CURRICULUM VITAE

NAME, LAST NAME : Mahmut Kuzucuoğlu

DATE AND PLACE OF BİRTH: November 15, 1958, Denizli, Turkey

NATIONALITY : Turkish

ACADEMIC DEGREES

Professor: Algebra**,** Middle East Technical University, 1999-, Turkey
-
Doçent: Algebra**,** Middle East Technical University, 1993, Turkey
Ph.D. **:** Mathematics**,** Victoria university of Manchester, 1987, England
M.S. **:** Mathematics**,** METU and 1985 Toledo University, 1985, USA
B.Sc: Mathematics**,** Middle East Technical University, 1981, Turkey

EMPLOYMENT HISTORY

Professor 6.7.1999/present METU, Dept. of Math. Turkey
-
Associate Professor

 21/ 1993- 6.7.1999 METU, Dept. of Math., Turkey

Assistant Professor

10/1988- 10/1993 METU, Dept. of Math., Turkey

Instructor

 7/1988-10/1988 METU, Dept. of Math., Turkey

Teaching Assistant

10/1981-9/1983 METU, Dept. of Math., Turkey
1984-1985 Dept. Of Math, Toledo, USA

Visiting Positions
1. Research fellow of Manchester university 2,5 years.
2**.** Research fellow of Krasnoyarsk State Academy of Architecture and Civil Eng. University (Russia). 3 months, 1998
3. Oberwolfach Mathematische Institute Research in Pairs (RIP) 3 weeks 2003
4. Freiburg Institute for Advanced Studies 28-September-28 October, 2012.
5.) Dipartimento di Matematica e Applicazioni, Università di Napoli Federico II, 28.4.2015-18.5, 2015.

AREA OF SPECIALIZATION

Locally finite groups, centralizers of subgroups in simple groups.

SCHOLARSHIPS, AWARDS AND GRANTS

1. Honorary research fellow of Manchester University, 1993.
2. Research studentship and ORS (Overseas research students award) Manchester University.
3. Fulbright grants, 1981.
 4. Royal Society 1993 (England),
5. TUBITAK (ESEP) Scientific exchange program 1993.
6. TUBITAK, Scientific exchange program 1998.
7) 2011 and 2014 METU performance award.

EDİTORSHIPS

International Journal of Group Theory
University of Istanbul Faculty of Science the Journal of Mathematics, Physics and Astronomy, New Series

REFEREED FOR THE JOURNALS
Journal of Algebra
Communications in Algebra
Turkish Journal of Mathematics
Rendiconti   Seminario Mat. Padova
Commun. Fac. Sci. Univ. Ank. Sér. A1 Math. Stat.
Gazi   University Journal of Science
Journal of Siberian Federal University
Acta   Matematica

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

1) Turkish Mathematical Society
2) American Mathematical Society

PUBLICATIONS

Ph.D. Dissertation

Barely transitive permutation groups, Manchester university, 1987, (Supervisor: Prof. B. Hartley).

Research Articles / Refereed Conference Proceedings

1.   M. Kuzucuoglu, R. E. Phillips, Locally Finite Minimal non-FC-Groups Mathematical Proceedings Cambridge
     Phil. Soc. (1989), 105, 417-420.
2.   B. Hartley, M. Kuzucuoglu, Centralizers of Elements in Locally Funite Simple Groups: Proc. London
      Math.Soc. (3) 62 (1991) 301-324.
3.   M. Kuzucuoglu, Barely Transitive Permutation Groups. Arch. Math. Vol. 55 521-532 (1990).
4.   M. Kuzucuoglu, A note on Barely Transitive Permutation Groups Satisfying min-2 Rendiconti
     del Seminario Matematico Vol 90, 9-15; (1993).
5.   M. Kuzucuoglu, Centralizers of Semisimple Subgroups in Locally Finite Simple Groups. Rendiconti
     del Seminario Matematico 92, 79-90 (1994).
6.   M. Kuzucuoglu, Centralizers of Abelian Subgroups in Locally Finite Simple Groups. Proc. Edinburg
      Math. Soc. 40, 217-225 (1997).
7.   B. Hartley, M. Kuzucuoglu, Non-simplicity of Locally Finite Barely Transitive Groups. Proc. Edinburg
      Math. Soc. 40 483-490 (1997).
8.   M. Kuzucuoglu, A. Zalesskii, Hall Universal group as a Direct Limit of Algebraic Groups. J. Algebra
192, 55-60 (1997).
 9. V. V. Belyaev, M. Kuzucuoglu, Barely Transitive and Heineken Mohamed Groups. J. London Math Soc.,
     (2) 55, 261-263, (1997).
10. V. V. Belyaev, M. Kuzucuoglu, E. Seçkin , Totally inert groups, Rendiconti del Seminario Matematico

