

CURRICULUM VITAE

NAME, LAST NAME : Mahmut Kuzucuoğlu
DATE AND PLACE OF BIRTH : November 15, 1958, Denizli, Turkey
ADDRESS : METU Mathematics Department 06800 Ankara, Turkey
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1. EDUCATION

HIGH SCHOOL : Denizli High School (1976)
B. Sc. : Mathematics, Middle East Technical University (1981)
M.S. : Mathematics, METU (1984) and Toledo University USA (1985)
Ph. D. : Mathematics, Victoria University of Manchester, England, (Brian Hartley, 1987)

2. EMPLOYMENT HISTORY

TEACHING ASSISTANT : 27. 10.1981- 09.1983 METU, Dept. of Math., Turkey
1984 -1985 Dept. Of Math, Toledo University, USA
INSTRUCTOR : 07.04.1988 - 26.10.1988 METU, Dept. of Math., Turkey
ASSISTANT PROFESSOR : 26.10.1988 – 21.10.1993 METU, Dept. of Math., Turkey
ASSOCIATE PROFESSOR : 21.10.1993 – 06.07.1999 METU, Dept. of Math., Turkey
PROFESSOR : 06.07.1999 - present METU, Dept. of Math. Turkey

3. MANAGEMENT HISTORY

VICE CHAIR : March 1996 – June 1996 (3 Months)
OTHER :

- TUBITAK Basic Science
- Working member in Mathematics Foundation, 1996- 1999
- Faculty Human Resources Committee 18.02.2010 – 28.03.2012
- BAP Committee Faculty of Arts and Science Representative 02.09.2015 -

4. VISITING POSITIONS

- Research fellow of Manchester University, 1985-1987, 2.5 years.
- Teaching Assistant in Toledo University, 1985, 1 year.
- Research fellow of Krasnoyarsk State Academy of Architecture and Civil Eng. University (Russia). 3 months, 1998
- Oberwolfach Mathematische Institute Research in Pairs (RIP) 3 weeks 2003
- Freiburg Institute for Advanced Studies 28-September-28 October, 2012, 1 month.
- Dipartimento di Matematica e Applicazioni, Università di Napoli Federico II, 28.04.2015-18.05.2015, 3 weeks.
- University of Freiburg, Mathematisches Institute, 11-23 September, 2017, 2 weeks.
- University of Salerno, Italy 6-21 July 2024, 2 weeks.

5. AREA OF SPECIALIZATION

- Group Theory.
- Locally finite groups.
- Centralizers of subgroups in simple groups.
- Existentially Closed Groups
- Direct Limits of Symmetric Groups.

6. SCHOLARSHIPS, AWARDS AND GRANTS

- Research Assistant Toledo University USA, (1985).
- Honorary research fellow of Manchester University, (1993).
- Research studentship and ORS (Overseas research students award) Manchester University.
- Fulbright grants, (1981).
- Royal Society England, (1993).
- TUBITAK (ESEP) Scientific exchange program, (1993).
- TUBITAK, Scientific exchange program, (1998).
- METU Performance award, (2011, 2014, 2017).

7. EDITORSHIPS

- International Journal of Group Theory 20.04.2011--
- University of Istanbul Faculty of Science the Journal of Mathematics, Physics and Astronomy, New Series,

- Turkish Journal of Mathematics 22.01.2009 – 02.03.2015

Reviewing:

- Reviewer of Mathematical Reviews
- C. Koç Basic Linear Algebra Book, 2011- 2016

8. 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 Mathematica
- International Journal of Group Theory
- Bulletin of the Iranian Mathematical Society
- Mediterranean Journal of Mathematics
- Advances in Group Theory and Applications
- Southeast Asian Bulletin of Mathematics
- Ricerche di Matematica. A Journal of Pure and Applied Mathematics

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9. MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- Turkish Mathematical Society
- American Mathematical Society

