

Prof. MAHMUT KUZUCUOĞLU

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABA-4204-2020

ScopusID: 6505840439

Yoksis Researcher ID: 1063

Education Information

Doctorate, The University of Manchester, Matematik, United Kingdom 1985 - 1987

Foreign Languages

English, C1 Advanced

Research Areas

Natural Sciences

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Mathematics, 1999 - Continues
Associate Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Mathematics, 1993 - 1999

Assistant Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Mathematics, 1988 - 1993

Lecturer, Middle East Technical University, Faculty of Arts and Sciences, Department of Mathematics, 1988 - 1988

Research Assistant, Middle East Technical University, Faculty of Arts and Sciences, Department of Mathematics, 1981 - 1988

Academic and Administrative Experience

Middle East Technical University, Faculty of Arts and Sciences, Department of Mathematics, 1996 - 1996

Advising Theses

KUZUCUOĞLU M., Existentially closed groups, Postgraduate, Y.GÜREL(Student), 2021

KUZUCUOĞLU M., Limit monomial groups, Doctorate, S.BOSTAN(Student), 2021
 SOLAK E., KUZUCUOĞLU M., Monomial groups, Postgraduate, Ö.ALMAŞ(Student), 2017
 KUZUCUOĞLU M., Normalizers in homogeneous symmetric groups, Doctorate, Ü.BÜŞRA(Student), 2017
 KUZUCUOĞLU M., Centralizers of finite subgroups in simple locally finite groups, Doctorate, K.ERSOY(Student), 2009
 KUZUCUOĞLU M., Barely transitive groups, Doctorate, C.BETİN(Student), 2007
 KUZUCUOĞLU M., Minimal non-FC-groups and coprime automorphisms of quasi-simple groups, Postgraduate, K.Ersoy(Student), 2004
 KUZUCUOĞLU M., On locally finite groups generated by sylow subgroups and groups of finite rank, Postgraduate, Ö.MUT(Student), 2003
 KUZUCUOĞLU M., Inert subgroups and centralizers of involutions in locally finite simple groups, Doctorate, E.ÖZYURT(Student), 2003
 KUZUCUOĞLU M., Strongly residually finite FC-groups, Postgraduate, C.BETİN(Student), 2002
 KUZUCUOĞLU M., The Hall universal group., Postgraduate, H.DEMİRCİ(Student), 1998
 KUZUCUOĞLU M., Finitary permutations and locally finite graphs, Postgraduate, E.YAKA(Student), 1998
 KUZUCUOĞLU M., Centralizers of finite dimensional elements in unitary groups, Postgraduate, M.ÇIPLAK(Student), 1998
 KUZUCUOĞLU M., Locally finite simple groups as a products of two inert subgroups, Postgraduate, E.SEÇKİN(Student), 1996
 KUZUCUOĞLU M., Locally finite simple groups as a product of two inert subgroups, Postgraduate, E.Seçkin(Student), 1996
 KUZUCUOĞLU M., Centralizers of elements in locally finite simple groups., Postgraduate, S.Sezer(Student), 1992
 KUZUCUOĞLU M., Centralizers of elements in locally finite simple groups, Postgraduate, S.SEZER(Student), 1992

Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, August, 2018
 Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Hacettepe Üniversitesi, July, 2018
 Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, June, 2018
 Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Hacettepe Üniversitesi, March, 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Entropic characterization of Gross Domestic Product per capita (GDP) values of countries**
 Gündüz G., KUZUCUOĞLU M., Gündüz Y.
 Physica A: Statistical Mechanics and its Applications, vol.603, 2022 (SCI-Expanded)
- II. **Automorphisms of κ -existentially closed groups**
 KAYA B., KUZUCUOĞLU M.
 Monatshefte für Mathematik, vol.198, no.4, pp.791-804, 2022 (SCI-Expanded)
- III. **Normalizers of finite subgroups in homogenous symmetric groups and automorphisms**
 Guven U. B., Kuzucuoğlu M.
 COMMUNICATIONS IN ALGEBRA, vol.47, pp.5182-5191, 2019 (SCI-Expanded)
- IV. **On the existence of kappa-existentially closed groups**
 Kaya B., Kegel O. H., Kuzucuoğlu M.
 ARCHIV DER MATHEMATIK, vol.111, pp.225-229, 2018 (SCI-Expanded)
- V. **kappa-Existentially closed groups**
 Kegel O. H., KUZUCUOĞLU M.
 JOURNAL OF ALGEBRA, vol.499, pp.298-310, 2018 (SCI-Expanded)