Vol 102 (1999).

11. M. Kuzucuoglu, Locally finite barely transitive permutation groups with almost nilpotent point
   stabilizers. Meeting in Honor of Cahit Arf (Istanbul, 1995, Turkish J. Mathematics 21, Special issue 73-75,
(1997).

12. M. Kuzucuoglu, On torsion free barely transitive groups. Turkish J. Math.**24** (2000), no 3. 273--276.

 13. V. V. Belyaev, M. Kuzucuoglu, Locally Finite Barely Transitive Groups, Algebra and Logic Vol 42,
Number 3, 147-152, 2003.

14. M. Kuzucuoglu,   P. Shumyatsky, On local finiteness of periodic residually finite groups, Proc. Edinburg
Math. Soc. 2002 306—316.

15. M. Kuzucuoglu; P. Shumyatsky, involutions in locally finite groups. J. London Math. Soc. (2) 69 (2004), no.
2, 306--316.

16. A. Berkman, M. Kuzucuoglu, E. Ozyurt, On groups with the weak wide commensurable property. *Turkish J.
Math.* 29 (2005), no. 4, 403--412

17. M. Kuzucuoglu, V. Mazurov, Finite Sylow subgroups in simple locally finite groups of Lie type, Siberian
Math. J. vol 46. no 4, 863--866, 2005.

18) Belyaev, V. V.; Kuzucuoglu, M. Locally finite barely transitive groups *Algebra Logic* **42** (2003), no. 3, 147—
152.

19. A. Berkman, M. Kuzucuo\u{g}lu, E. Ozyurt, Centralizers of involutions in locally finite simple groups,. Rend.
Semin. Mat. Univ. Padova 118 (2007), 189–196.

20 M. Kuzucuoğlu, P. Shumyatsky Centralizers of involutions in locally finite groups. Communications in
Algebra, 35:10 3253-3262 (2007).

21 M. Kuzucuoğlu. Barely Transitive Groups Turkish J. Math. 31; 79--94 (2007).

22. C. Betin, M. Kuzucuoğlu. Description of barely transitive groups. Communication in Algebra 37: 1901–1907,
2009

23) K. Ersoy, M. Kuzucuoğlu, Centralizers of subgroups in simple locally finite groups, Journal of Group Theory
15, 9-22, 2012.

24) C. Betin, M. Kuzucuoğlu, Locally graded barely transitive groups, Central European Journal of Mathematics11
(7) 1188-1196, (2013).

 25) M. Kuzucuoğlu, centralizers in simple locally finite groups, International Journal of Group Theory, Vol 2 ,
No 1, 1-10, 2013.

  26) Ü. B. Güven, O. H. Kegel, M. Kuzucuoğlu, Construction of some simple locally finite groups, J. Siberian
Federal University, Mathematics and Physics , 6(4), 437-440, 2013.

27) O. H. Kegel, M. Kuzucuoğlu, Centralizers in Hall's universal group and direct limits of finitary symmetric
groups, Note di Matematica, 34 (2014) No 1. 105-114.

28) Ü. B. Güven, O. H. Kegel, M. Kuzucuoğlu, Centralizers of subgroups in direct limits of symmetric groups
with strictly diagonal embedding, Comm. Algebra 43 (2015) No. 5 1920-1934.

29) O.H. Kegel, M. Kuzucuoğlu, Homogenous Finitary Symmetric Groups. Int. J. Group Theory 4
(2015) No.1, 7−12.

30) O. H. Kegel, M. Kuzucuoğlu, Centralizers of finite subgroups in Hall's universal group,   Rendiconti del
Seminario Matematico, to appear.