10. PUBLICATIONS

Ph.D. Dissertation

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

Research Articles / Refereed Conference Proceedings

1. M. Kuzucuoğlu, R. E. Phillips. Locally Finite Minimal non-FC-Groups, *Mathematical Proc. Cambridge Phil.Soc.* (1989), 105, 417-420.
<https://doi.org/10.1017/S030500410007777X>
2. B. Hartley, M. Kuzucuoğlu, Centralizers of Elements in Locally Finite Simple Groups, *Proc. London Math.Soc.* (3) 62 (1991) 301-324. DOI: 10.1112/plms/s3-62.2.301
3. M. Kuzucuoğlu, Barely Transitive Permutation Groups.*Arch.Math.*Vol. 55 521-532 (1990). doi.org/10.1007/BF01191686
4. M. Kuzucuoğlu, A note on Barely Transitive Permutation Groups Satisfying min-2 *Rendiconti del Seminario Matematico* Vol 90, 9-15; (1993).
5. M. Kuzucuoğlu, Centralizers of Semisimple Subgroups in Locally Finite Simple Groups, *Rendiconti del Seminario Matematico* 92, 79-90 (1994).
6. M. Kuzucuoğlu, Centralizers of Abelian Subgroups in Locally Finite Simple Groups, *Proc.Edinburg Math.Soc.* 40, 217-225 (1997). doi.org/10.1017/S001309150002366X
7. B. Hartley, M. Kuzucuoğlu, Non-simplicity of Locally Finite Barely Transitive Groups, *Proc. Edinburg. Math. Soc.* 40 483-490 (1997). doi.org/10.1017/S0013091500023968
8. M. Kuzucuoğlu, A. Zalesskii, Hall Universal Group as a Direct Limit of Algebraic Groups, *J.Algebra.* 192, 55-60 (1997). doi.org/10.1006/jabr.1996.6982
9. V. V. Belyaev, M. Kuzucuoğlu, Barely Transitive and Heineken Mohamed Groups, *J. London Math Soc.* (2) 55, 261-263, (1997). DOI: 10.1112/S0024610797004870
10. M. Kuzucuoğlu, Locally Finite Barely Transitive Permutation Groups with Almost Nilpotent Point Stabilizers, *Turkish J. Mathematics* 21, 73-75, (1997).
11. V. V. Belyaev, M. Kuzucuoğlu, E. Seçkin, Totally Inert Groups, *Rendiconti del Seminario Matematico*, Vol 102, 151--156, (1999).
12. M. Kuzucuoğlu, P. Shumyatsky, On Locally Finiteness of Periodic Residually Finite Groups, *Proc. Edinburg Mathematical Soc.* 45, 717-721, (2002). [doi:10.1017/S0013091501000311](https://doi.org/10.1017/S0013091501000311)
13. V. Belyaev, M. Kuzucuoğlu, Locally Finite Barely Transitive Groups, *Algebra and Logic* 42 147-152 (2003). doi.org/10.1023/A:1023946008218
14. M. Kuzucuoğlu, On Torsion-Free Barely Transitive Groups, *Turkish J. Mathematics* 24, 273-276, (2000).
15. M. Kuzucuoğlu, P. Shumyatsky, Involutions in Locally Finite Groups, *J. London Math. Soc.* (2) 69, no. 2, 306—316, (2004). DOI: 10.1112/S0024610703005015
16. A. Berkman, M. Kuzucuoğlu, E. Ozyurt, On Groups with the Weak Wide Commensurable Property, *Turkish J. Math.* 29, no. 4, 403—412, (2005).
17. M. Kuzucuoğlu, V. Mazurov, Finite Sylow Subgroups in Simple Locally Finite Groups of Lie type, *Siberian Math. J.* vol 46. No 4, 863--866, (2005). DOI: 10.1007/s11202-005-0084-0.