- VI. **Homogeneous monomial groups and centralizers**
KUZUCUOĞLU M., Oliynyk B., Sushchanskyy V. I.
COMMUNICATIONS IN ALGEBRA, vol.46, no.2, pp.597-609, 2018 (SCI-Expanded)
- VII. **Locally finite groups and their subgroups with small centralizers**
ERSOY K., KUZUCUOĞLU M., Shunwatsky P.
JOURNAL OF ALGEBRA, vol.481, pp.1-11, 2017 (SCI-Expanded)
- VIII. **GROUPS WHOSE PROPER SUBGROUPS HAVE RESTRICTED INFINITE CONJUGACY CLASSES**
De Falco M., De Giovanni F., KUZUCUOĞLU M., Musella C.
COLLOQUIUM MATHEMATICUM, vol.150, no.2, pp.281-291, 2017 (SCI-Expanded)
- IX. **Centralizers of finite subgroups in Hall's universal group**
Kegel O. H., KUZUCUOĞLU M.
RENDICONTI DEL SEMINARIO MATEMATICO DELLA UNIVERSITA DI PADOVA, vol.138, pp.283-288, 2017 (SCI-Expanded)
- X. **CENTRALIZERS OF SUBGROUPS IN DIRECT LIMITS OF SYMMETRIC GROUPS WITH STRICTLY DIAGONAL EMBEDDING**
Guven U. B., Kegel O. H., KUZUCUOĞLU M.
COMMUNICATIONS IN ALGEBRA, vol.43, no.5, pp.1920-1934, 2015 (SCI-Expanded)
- XI. **On locally graded barely transitive groups**
Betin C., KUZUCUOĞLU M.
CENTRAL EUROPEAN JOURNAL OF MATHEMATICS, vol.11, no.7, pp.1188-1196, 2013 (SCI-Expanded)
- XII. **Centralizers of subgroups in simple locally finite groups**
ERSOY K., KUZUCUOĞLU M.
JOURNAL OF GROUP THEORY, vol.15, no.1, pp.9-22, 2012 (SCI-Expanded)
- XIII. **DESCRIPTION OF BARELY TRANSITIVE GROUPS WITH SOLUBLE POINT STABILIZER**
Betin C., KUZUCUOĞLU M.
COMMUNICATIONS IN ALGEBRA, vol.37, no.6, pp.1901-1907, 2009 (SCI-Expanded)
- XIV. **Barely transitive groups**
Kuzucuoglu M.
TURKISH JOURNAL OF MATHEMATICS, vol.31, pp.79-94, 2007 (SCI-Expanded)
- XV. **Centralizers of involutions in locally finite groups**
Kuzucuoglu M., Shumyatsky P.
COMMUNICATIONS IN ALGEBRA, vol.35, no.10, pp.3253-3262, 2007 (SCI-Expanded)
- XVI. **Centralizers of involutions in locally finite-simple groups**
Berkman A., KUZUCUOĞLU M., OeZyurt E.
RENDICONTI DEL SEMINARIO MATEMATICO DELLA UNIVERSITA DI PADOVA, vol.118, pp.189-196, 2007 (SCI-Expanded)
- XVII. **Involutions in locally finite groups**
Kuzucuoglu M., Shumyatsky P.
JOURNAL OF THE LONDON MATHEMATICAL SOCIETY-SECOND SERIES, vol.69, pp.306-316, 2004 (SCI-Expanded)
- XVIII. **Non-simplicity of locally finite barely transitive groups**
Hartley B., Kuzucuoglu M.
PROCEEDINGS OF THE EDINBURGH MATHEMATICAL SOCIETY, vol.40, pp.483-490, 1997 (SCI-Expanded)
- XIX. **Hall universal group as a direct limit of algebraic groups**
Kuzucuoglu M., Zalesskii A.
JOURNAL OF ALGEBRA, vol.192, no.1, pp.55-60, 1997 (SCI-Expanded)
- XX. **Centralizers of abelian subgroups in locally finite simple groups**
Kuzucuoglu M.
PROCEEDINGS OF THE EDINBURGH MATHEMATICAL SOCIETY, vol.40, pp.217-225, 1997 (SCI-Expanded)
- XXI. **Barely transitive and Heineken Mohamed groups**
Belyaev V., Kuzucuoglu M.
JOURNAL OF THE LONDON MATHEMATICAL SOCIETY-SECOND SERIES, vol.55, pp.261-263, 1997 (SCI-Expanded)