31) M. De Falco. F. de Giovanni - M. Kuzucuoğlu - C. Musella, Groups whose proper subgroups
have restricted infinite conjugacy classes, Colloquium Mathematicum, to appear.

32) M. Kuzucuoğlu, Centralizers of Finite p-Subgroups in Simple Locally Finite Groups, J. Siberian
Federal University, Mathematics and Physics, to appear.

33) K. Ersoy, M. Kuzucuoğlu, P. Shumyatsky, Locally finite groups and their subgroups with small
centralizers, J. Algebra, to appear.

34) M. Kuzucuoğlu, Bogdana Oliynyk, Vitaly I. Sushchanskyy, Homogeneous Monomial Groups and
Centralizers, Comm. Algebra, to appear.

Books
1) M. Kuzucuoğlu Graduate Algebra   Problems wıth Solutions. (1997)   :
: M. Kuzucuoğlu Exercises and Solutions in Groups Rings and Fields. (1995)
-

Chapters in Books or Monographs
 -

INTERNATIONAL CONFERENCE PARTICIPATION

Title of the Talk

1. M.Kuzucuoglu, Finite simple groups and barely transitive groups, Workshop at Oberwolfach Inst., 1996
2. M. Kuzucuoglu Locally finite barely transitive groups , Conference on Finite and locally finite groups and its applications Levico Terme Trento) Italy, 1997.(Invited speaker).

3. M. Kuzucuoglu , Barely transitive groups, Symmetry in natural science, Krasnoyarsk, Russia, 1998
V.V. Belyaev, M. Kuzucuoglu , Exponent of locally finite barely transitive groups, Symmetry in natural science Krasnoyarsk, Russia, 1998. .(Invited speaker).
4.
5. Kıvanç Ersoy, Mahmut Kuzucuoğlu.Centralizers of abelian subgroups in locally finite simple groups Contemporary Mathematics and its Applications Batumi State University, Batumi Georgia, 17-21 September 2007.(Invited speaker).

6. M. Kuzucuoğlu. Barely Transitive Groups International Conference Algebra and Its Applications, 12-18 August 2007, Krasnoyarsk, Russia. (Invited speaker).

7) M. Kuzucuoğlu, Centralizers in simple locally finite groups, ıv Congress of the mathematicians of the Republic of Macedonia Struga, 19-22 October 2008. (With K. Ersoy)
8) M. Kuzucuoğlu, Centralizers of subgroups in simple groups, Group Theory Conference, Mashhad, IRAN 10-12 March 2010. (Invited speaker).

9) M. Kuzucuoğlu, Universal groups and regular limit groups, 41st Annual Iranian Mathematics Conference, Urmia, Iran, 12-15 September, 2010 . (Invited speaker).

10) M. Kuzucuoğlu, Locally graded barely transitive groups, BIGTC , 13-18 February 2011, Johar Bahru, Malaysia. (Invited speaker).

11) M. Kuzucuoğlu, A Note on Barely Transitive Groups, Internationa conference on Modern Algebra and Its Applications 19-25-September, 2011 Batumi, Georgia. (Invited speaker).