18. M. Kuzucuoğlu, P. Shumyatsky, Centralizers of Involutions in Locally Finite Groups, *Communications in Algebra* 35:10 3253-3262 (2007).
doi.org/10.1080/00914030701410336
19. A. Berkman, M. Kuzucuoğlu, E. Ozyurt, Centralizers of Involutions in Locally Finite Simple Groups, *Rend. Sem. Padova*, 118, 189-196 (2007).
20. M. Kuzucuoğlu, Barely Transitive Groups, *Turkish J. Math.* 31; 79-94 (2007).
21. C. Betin, M. Kuzucuoğlu, Description of Barely Transitive Groups, *Communication in Algebra* 37: 1901–1907, (2009). doi.org/10.1080/00927870802210076
22. K. Ersoy, M. Kuzucuoğlu, Centralizers of Subgroups in Simple Locally Finite Groups, *Journal of Group Theory* 15, 9-22, (2012). doi.org/10.1515/JGT.2010.087
23. C. Betin, M. Kuzucuoğlu, Locally graded barely transitive groups, *Central European Journal of Mathematics*, 11 (7), 1188-1196, (2013). DOI: 10.2478/s11533-013-0240-x
24. M. Kuzucuoğlu, Centralizers in Simple Locally Finite Groups, *International Journal of Group Theory*, Vol 2, No 1, 1-10, (2013). DOI: [10.22108/ijgt.2013.1521](https://doi.org/10.22108/ijgt.2013.1521)
25. 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).
26. M. Kuzucuoğlu, A note on barely transitive groups. Translated from *Sovrem. Mat. Prilozh.*, Vol. 83, 2012. *J. Math. Sci. (N.Y.)* 195 (2013), no. 4, 486.
<https://doi.org/10.1007/s10958-013-1594-0>
27. O. H. Kegel, M. Kuzucuoğlu, Centralizers in Hall's Universal Group and Direct Limits of Finitary Symmetric Groups, *Note di Matematica*, 34, No 1. 105-114, (2014).
<https://doi.org/10.1285/i15900932v34n1p105>
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, No. 5, 1920-1934, (2015).
<https://doi.org/10.1080/00927872.2013.879657>
29. O. H. Kegel, M. Kuzucuoğlu, Homogenous Finitary Symmetric Groups, *Int. J. Group Theory* 4, No.1, 7–12 (2015). DOI: [10.22108/ijgt.2015.7277](https://doi.org/10.22108/ijgt.2015.7277)
30. Kegel, M. Kuzucuoğlu, Centralizers of Finite Subgroups in Hall's Universal Group *Rend. Semin. Mat. Univ. Padova* 138 (2017) 283–288,
<https://doi.org/10.4171/RSMUP/138-15>.
31. M. De Falco, F. de Giovanni, M. Kuzucuoğlu, C. Musella, Groups whose Proper Subgroups have Restricted Infinite Conjugacy Classes, *Colloq. Math.* 150, no. 2, 281–291, (2017).
DOI: 10.4064/cm7015-1-2017
32. M. Kuzucuoğlu, Centralizers of Finite p -Subgroups in Simple Locally Finite Groups, *J. Siberian Federal University, Mathematics and Physics*, 10 (3), 281—286 (2017).
DOI: 10.17516/1997-1397-2017-10-3-281-286.

33. K. Ersoy, M. Kuzucuoğlu, P. Shumyatsky, Locally Finite Groups and Their Subgroups with Small Centralizers, *J. Algebra* 481, 1–11, (2017).
<https://doi.org/10.1016/j.jalgebra.2017.02.018>
34. M. Kuzucuoğlu, Bogdana Oliynyk, Vitaly I. Sushchanskyy, Homogeneous Monomial Groups and Centralizers, *Comm. Algebra*, 2018, VOL. 46, NO. 2, 597–609
<https://doi.org/10.1080/00927872.2017.1324874>
35. O. H. Kegel, M. Kuzucuoğlu, k -existentially Closed Groups, *Journal of Algebra* 499 (2018), 298–310. <https://doi.org/10.1016/j.jalgebra.2017.12.005>.
36. B. Kaya, O. H. Kegel, M. Kuzucuoğlu; On the existence of k -existentially closed groups, *Archiv der Mathematik*, **111**, 225-229, (2018).
DOI 10.1007/s00013-018-1213-
37. O. H. Kegel, M. Kuzucuoğlu, Corrigendum and Addendum to “Centralizers of finite subgroups in Hall’s universal group”. *Rend. Semin. Mat. Univ. Padova* 142 (2019), 37–39. MR4032802
38. Ü. Büşra Güven – Mahmut Kuzucuoğlu, Normalizers of finite subgroups in homogenous symmetric groups and automorphisms, *Comm. Algebra*, (47), No 12 5182-5191 (2019). <https://doi.org/10.1080/00927872.2019.1612423>.
39. S. Bostan, M. Kuzucuoğlu, Limit Monomial Groups over Abelian Groups, *Southeast Asian Bulletin of Mathematics* (2020) 44: 769–780 .
40. B. Kaya, M. Kuzucuoğlu, Automorphisms of κ -existentially closed groups, *Monatshefte für Mathematik*. **198** (2022), no. 4, 791–804.
<https://doi.org/10.1007/s00605-022-01730-0>
41. B. Kaya, M. Kuzucuoğlu, Existentially and κ -existentially closed groups, *IJGT* , 12 (2023),no. 1, 45–54.
<https://doi.org/10.22108/ijgt.2022.131513.1758>.
42. M. Brescia, K. Ersoy, M. Kuzucuoğlu, κ -existentially closed groups: Centralizers and maximal subgroups. Submitted.
43. B. Kaya, M. Kuzucuoğlu, P. Longobardi, M. Maj, Limit groups and automorphisms of κ -existentially closed groups. *Journal of Algebra* 666 (2025) 840--849.
44. M. Brescia, K. Ersoy, M. Kuzucuoğlu, Automorphisms and centralizers of subgroups in κ -existentially closed groups, to appear in *Springer Proceedings in Mathematics & Statistics (PROMS)*.
- 45.