- XXII. **CENTRALIZERS OF ELEMENTS IN LOCALLY FINITE SIMPLE-GROUPS**
HARTLEY B., KUZUCUOĞLU M.
PROCEEDINGS OF THE LONDON MATHEMATICAL SOCIETY, vol.62, pp.301-324, 1991 (SCI-Expanded)
- XXIII. **BARELY TRANSITIVE PERMUTATION-GROUPS**
KUZUCUOĞLU M.
ARCHIV DER MATHEMATIK, vol.55, no.6, pp.521-532, 1990 (SCI-Expanded)

Articles Published in Other Journals

- I. **EXISTENTIALLY AND κ -EXISTENTIALLY CLOSED GROUPS**
KAYA B., KUZUCUOĞLU M.
International Journal of Group Theory, vol.12, no.1, pp.45-54, 2023 (ESCI)
- II. **Limit Monomial Groups over Abelian Groups**
BOSTAN S., KUZUCUOĞLU M.
SOUTHEAST ASIAN BULLETIN OF MATHEMATICS, vol.44, no.6, pp.769-780, 2020 (ESCI)
- III. **Centralizers of Finite p -Subgroups in Simple Locally Finite Groups**
KUZUCUOĞLU M.
JOURNAL OF SIBERIAN FEDERAL UNIVERSITY-MATHEMATICS & PHYSICS, vol.10, no.3, pp.281-286, 2017 (ESCI)
- IV. **HOMOGENOUS FINITARY SYMMETRIC GROUPS**
Kegel O. H., KUZUCUOĞLU M.
INTERNATIONAL JOURNAL OF GROUP THEORY, vol.4, no.1, pp.7-12, 2015 (ESCI)
- V. **Centralizers in Hall's universal groups and direct limits of finitary symmetric groups**
kegel O., KUZUCUOĞLU M.
note di matematica, vol.34, pp.105-114, 2014 (Scopus)
- VI. **Construction of some simple locally finite groups**
GÜVEN Ü. B., kegel o., KUZUCUOĞLU M.
Siberian federal university mathematics and physics, vol.6, pp.437-440, 2013 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **κ -existentially closed groups**
KUZUCUOĞLU M.
Group Theory in Naples 2019 AGTA, Napoli, Italy, 22 - 24 October 2019
- II. **Limit Monomial Groups, Institut Teknologi Bandung, Indonesia, 1-4 July 2019. (Invited Speaker).**
KUZUCUOĞLU M.
5th Biennial International Group Theory Conference, Indonesia, 1 - 04 July 2019
- III. **Regular Direct Limits of symmetric groups**
KUZUCUOĞLU M.
Ischia Group Theory 2018, Napoli, Italy, 19 - 24 March 2018
- IV. **Hall's universal group and centralizers**
KUZUCUOĞLU M.
5th Cemal Koç Algebra Days, İstanbul, Turkey, 29 April 2017
- V. **Direct limits of monomial groups**
KUZUCUOĞLU M.
4th biennial international group theory conference, Kuala-Lumpur, Malaysia, 23 - 26 January 2017, pp.10-11
- VI. **Homogenous Finitary Symmetric Groups and Their Automorphisms**
KUZUCUOĞLU M.
Groups and their actions, Poznan, Poland, 22 - 26 June 2015

Supported Projects

KUZUCUOĞLU M., Project Supported by Higher Education Institutions, k -existentially kapalı grupların otomorfizmaları, 2021 - 2022

KUZUCUOĞLU M., Project Supported by Higher Education Institutions, k -existentially kapalı gruplarda altgrupların normalleyenleri, 2018 - 2020

KUZUCUOĞLU M., BOSTAN S., Project Supported by Higher Education Institutions, Lineer Grupların direkt limiti şeklindeki Lokal sonlu gruplarda merkezleyenler, 2016 - 2017

KUZUCUOĞLU M., BOSTAN S., GÜVEN Ü. B., Project Supported by Higher Education Institutions, Simetrik grupların kati köşegen tipteki gömmeleriyle elde edilen homojen simetrik grupların otomorfizma grupları içindeki elemanların merkezleyenleri, 2015 - 2016

Activities in Scientific Journals

International Journal of Group Theory , Committee Member, 2011 - Continues

Metrics

Publication: 35

Citation (WoS): 96

Citation (Scopus): 96

H-Index (WoS): 5

H-Index (Scopus): 4

Congress and Symposium Activities

Ahi Evren Üniversitesi, Working Group, Kırşehir, Turkey, 2018

Ischia Group Theory , Invited Speaker, Naples, Italy, 2018

ODTÜ SEM, Working Group, Ankara, Turkey, 2018

Non Academic Experience

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