12) M. Kuzucuoğlu, A Note on Barely Transitive Groups, Internationa conference on Modern Algebra and Its Applications 19-25-September, 2011 Batumi, Georgia. (Invited speaker)
13) M. Kuzucuoğlu, , Centralizers in Simple locally finite groups, Ischia Group Theory 2012, 26-29 March, 2012, Ischia, Italy. (Invited speaker).
14) M. Kuzucuoğlu, Centralizers of Finite p-Subgroups in Simple Locally Finite Groups, International conference "Algebraic groups and related structures" in honour of Nikolai Vavilov on the occasion of his 60th birthday St.Petersburg, Euler International Mathematical institute, 17-22 September 2012 . (Invited Speaker).
15) M. Kuzucuoğlu, Simple Direct Limit Groups and Centralizers, Biennial Internationa Group Theory Conference, 2013, Doğuş University, February 4-8. (Invited Speaker).
16) M. Kuzucuoğlu, Centralizers of subgroups in direct limits of symmetric groups, Advances in Group Theory and applications 2013, Porto Cesareo, Lecce Italy June 10-14 2013(Invited Speaker).
17) M. Kuzucuoğlu, Direct Limits of finitary Symmetric Groups, The 6th international Group theory conference, 12-13 March 2014, Golestan University, IRAN. (Invited Speaker).
18) M. Kuzucuoğlu, Homogenous finitary symmetric groups, Ischia group theory conference 2014, Naples, Italy, 2—5 April 2014. (invited speaker)
19) M. Kuzucuoğlu, Automorphisms of direct limits of symmetric groups, Caucasian Mathematics Conference CMC I Tbilisi, Georgia, September 5-6, 2014.
20) M. Kuzucuoğlu,Automorphisms of homogenous finitary symmetric groups, Brian Hartley Memorial Day, 8th October, 2014, Manchester, 2014. (Invited speaker).
21) M. Kuzucuoğlu, Homogenous Finitary Permutation Groups and Their Automorphisms, Dipartimento di Matematica, Università di Salerno Fisciano (Salerno). Italy,13. May, 2015, (Invited Speaker).

22) M. Kuzucuoğlu, Homogenous Finitary Symmetric Groups and Their Automorphisms , Groups and their actions, Bedlewo, Poznan, Poloand 22-26, June, 2015(Invited Speaker).

23) M. Kuzucuoğlu, Centralizers in infinite locally finite simple groups, Models and Groups-5 , October 8--10 2015, Tutorial 3 talks.

24) M. Kuzucuoğlu, Regular and Diagonal Embedding of Finite Symmetric Groups, 8th İranian Group Theory conference, Tabriz-İran, 2-5 February, 2016. . (plenary talk)

25) M. Kuzucuoğlu, Homogenous Monomial Groups, ISCHIA Group Theory 2016, 3-5 April 2016, Ischia, Italy. (Invited Speaker).

26) M. Kuzucuoğlu, Centralizers in Limit Monomial Groups, Algebra and Logic: Theory and applications, Siberian Federal University Krasnoyarsk, Russia, 24-29 July 2016, Professor Vladimir Levchuk and Professor A. Yu.Olshanskii On the occasion of 70.th Birthday (Invited speaker, by internet)

27) M. Kuzucuoğlu, Monomial groups, Groups and Actions: Geometry and Dynamics, Dedicated to memory of Professor Vitali Sushchansky, Ukraine, Kiev, 19-22 December, 2016. (Invited speaker).

28) M. Kuzucuoğlu, Centralizers in limit monomial groups, Fourth biennial international group theory conference 2017, Kuala Lumpur 23-26 January 2017(Invited speaker).

Only Particapated

 1 (Poster) Finite and Locally finite Groups Centralizes in Locally finite simple groups, Nato ASI, 1994

 2. 38th British Mathematical Colloquium 1986 University of Hull ,England

3.   St. Andrews Group Theory Conference 1987 (England)

4. University of Cambridge, Isaac Newton Institute for Mathematical Sciences, NATO ASI, 1997.(England). Modular Representation Theory and Subgroup Structure of algebraic groups.

5. Antalya Algebra Days, Şirince 2015

Invited Talks at National Conferences

1.   M. Kuzucuoglu, Locally finite barely transitive groups Turkish Math., Colloquim, Istanbul, (1996).

2.   M. Kuzucuoglu Lokal sonlu gruplarda elemanlarin merkezleyenleri. Altinoluk matematik günleri. Balikesir Üniversity (1997).

3. M. Kuzucuoğlu, Barely Transitive Groups .Antalya Algebra Days 17-21 May 2007 Antalya

4.Kıvanç ERSOY - Mahmut KUZUCUOĞLU. Lie tipi basit yerel sonlu gruplarda   Z_n XZ_n ile eşyapılı

değişmeli altgrupların merkezleyenleri 20. ULUSAL MATEMATİK SEMPOZYUMU 3-6 Eylül, 2007

Erzurum.

 5. M. Kuzucuoğlu, Barely Transitive Groups .Antalya Algebra Days 17-21 May 2007 Antalya.

6) C. Koç, M. Kuzucuoğlu , Central,izers of involutions in Finitary Linear Groups over Fields of Arbitrary Characteristic. Antalya Cebir Günleri Antalya (1999) (Invited Speaker).