Open Problems

Open problems published in Kourovka Notebook Unsolved Problems in Group Theory, Problems 15.20, (2006); 18.53 (2018).

Answers to the questions 5.1 page 137 (2006), 5.18 page 138 (2006) Kourovka Notebook Unsolved Problems in Group Theory.

Ü. Büşra Güven – Mahmut Kuzucuoğlu, Open problems published in Advances in Group Theory and Applications ADV– 5C **Vol. 5**, page 141-142, (2018).

B. Kaya, M. Kuzucuoğlu, Open Problems published in Kourovka Notebook, Unsolved Problems in Group Theory Problem 20.40, Novosibirsk, (2022).

Books

1. M. Kuzucuoğlu Graduate Algebra Problems with Solutions (1997).
2. M. Kuzucuoğlu Exercises and Solutions in Groups Rings and Fields (1995).
3. M. Kuzucuoğlu Group Theory Exercises and Solutions (2014).

11. INTERNATIONAL CONFERENCE PARTICIPATION

1. M. Kuzucuoğlu, (Poster Nato ASI (1994)) Finite and Locally finite Groups Centralizes in Locally finite simple groups.
2. M.Kuzucuoğlu, Finite simple groups and barely transitive groups, Workshop at Oberwolfach Inst., 1996 (Invited speaker).
3. M. Kuzucuoğlu, Locally finite barely transitive groups, Conference on Finite and locally finite groups and its applications Levico Terme Trento Italy, 1997 (Invited speaker).
4. M. Kuzucuoğlu , Barely transitive groups, Symmetry in natural science, Krasnoyarsk, Russia, 1998
5. V.V. Belyaev, M. Kuzucuoğlu, Exponent of locally finite barely transitive groups, Symmetry in natural science Krasnoyarsk, Russia, 1998 (Invited speaker).
6. 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).
7. M. Kuzucuoğlu, Barely Transitive Groups International Conference Algebra and Its Applications, 12-18 August 2007, Krasnoyarsk, Russia. (Invited speaker).
8. M. Kuzucuoğlu, Centralizers in simple locally finite groups, IV Congress of the mathematicians of the Republic of Macedonia Struga, 19-22 October 2008 (With K. Ersoy).
9. M. Kuzucuoğlu, Centralizers of subgroups in simple groups, Group Theory Conference, Mashhad, IRAN 10-12 March 2010 (Invited speaker).

