaztürk T.

Bulletin Of The Australian Mathematical Society, no.1, pp.1-7, 2020 (Journal Indexed in SCI Expanded)

- **Real characters, monolithic characters and the Taketa inequality**

Cınarci B., Erkoc T.

JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.18, 2019 (Journal Indexed in SCI)

- **Irreducible constituents of products of characters**

Cınarci B., Erkoc T.

COMMUNICATIONS IN ALGEBRA, vol.47, pp.5398-5403, 2019 (Journal Indexed in SCI)

- **Finite groups whose character degree graphs coincide with their prime graphs**

Erkoc T., Yilmazturk U., GÜLOĞLU İ. Ş.

CZECHOSLOVAK MATHEMATICAL JOURNAL, vol.68, pp.647-656, 2018 (Journal Indexed in SCI)

- **Rational permutation groups containing a full cycle**

Erkoc T., Yilmazturk U.

MATHEMATICA SLOVACA, vol.63, pp.1227-1232, 2013 (Journal Indexed in SCI)

- **Some sufficient conditions for the Taketa inequality**

Yilmazturk U., Erkoc T., Guloglu I. S.

PROCEEDINGS OF THE JAPAN ACADEMY SERIES A-MATHEMATICAL SCIENCES, vol.89, pp.103-106, 2013 (Journal Indexed in SCI)

Articles Published in Other Journals

- **2-Transitive Frobenius Q-Groups**

ERKOÇ YILMAZTÜRK T., Güzel E.

University of Istanbul Faculty of Science the Journal of Mathematics, Physics and Astronomy, vol.3, pp.1-6, 2011 (National Refreed University Journal)

- **The Classification of Frobenius Q-Groups**

ERKOÇ YILMAZTÜRK T., Güzel E.

University of Istanbul Faculty of Science the Journal of Mathematics, Physics and Astronomy, vol.3, pp.7-14, 2011 (National Refreed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- **On products of irreducible characters**

ERKOÇ YILMAZTÜRK T., Çınarcı B.

Third International Conference of Mathematical Sciences, İstanbul, Turkey, 4 - 08 September 2019, pp.1

- **Derived Length and Character Degrees**

Çınarcı B., ERKOÇ YILMAZTÜRK T.

International Conference of Young Mathematicians, Kiev, Ukraine, 6 - 08 June 2019, pp.1

- **Monolithic Characters and Real Characters**

ERKOÇ YILMAZTÜRK T., Çınarcı B.

Antalya Algebra Days XXI, İzmir, Turkey, 15 - 19 May 2019, pp.1

- **On the Taketa inequality**

Çınarcı B., ERKOÇ YILMAZTÜRK T.

The Mediterranean International Conference of Pure&Applied Mathematics and Related Areas, Antalya, Turkey, 26 - 29 October 2018, pp.34

- **Groups and Irreducible Character Degrees**

ERKOÇ YILMAZTÜRK T.

International Conference on Recent Advances in Pure and Applied Mathematics, Antalya, Turkey, 6 - 09 November 2014, pp.105

- **On the Character Degrees of Solvable Groups**

ERKOÇ YILMAZTÜRK T.

International conference on Algebra and Number Theory, Samsun, Turkey, 5 - 08 August 2014, pp.23

- **Rational Permutation Groups**

ERKOÇ YILMAZTÜRK T.

2nd Biennial Group Theory Conference, Turkey, 1 - 04 September 2013, pp.101

- **Rational Transitive Subgroups of Symmetric Groups**

ERKOÇ YILMAZTÜRK T.

International Conference on Algebra in Honour of Patrick SMITH and John CLARK's 70th Birthdays, Turkey, 1 - 04 August 2013, pp.63-64

- **Frobenius Q-Groups and 2-Transitive Frobenius Q-Groups**

ERKOÇ YILMAZTÜRK T.

International Conference of Mathematical Sciences, Turkey, 1 - 04 October 2009, pp.371

Supported Projects

Erkoç Yılmaztürk T., Çınarcı B., TUBITAK Project, Az Sayıda İmpriatif İndirgenemez Karaktere Sahip Sonlu Çözülebilir Grupların Sınıflandırılması, 2020 - 2021

ERKOÇ YILMAZTÜRK T., ÇINARCI B., Project Supported by Higher Education Institutions, İndirgenemez Karakter Dereceleri ve Türev Uzunluğu, 2017 - 2019

ERKOÇ YILMAZTÜRK T., Project Supported by Higher Education Institutions, Rational permutation groups containing a full cycle, 2014 - 2017

ERKOÇ YILMAZTÜRK T., Project Supported by Higher Education Institutions, On the character degrees of solvable groups, 2014 - 2014

Memberships / Tasks in Scientific Organizations

Türk Matematik Derneği, Member, 1999 - Continues

Scientific Consultations

İstanbul Üniversitesi, Other, Istanbul University, Faculty of Science, Department of Mathematics, Turkey, 2011 - 2014

Scientific Research / Working Group Memberships

Research at UW-Madison in Algebra, University of Wisconsin-Madison, United States Of America,

https://www.math.wisc.edu/wiki/index.php/Research_at_UW-Madison_in_Algebra, 2010 - 2011

Invited Congress and Symposium Activities

The Mediterranean International Conference of Pure&Applied Mathematics and Related Areas, Attendee, Antalya, Turkey, 2018

Finite groups and their automorphisms, Attendee, İstanbul, Turkey, 2015

International Conference on Recent Advances in Pure and Applied Mathematics, Attendee, Antalya, Turkey, 2014

International conference on Algebra and Number Theory, Attendee, Samsun, Turkey, 2014

International Conference on Algebra in Honour of Patrick SMITH and John CLARK's 70th Birthdays ICAPSJC'2013, Attendee, Balıkesir-Turkey, Turkey, 2013

2nd Biennial Group Theory Conference, Attendee, İstanbul, Turkey, 2013

Workshop on Finite Groups and Their Automorphisms, Attendee, İstanbul (Boğaziçi Üniversitesi), Turkey, 2011

International Conference of Mathematical Sciences, Attendee, İstanbul, Turkey, 2009

Citations

Total Citations (WOS):2

h-index (WOS):1