7) Lie tipi basit yerel sonlu gruplarda Z_n x Z_n ile eşyapılı değişmeli altgrupların merkezleyenleri 20. Ulusal Matematik Sempozyumu 3-6 Eylül 2007 Erzurum , TURKEY. (Kıvanç Ersoy ile)

8) M. Kuzucuoğlu, Examples of some locally finite groups constructed as a direct limit of finite symmetric groups. TUBİTAK Feza Gürsoy Enstitüsü Istanbul, 18-22 Şubat 2010. (Invited Speaker).

9) M. Kuzucuoğlu, why are centralizers important?, Memorial Day of Prof. Dr. Cemal Koç, ODTÜ 16 May 2010. (Invited Speaker).10) M. Kuzucuoğlu, Centralizers of abelian unipotent subgroups in simple locally finite groups, Bilgi

University, 60th birthday of Prof. Oleg Belegradek. 2010. (Invited Speaker).

11) M. Kuzucuoğlu, Universal Groups, Antalya Algebra Days , 19-22 May ,2010. (Invited Speaker).

12) M. Kuzucuoğlu, Universal Groups, Algebra and Number Theory Symposium in Honour of Prof. M. Bilhan, METU, Ankara, 13-15 October 2010. Çağrılı konuşma.

13. M. Kuzucuoğlu. Sonlu ve Sonsuz Mertebeli Basit Gruplara Örnekler ve Bazı Sonuçlar, Cebir Topoloji Çalıştayı, 16-17 Haziran 2011, (Prof. Dr. Yusuf Ünlü adına), Çukurova Universitesi, Adana. (Invited Speaker).

14) M. Kuzucuoğlu. 13. Antalya Algebra Days, 18-22 May 2011, Antalya.

15) M. Kuzucuoğlu, Universal Groups, Algebra and Number Theory Symposium in Honour of Prof. M. Bilhan, METU, Ankara, 13-15 October 2010(Invited Speaker).

16) M. Kuzucuoğlu, Sonsuz Mertebeli Basit Gruplara Örnekler ve Bazı Sonuçlar, Cebir ve Topoloji Çalıştayı, 16-18 Haziran,2011 , Adana, , Yusuf Ünlü adına. (Invited Speaker).

17) M. Kuzucuoğlu, Centralizers in non-linear LFS-groups, TT-70 Fest, in the occasion of Tosun Terzioğlu's 70th birthday, Istanbul 15 March, 2012(Invited Speaker).

18) M. Kuzucuoğlu, Level preserving automorphisms of FSym(κ)(ζ), III. Cemak Koç Cebir seminer Günleri, 4 Nisan 2015, Gebze Teknik Üniversitesi (Invited Speaker).

19) M. Kuzucuoğlu, Hall's universal group and centralizers, 5th Cemal Koç Algebra Days, 29 April 2017 İstanbul Kültür University, (Invited Speaker).

20) M. Kuzucuoğlu, Gruplar Teorisi ve Sınıflandırma Problemi, 26 Mayıs 2017 Çukurova Üniversitesi , (Invited Speaker).

 CONTRIBUTIONS TO MATHEMATICAL COMMUNUTY
Teaching at Nesin Mathematical Village 2008, 1 week;   2010, 1 week
İlkyar Organization giving seminar to secondary school students 2011-2015.

Edited Books/Journals/Proceedings
-

Reviewing
-C. Koç Basic Linear Algebra Book

Mathematical Reviews

Others

1. One of the Organizer of Turkish Math Colloquim, 1994
2. Working member in Mathematics Foundation, 1996- 1999

GRADUATE STUDENT SUPERVISION

 M.S.