10. M. Kuzucuoğlu, Universal groups and regular limit groups, 41st Annual Iranian Mathematics Conference, Urmia, Iran, 12-15 September, 2010 (Invited speaker).
11. M. Kuzucuoğlu, Locally graded barely transitive groups, BIGTC, 13-18 February 2011, Johar Bahru, Malaysia (Invited speaker).
12. M. Kuzucuoğlu, A Note on Barely Transitive Groups, International 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 (Poster Nato ASI (1994)) Finite and Locally finite Groups Centralizes in Locally finite simple groups.
16. M. Kuzucuoğlu, Simple Direct Limit Groups and Centralizers, Biennial International Group Theory Conference, 2013, Doğuş University, February 4-8 (Invited Speaker).
17. 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).
18. M. Kuzucuoğlu, Direct Limits of finitary Symmetric Groups, The 6th international Group theory conference, 12-13 March 2014, Golestan University, IRAN. (Invited Speaker).
19. M. Kuzucuoğlu, Homogenous finitary symmetric groups, Ischia group theory conference 2014, Naples, Italy, 2—5 April 2014 (Invited speaker).
20. M. Kuzucuoğlu, Automorphisms of direct limits of symmetric groups, Caucasian Mathematics Conference CMC I Tbilisi, Georgia, September 5-6, 2014.
21. M. Kuzucuoğlu, Automorphisms of homogenous finitary symmetric groups, Brian Hartley Memorial Day, 8th October, 2014, Manchester, 2014. (Invited speaker).
22. M. Kuzucuoğlu, Homogenous Finitary Permutation Groups and Their Automorphisms, Dipartimento di Matematica, Università di Salerno Fisciano (Salerno) Italy, 13 May 2015, (Invited Speaker).
23. M. Kuzucuoğlu, Homogenous Finitary Symmetric Groups and Their Automorphisms, Groups and their actions, Bedlewo, Poznan, Poland 22-26, June, 2015(Invited Speaker).
24. M. Kuzucuoğlu, Centralizers in infinite locally finite simple groups, Models and Groups-5, October 8--10 2015, Tutorial 3 talks.
25. M. Kuzucuoğlu, Regular and Diagonal Embedding of Finite Symmetric Groups, 8th Iranian Group Theory conference, Tabriz-İran, 2-5 February, 2016 (plenary talk).
26. M. Kuzucuoğlu, Homogenous Monomial Groups, ISCHIA Group Theory 2016, 3-5 April 2016, Ischia, Italy. (Invited Speaker).
27. 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)
28. M. Kuzucuoğlu, Monomial groups, Groups and Actions: Geometry and Dynamics, Dedicated to memory of Professor Vitali Sushchansky, Taras Shevchenko National University of Kiev Ukraine, Kiev, 19-22 December, 2016. (Invited speaker).
 29. M. Kuzucuoğlu, Centralizers in limit monomial groups, Fourth biennial international group theory conference 2017, Kuala Lumpur 23-26 January 2017(Invited speaker).
 30. M. Kuzucuoğlu, Regular direct limits of symmetric groups, Ischia Group Theory 2018, Ischia (Naples, Italy), 19-24 March 2018. (Invited Speaker).
 31. M. Kuzucuoğlu, Limit Monomial Groups, 5th Biennial International Group Theory Conference, Institut Teknologi Bandung, Indonesia, 1-4 July 2019. (Invited Speaker).
 32. M. Kuzucuoğlu, k -existentially closed groups, Group Theory in Naples 2019 AGTA Workshop, Naples, Italy, October 22-24. (Plenary Speaker).
 - 33.M. Kuzucuoğlu, Explicit Examples of Algebraically Closed Groups, Ischia Group Theory (Naples, Italy), 25 March 2021, 17:00 CET - 26 March 2021, 17:00 CET, a 24-hour Zoom Conference . (Invited Speaker).
 34. M. Kuzucuoğlu, Existentially Closed Groups, 6BIGTC 2021, VELLORE INSTITUTE OF TECHNOLOGY, VELLORE, TAMIL NADU, INDIA, 04--06 March 2021. (Invited Speaker).
 35. M. Kuzucuoğlu, κ -existentially closed groups and automorphisms, Ischia Group Theory Conference (Naples, Italy), 20-25 June 2022. (Invited Speaker).
 36. M. Kuzucuoğlu, Centralizers in κ -existentially Closed Groups, Finite and Residually Finite Groups Bilbao, SPAIN. Conference for Birthday of Pavel Shumyatsky 20-23 /06/2023 (Invited speaker).
 37. M. Kuzucuoğlu, Uniqueness of κ -existentially closed groups Ischia Group Theory 2024 In honour of Prof. Otto H. Kegel 90th birthday. 8-13 April 2024 Naples, Italy (Invited Speaker).
 - 38.M. Kuzucuoğlu, κ -Existentially closed groups, Centralizers and Automorphisms, Ural Seminar on Group Theory and Combinatorics, 12 November 2024. Yekaterinburg, Russia (Online)
 39. M. Kuzucuoğlu, Examples of Existentially Closed Groups, Sultan Qaboos University, Oman, 26 February 2025 Online (Invited speaker).
 - 40.M. Kuzucuoğlu, Centralizers and automorphisms in κ -existentially closed groups. Group Theory in Salerno A conference in honor of Patrizia Longobardi and Mercedes Maj, 12-13 March 2025. (Invited speaker).
 41. M. Kuzucuoğlu, basic properties of κ -existentially closed groups and their construction, I. Anadolu Cebir Çalıştayı, Çukurova Universty,18-20 April 2025, (Invited speaker).
- 42)

