

# Prof. MAHMUT KUZUCUOĞLU

## Personal Information

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## 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

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., Inert subgroups and centralizers of involutions in locally finite simple groups, Doctorate,

E.ÖZYURT(Student), 2003

KUZUCUOĞLU M., On locally finite groups generated by sylow subgroups and groups of finite rank, Postgraduate, Ö.MUT(Student), 2003

KUZUCUOĞLU M., Strongly residually finite FC-groups, Postgraduate, C.BETİN(Student), 2002

KUZUCUOĞLU M., Centralizers of finite dimensional elements in unitary groups, Postgraduate, M.ÇIPLAK(Student), 1998

KUZUCUOĞLU M., Finitary permutations and locally finite graphs, Postgraduate, E.YAKA(Student), 1998

KUZUCUOĞLU M., The Hall universal group, Postgraduate, H.DEMİRCİ(Student), 1998

KUZUCUOĞLU M., Locally finite simple groups as a product of two inert subgroups, Postgraduate, E.Seçkin(Student), 1996

KUZUCUOĞLU M., Locally finite simple groups as a products of two inert subgroups, Postgraduate, E.SEÇKİN(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 Academic Staff, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, August, 2018

Appointment Academic Staff, Appointment Academic Staff, Hacettepe Üniversitesi, July, 2018

Appointment Academic Staff, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, June, 2018

Appointment Academic Staff, Appointment Academic Staff, Hacettepe Üniversitesi, March, 2018

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

- I. **Normalizers of finite subgroups in homogenous symmetric groups and automorphisms**  
Guven U. B. , Kuzucuoğlu M.  
COMMUNICATIONS IN ALGEBRA, vol.47, pp.5182-5191, 2019 (Journal Indexed in SCI)
- II. **On the existence of kappa-existentially closed groups**  
Kaya B., Kegel O. H. , Kuzucuoğlu M.  
ARCHIV DER MATHEMATIK, vol.111, pp.225-229, 2018 (Journal Indexed in SCI)
- III. **kappa-Existentially closed groups**  
Kegel O. H. , KUZUCUOĞLU M.  
JOURNAL OF ALGEBRA, vol.499, pp.298-310, 2018 (Journal Indexed in SCI)
- IV. **Homogeneous monomial groups and centralizers**  
KUZUCUOĞLU M., Oliynyk B., Sushchanskyy V. I.  
COMMUNICATIONS IN ALGEBRA, vol.46, no.2, pp.597-609, 2018 (Journal Indexed in SCI)
- V. **Locally finite groups and their subgroups with small centralizers**  
ERSOY K., KUZUCUOĞLU M., Shunwatsky P.  
JOURNAL OF ALGEBRA, vol.481, pp.1-11, 2017 (Journal Indexed in SCI)
- VI. **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 (Journal Indexed in SCI)
- VII. **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 (Journal Indexed in SCI)
- VIII. **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 (Journal Indexed in SCI)

- IX. **On locally graded barely transitive groups**  
 Betin C., KUZUCUOĞLU M.  
 CENTRAL EUROPEAN JOURNAL OF MATHEMATICS, vol.11, no.7, pp.1188-1196, 2013 (Journal Indexed in SCI)
- X. **Centralizers of subgroups in simple locally finite groups**  
 ERSOY K., KUZUCUOĞLU M.  
 JOURNAL OF GROUP THEORY, vol.15, no.1, pp.9-22, 2012 (Journal Indexed in SCI)
- XI. **DESCRIPTION OF BARELY TRANSITIVE GROUPS WITH SOLUBLE POINT STABILIZER**  
 Betin C., KUZUCUOĞLU M.  
 COMMUNICATIONS IN ALGEBRA, vol.37, no.6, pp.1901-1907, 2009 (Journal Indexed in SCI)
- XII. **Centralizers of involutions in locally finite groups**  
 Kuzucuoglu M., Shumyatsky P.  
 COMMUNICATIONS IN ALGEBRA, vol.35, no.10, pp.3253-3262, 2007 (Journal Indexed in SCI)
- XIII. **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 (Journal Indexed in SCI)
- XIV. **Barely transitive groups**  
 Kuzucuoglu M.  
 TURKISH JOURNAL OF MATHEMATICS, vol.31, pp.79-94, 2007 (Journal Indexed in SCI)
- XV. **Involutions in locally finite groups**  
 Kuzucuoglu M., Shumyatsky P.  
 JOURNAL OF THE LONDON MATHEMATICAL SOCIETY-SECOND SERIES, vol.69, pp.306-316, 2004 (Journal Indexed in SCI)
- XVI. **Non-simplicity of locally finite barely transitive groups**  
 Hartley B., Kuzucuoglu M.  
 PROCEEDINGS OF THE EDINBURGH MATHEMATICAL SOCIETY, vol.40, pp.483-490, 1997 (Journal Indexed in SCI)
- XVII. **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 (Journal Indexed in SCI)
- XVIII. **Centralizers of abelian subgroups in locally finite simple groups**  
 Kuzucuoglu M.  
 PROCEEDINGS OF THE EDINBURGH MATHEMATICAL SOCIETY, vol.40, pp.217-225, 1997 (Journal Indexed in SCI)
- XIX. **Barely transitive and Heineken Mohamed groups**  
 Belyaev V., Kuzucuoglu M.  
 JOURNAL OF THE LONDON MATHEMATICAL SOCIETY-SECOND SERIES, vol.55, pp.261-263, 1997 (Journal Indexed in SCI)
- XX. **CENTRALIZERS OF ELEMENTS IN LOCALLY FINITE SIMPLE-GROUPS**  
 HARTLEY B., KUZUCUOĞLU M.  
 PROCEEDINGS OF THE LONDON MATHEMATICAL SOCIETY, vol.62, pp.301-324, 1991 (Journal Indexed in SCI)
- XXI. **BARELY TRANSITIVE PERMUTATION-GROUPS**  
 KUZUCUOĞLU M.  
 ARCHIV DER MATHEMATIK, vol.55, no.6, pp.521-532, 1990 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Limit Monomial Groups over Abelian Groups**  
 BOSTAN S., KUZUCUOĞLU M.  
 SOUTHEAST ASIAN BULLETIN OF MATHEMATICS, vol.44, no.6, pp.769-780, 2020 (Journal Indexed in ESCI)
- II. **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 (Journal Indexed in ESCI)

**III. HOMOGENOUS FINITARY SYMMETRIC GROUPS**

Kegel O. H. , KUZUCUOĞLU M.

INTERNATIONAL JOURNAL OF GROUP THEORY, vol.4, no.1, pp.7-12, 2015 (Journal Indexed in ESCI)

**IV. 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 (Refereed Journals of Other Institutions)

**V. 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 (Refereed Journals of Other Institutions)

## Refereed Congress / Symposium Publications in Proceedings

**I. k-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 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

## **Edit 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

## **Citations**

Total Citations (WOS):93

h-index (WOS):4