1. Sezgin Sezer, Centralizers of elements in locally, Finite simple groups January 1992, METU, Turkey
 2. Elif Seçkin, Locally finite simple groups as a product of two inert subgroups. 1996, METU, Turkey
 3. Murat Çiplak, Centralizers of finite dimensional elements in unitary groups, 1998, METU, Turkey

4. Huseyin Demirci, Hall Universal Group, 1998, METU, Turkey
5. Emrah Yaka,   Finitary permutations and locally finite graphs, 1998, METU, Turkey
 6. Cansu Betin Strong residually finite FC-groups 2002, METU, Turkey
7 Öznur Mut, On Locally Finite Groups Generated by Sylow Subgroups and Groups of Finite Rank, 2003.
8. Kıvanç Ersoy Minimal non-FC groups and coprime automorphisms of quasi-simple groups METU 2004

 Ph.D.
1 Erdal Özyurt Totally inert groups METU Turkey
2. Cansu Betin. Barely Transitive groups. METU 2007.
3) Kıvanç Ersoy, Centralizers of finite subgroups in simple locally finite groups 2009.

TEACHING

Graduate Course

Algebra I- II, Lie Algebra, Simple groups of Lie Type I-II, Group Theory I-II
Special topics (Finitary linear groups), Finite Groups, Infinite Groups

Undergraduate Courses

Analytic Geometry II, Calculus I-II, Discrete Math II, Linear Algebra I-II-III, Introduction to Algebra, Group Theory, Representation and Blocks of Finite Groups, Matrix Groups quadratic forms

CONTRIBUTIONS TO SOCIETY AT LARGE

 Popular Books/ Articles
-
 Others
 -

 CURRENT RESEARCH INTERESTS

Centralizers of elements in simple locally finite groups
FC-groups, Minimal non-FC-groups.

Conference Organizations

Name of the conference	Place	Year
Antalya Cebir Günleri	Antalya	1999
Antalya Cebir Günleri	Antalya	2000
Antalya Cebir Günleri	Antalya	2003
Ulusal Matematik Sempozyumu	Bilkent	1994
Antalya Cebir Günleri	Antalya	2007
Memorium Day for Prof. C. Koç	ODTÜ Ankara	16 May 2010

Algebra WorkshopII in Honour of Prof. C. Koç	Istanbul Mimar Sinan ve Boğaziçi Üniversiteleri	3-5 July 2020
Algebra and Number Theory Symposium Prof. Mehpare Bilhan	ODTÜ Ankara	13-13 October,2010
Cemal Koç Algebra Days	ODTÜ, Ankara	Nisan, 22-23, 2016

.

Konference Scientific Committee Member

XVII. Ulusal Matematik Sempozyumu	Bolu	23-26 Ağustos 2004
XVI. Ulusal Matematik Sempozyumu	Van	10-12 Eylül 2003
XIX. Ulusal Matematik Sempozyumu	Kütahya	22-25 Ağustos 2006
XV.Ulusal Matematik Sempozyumu	Mersin	4-7 Eylül 2002,
Antalya Cebir Günleri I-IX	Antalya	1999-2006
XV.Ulusal Matematik Sempozyumu	Mersin	4-7 Eylül 2002
Ulusal Matematik Sempozyumu	Erzurum	17-21 Eylül 2007
Antalya Cebir Günleri	Antalya	2007
International Conference Algebra and Its Applications	Krasnoyarsk, Russia	12-18August 2007
4.Ankara Matematik Günleri	ODTÜ	4-5 haziran 2009
Antalya Cebir Günleri	Antalya	2008-2010
Modern Algebra and its Applications	Batumi, Georgia	September 20-26 2010
The International Conference Algebra and Logic, Theory and Applications dedicated to the 75th anniversary of Yu. M. Gorchakov	Krasnoyarsk, Russia	19-25 July 2010
Algebra Workshop II in Honour of Prof. C. Koç	Istanbul	3-5 July-2010
Biennial International,GroupTheory Conference, 2011,Universiti Teknologi	Johor Bahru Malaysia	14-18, ,February, 2011
Antalya Algebra Days	Antalya	May 2011
International Conference on Modern Algebra and Its Applications	Batumi, Georgia	19-25September, 2011
7.Ankara Matematik Günleri	Bİlkent	31May-1June-2012
Biannual International Group Theory Conference, 2013, Doğuş University	İstanbul	February 4-8, 2013
Ankara Matematik Günleri	ODTÜ	2015

Antalya Algebra Days, 20-24 May, 2015, special section (Group Theory) coordinator.