12. NATIONAL CONFERENCE PARTICIPATIONS

1. M. Kuzucuoglu Lokal Sonlu Barely Transitive Grouplardan min-2 özelliği III Ulusal Matematik Sempozyumu 1990 Yüzüncü Yıl University VAN
2. M. Kuzucuoglu.A Note on Barely Transitive Permutation Groups Satisfying min-2. Cebir ve Sayılar Teorisi Sempozyumu Silivri (1990)
3. M. Kuzucuoglu Local sonlu basit gruplar Ulusal Matematik Sempozyumu Eastern Mediterranean University 8-12 September 1993 Kıbrıs.
4. M. Kuzucuoglu Centralizers in locally finite simple groups Finite and locally finite groups NATO ASI Istanbul 14-27 August 1994.
5. M. Kuzucuoglu R.E. Phillips Cebir ve Sayılar teorisi Sempozyumu 12-16 September 1988. Silivri-İstanbul.
6. M. Kuzucuoglu, Locally finite barely transitive groups Turkish Math., Colloquim, Istanbul, 1996 (Invited speaker).
7. M. Kuzucuoglu Lokal sonlu gruplarda elemanların merkezleyenleri. Altinoluk matematik günleri, Balıkesir University 1997.
8. C. Koç, M. Kuzucuoglu, Centralizers of involutions in Finitary Linear Groups over Fields of Arbitrary Characteristic. Antalya Cebir Günleri, Antalya, 1999 (Invited Speaker).
9. M. Kuzucuoglu, Barely Transitive Groups, Antalya Algebra Days 17-21 May 2007 Antalya.
10. M. Kuzucuoglu, Lie tipi basit yerel sonlu gruplarda $Z_n \times Z_n$ ile eşyapılı değişmeli altgrupların merkezleyenleri 20. Ulusal Matematik Sempozyumu 3-6 September 2007 Erzurum TURKEY. (With Kıvanç Ersoy)
11. M. Kuzucuoglu, Examples of some locally finite groups constructed as a direct limit of finite symmetric groups. TÜBİTAK Feza Gürsoy Enstitüsü Istanbul, 18-22 February 2010. (Invited Speaker).
12. M. Kuzucuoglu, why are centralizers important? Memorial Day of Prof. Dr. Cemal Koç, ODTÜ 16 May 2010. (Invited speaker).
13. M. Kuzucuoglu, Centralizers of abelian unipotent subgroups in simple locally finite groups, Bilgi University, 60th birthday of Prof. Oleg Belegradek. 2010. (Invited speaker).
14. M. Kuzucuoglu, Universal Groups, Antalya Algebra Days, 19-22 May 2010. (Invited speaker).
15. M. Kuzucuoglu, Universal Groups, Algebra and Number Theory Symposium in Honour of Prof. M. Bilhan, METU, Ankara, 13-15 October 2010. Çağrılı konuşma.

16. M. Kuzucuoglu. Sonsuz Mertebeli Basit Gruplara Örnekler ve Bazı Sonuçlar, Cebir Topoloji Çalıştayı, 16-17 June 2011, (Prof. Dr. Yusuf Ünlü adına), Çukurova Üniversitesi, Adana. (Invited Speaker).
17. M. Kuzucuoglu. 13. Antalya Algebra Days, 18-22 May 2011, Antalya.
18. M. Kuzucuoglu, Universal Groups, Algebra and Number Theory Symposium in Honour of Prof. M. Bilhan, METU, Ankara, 13-15 October 2010 (Invited Speaker).
19. M. Kuzucuoglu, Centralizers in non-linear LFS-groups, TT-70 Fest, in the occasion of Tosun Terzioğlu's 70th birthday, Istanbul 15 March, 2012(Invited Speaker).
20. M. Kuzucuoglu, Level preserving automorphisms of $\text{FSym}(\kappa)(\zeta)$, III. Cemal Koç Cebir seminer Günleri, 4 April 2015, Gebze Teknik Üniversitesi (Invited Speaker).
21. M. Kuzucuoglu, Hall's universal group and centralizers, 5th Cemal Koç Algebra Days, 29 April 2017 İstanbul Kültür University, (Invited Speaker).
22. M. Kuzucuoglu, Gruplar Teorisi ve Sınıflandırma Problemi, 26 May 2017 Çukurova Üniversitesi, (Invited Speaker).
23. M. Kuzucuoglu, Monomial Grupların Direkt Limiti ve Sınıflandırılması, Hacettepe University Department of Mathematics, 11 Ekim, 2017
24. M. Kuzucuoglu, What can we do with Cayley's Theorem, İstanbul University Mathematics Department Seminars 02.12.2020.
25. M. Kuzucuoglu, Ceyley Teoremi ve Cebirsel Kapalı Gruplar, 8. Cemal Koç Cebir Günleri 2024, Hacettepe Üniversitesi, 27. 04.2024, (Invited Speaker).

13. ONLY PARTICIPATED CONFERENCES

1. 38th British Mathematical Colloquium 1986 University of Hull (England).
2. St. Andrews Group Theory Conference 1987 (England)
3. University of Cambridge, Isaac Newton Institute for Mathematical Sciences, NATO ASI, 1997, (England). Modular Representation Theory and Subgroup Structure of algebraic groups.
4. Mathematisches Forschungstitut Oberwolfach RIP Germany 1-31 March 2003.
5. Antalya Algebra Days, Şirince 2015.
6. 6th Cemal Koç Algebra Days, Yeditepe University, İstanbul, Turkey, April 28, 2018.
7. Group Theory in Berlin, 2019 Frei University, 19-21 September, Berlin, Germany.

14. CONTRIBUTIONS TO MATHEMATICAL COMMUNITY

1. Nesin Mathematical Village, Locally Finite Groups, 2008.
2. Nesin Mathematical Village, 2010, 1 week.
3. Nesin Mathematical Village, Universal Groups, 2012.
4. İlkyar, Moduler Matematik ve Takvime Uygulamaları İlköğretim öğrencilerine seminer 2012.

5. Nesin Mathematical Village, Construction of some Infinite Simple Groups, 2013.
6. İlkyar, Asal Sayılar, İlkyar İlköğretim öğrencilerine seminer 2011, 2013.
7. ODTÜ Math Club, Neden Grup Theory (Bir Problemin Hikayesi), 21.11.2013.
8. İlkyar İletişim ve şifreleme, 19.06.2014.
9. İlkyar Sayılar ve altın oranı 2015.
10. Pamukkale Üniversitesi Doğa ve Matematik Topluluğu, Gruplar Teorisinde bir problemin hikayesi, 04.12.2015, Denizli.
11. Çankaya Üniversitesi, Matematik Bölümü, Sonlu Basit grupların Sınıflandırılmasının Hikayesi, 15.04.2016.
12. İlkyar Sayılar ve Matematikte sonsuz, 17.07.2017.
13. ODTÜ SEM (Sürekli Eğitim Merkezi) Dönem arası Seminerleri, İletişim ve Şifreleme, 5-7 Şubat 2018.
14. İLKİYAR; Matematikte sonsuz var mıdır? Varsa kaç tanedir? 03 .08. 2018.
15. Kırşehir Ahi Evran Üniversitesi, Sonlu Basit Grupların Sınıflandırılması ve Tarihçesi. 2 Kasım 2018.
16. Mehpere Gökalp Bilhan Hocamız, Matematik Dünyası, 2019.
17. ODTÜ SEM (Sürekli Eğitim Merkezi) Dönem arası Seminerleri, Kodlama ve Şifreleme, 4-5 February, 2019,
18. ODTÜ Math.Club Sonlu Basit Grupların sınıflandırılması da Basit midir? 15 October, 2023.
- 19.
- 20.

15. PROJECTS

1. BAP-01-01-2015-003 Simetrik grupların kati köşegen tipteki gömmeleriyle elde edilen homojen simetrik grupların otomorfizma grupları içindeki elemanların merkezleyenleri 2015-2016.
2. BAP-01-01-2016-002 Lineer Grupların direkt limiti şeklindeki Lokal sonlu gruplarda merkezleyenler 2016-2017.
3. GAP-101-2018-2737 k-existentially kapalı gruplarda altgrupların normalleyenleri.
- 4.

16. 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 Çıplak, 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.
9. Dilber Koçak, Classification of finitary simple locally finite groups, 2010.
10. Sema Güntürkün, Regular Limits of Infinite Symmetric Groups, 2011.
11. Özge Almaş, Monomial Groups, 2017.
12. Yağmur Gürel, Existentially Closed Groups, 2021.
13. Caner Doğuş Demirci, κ -existentially closed groups 2024.
14. Deniz Dalkıran

- **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.
4. Ülviye Büşra Güven, Normalizers in Homogeneous Symmetric Groups 2017.
5. Sezen Bostan, Limit Monomial Groups, 2021.

10. 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.

11. CURRENT RESEARCH INTERESTS

Centralizers of elements in simple locally finite groups

FC-groups, Minimal non-FC-groups.

Existentially Closed Groups

Direct Limits of Symmetric Groups

12. CONFERENCE ORGANIZATIONS

1. One of the Organizer of Turkish Math Colloquim, Bilkent, 1994
2. Antalya Algebra Days, Antalya, 1999
3. Antalya Algebra Days, Antalya, 2000
4. Antalya Algebra Days, Antalya, 2003
5. Antalya Algebra Days, Antalya, 2007
6. 6. Memorium Day for Prof. C. Koç ODTÜ Ankara 16 May 2010
7. Algebra Workshop II in Honour of Prof C. Koç, Istanbul Mimar Sinan ve Boğaziçi Üniversiteleri 3-5 July 2010
8. Algebra and Number Theory Symposium Prof.Mehpare Bilhan, ODTÜ Ankara, 13 October 2010
9. Cemal Koç Algebra Days, ODTÜ, Ankara, 22-23 April 2016

13. CONFERENCE SCIENTIFIC COMMITTEE MEMBER

1. XVII. Ulusal Matematik Sempozyumu, Bolu, 23-26 August 2004
2. XVI. Ulusal Matematik Sempozyumu, Van, 10-12 September 2003
3. 3. XIX. Ulusal Matematik Sempozyumu, Kütahya, 22-25 August 2006
4. XV.Ulusal Matematik Sempozyumu, Mersin, 4-7 September 2002
5. Antalya Algebra Days I-IX, Antalya, 1999-2006
6. XV.Ulusal Matematik Sempozyumu, Mersin, 4-7 September 2002
7. 7. Ulusal Matematik Sempozyumu, Erzurum, 17-21 September 2007
8. Antalya Algebra Days, Antalya, 2007
9. International Conference Algebra and Its Applications Krasnoyarsk, Russia, 12-18 August 2007
10. 4. Ankara Matematik Günleri, ODTÜ, 4-5 June 2009

11. Antalya Algebra Days, Antalya, 2008-2010
12. Modern Algebra and its Applications, Batumi, Georgia, 20-26 September 2010
13. The International Conference Algebra and Logic, Theory and Applications dedicated to the 75th anniversary of Yu. M. Gorchakov Krasnoyarsk, Russia, 19-25 July 2010
14. Algebra Workshop II in Honour of Prof. C. Koç, Istanbul 3-5 July 2010
15. Biennial International, Group Theory Conference, 2011, Universiti Teknologi Johor Bahru, Malaysia 14-18 February 2011
16. Antalya Algebra Days, Antalya, May 2011
17. International Conference on Modern Algebra and Its Applications Batumi, Georgia, 19-25 September, 2011
18. 7. Ankara Matematik Günleri, Bilkent, 31 May-1 June-2012
19. Biannual International Group Theory Conference, 2013, Doğuş University İstanbul, 4-8 February 2013
20. The International Conference Algebra and Logic, Theory and Applications Krasnoyarsk, Russia, 2013
21. Ankara Matematik Günleri, ODTÜ, 2015
22. Antalya Algebra Days, 20-24 May 2015, Special session coordinator (Group Theory).
23. Ulusal Matematik Sempozyumu 7-9 September 2015 Antalya, Special session coordinator (Group Theory)
24. 8th. Iranian Group Theory Conference, University of Tabriz, February 3-5, 2016
25. Algebra and Logic: Theory and applications, Professor Vladimir Levchuk and Professor A.Yu. Olshanskii 70.th Birthday, Siberian Federal University Krasnoyarsk, Russia, 24-29 July 2016.
26. 5th Biennial International Group Theory Conference, Institut Teknologi Bandung, Indonesia, 1-4 July 2019.
27. Group Theory in Berlin, Freie Universität Berlin, 19-21 September 2019.
28. Biannual International Group Theory Conference (6BIGTC) 2021, VELLORE INSTITUTE OF TECHNOLOGY, VELLORE, TAMIL NADU, INDIA, 04--06 March 2021.
29. 36. Ulusal Matematik Sempozyumu, Amasya Üniversitesi 9-12 Eylül 2024.

Others

ODTÜ Matematik Topluluğu tarafından düzenlenen
"Matematik Sohbetleri" adlı panel
11 Mayıs 2016 Çarşamba
Saat: 15:45'te
Cahit Arf Amfisi

Panelistler:
Mahmut Kuzucuoğlu
Yıldıray Ozan

Cem Tezer

Moderatör:
Ali Dođanaksoy