

Yeliz KARA

yelizkara@uludag.edu.tr

Last modified: May 2020.



Institute Affiliation

Bursa Uludağ University,
Department of Mathematics,
16059 Görükle, Bursa, Turkey.

Education

Ph.D., Hacettepe University, Mathematics, Ankara, Turkey (June 2016).
M.S., Bursa Uludağ University, Mathematics, Bursa, Turkey (February 2012).
B.S., Bursa Uludağ University, Mathematics, Bursa, Turkey (June 2010).

Advisors

Gary F. Birkenmeier, Postdoc mentor; Adnan Tercan, Ph.D. advisor; Sibel Yalçın, M.S. advisor.

Job Experience

2020-Present, Assoc. Prof. Dr., Bursa Uludağ University, Department of Mathematics.
2020-2020 Asst. Prof. Dr., Bursa Uludağ University, Department of Mathematics.
2016-2020, Res. Asst., Dr., Bursa Uludağ University, Department of Mathematics.
2012-2016, Res. Asst., Hacettepe University, Department of Mathematics.
2011-2012, Res. Asst., Bursa Uludağ University, Department of Mathematics.

Visiting Positions

May 2018 to February 2019, University of Louisiana at Lafayette, Department of Mathematics, USA.

Research Areas

Noncommutative Algebra, Ring and Module Theory, Lattice Theory.

Honors and Awards

2018, TÜBİTAK BİDEB 2219 Postdoctoral Fellowship,

2012, TÜBİTAK BİDEB 2211 Fellowship,

2010, TÜBİTAK BİDEB 2210 Fellowship,

2010, Bursa Uludağ University, Faculty of Art and Science, Magna Cum Laude.

Publications

- 1) **Kara, Y.**, Tercan, A., *Modules whose certain submodules are essentially embedded in direct summands*, *Rocky Mount. J. Math.*, 2016, 42 (2), 519-532.
- 2) **Kara, Y.**, Tercan, A., Yaşar, R., *PI-extending modules via nontrivial complex bundles and Abelian endomorphism rings*, *Bull. Iranian Math. Soc.*, 2017, 43 (1), 121-129.
- 3) **Kara, Y.**, Tercan, A., *Modules which are self- p -injective relative to projection invariant submodules*, *An. Şt. Univ. Ovidius Constanta*, 2017, 25 (1), 117-129.
- 4) **Kara, Y.**, Tercan, A., *On the inheritance of the strongly π -extending property*, *Comm. Algebra*, 2017, 45 (8), 3627–3635; *Corrigendum 2019*.
- 5) Birkenmeier, G. F., **Kara, Y.**, Tercan, A., *π -Baer Rings*, *J. of Algebra and its Appl.*, 2018, 17 (2), 1850029, 19 pages.
- 6) **Kara, Y.**, *Modules whose p -submodules are direct summands*, *Turkish J. Math.*, 2018, 42, 28-33; 2018, 42, 2774.

- 7) **Kara, Y.**, Tercan, A., *When some complement of a \mathcal{Z} -closed submodule is a summand*, Comm. Algebra, 2018, 46 (7), 3071–3078.
- 8) **Kara, Y.**, *Modules whose projection invariant submodules have projection invariant closures*, Miskolc Math. Notes, 2018, 19 (2), 945-952.
- 9) Albu, T. **Kara, Y.**, Tercan, A., *Fully invariant-extending modular lattices, and applications (I)*, J. Algebra, 2019, 517, 207-222.
- 10) Birkenmeier, G. F., **Kara, Y.**, Tercan, A., *A survey of rings satisfying annihilator or extending conditions of projection invariant ideals*, Advances in Algebra, Springer, 2019, 53-65.
- 11) **Kara, Y.**, Tercan, A., *Generalized extending modules via exchange and clean properties*, in Rings, Modules and Codes, Contemporary Mathematics, vol. 727, Amer. Math. Soc., Providence, RI, 2019, 201-210.
- 12) **Kara, Y.**, Tercan, A., *π -extending property via on singular submodules*, Kygunpook Math., J., 2019, 59(3), 391-401.
- 13) **Kara, Y.**, *Modules whose h -closed submodules are direct summands*, Southeast Asian, Bull. Math., Southeast Asian Bull. Math., 2020, 44(1), 79-86.
- 14) Birkenmeier, G. F., **Kara, Y.**, Tercan, A., *π -Endo Baer Modules*, Comm. Algebra, 2020, 48(3), 1132-1149.
- 15) Birkenmeier, G. F., **Kara, Y.**, Tercan, A., *π -Rickart Rings*, J. of Algebra and its Appl., to appear (accepted).
- 16) Eroğlu, N., **Kara, Y.**, Tercan, A., *Projection invariant-extending property on dominant submodules*, submitted.
- 17) **Kara, Y.**, *On strongly PI-lifting modules*, submitted.
- 18) Birkenmeier, G. F., **Kara, Y.**, *A partial order on subsets of Baer bimodules with applications to C^* -modules*, submitted.
- 19) Albu, T. **Kara, Y.**, Tercan, A., *Strongly fully invariant-extending modular lattices*, in submitted.

20) Birkenmeier, G. F., **Kara, Y.**, Tercan, A., Quasi-s.Baer modules and related modules, submitted.

21) **Kara, Y.**, *On dual π -endo Baer modules*, submitted.

Books

1) Tercan, A., **Kara, Y.**, *Modül ve Halka Teori Latis Teorik Yaklaşımlar*, Efil Yayınevi, Ankara, 2015.

International Conferences

1. International Natural Science, Engineering and Material Technologies Conference, NEM2019, İstanbul, 9-10 September 2019 (with oral presentation).
2. Noncommutative rings and their applications V, Lens, France, 12-15 June 2017 (with oral presentation).
3. Antalya Algebra Days XIX, İzmir, 17-21 May 2017 (with oral presentation).
4. International Conference on Mathematics and Engineering, İstanbul, 10-12 May 2017 (with oral presentation).
5. International Conference on Approximation Theory and its Applications, Sibiu, Romania, 26-29 May 2016 (with oral presentation).
6. International Conference on Mathematics and Mathematics Education, Elazığ, Turkey, 12-14 May 2016 (with oral presentation).
7. Some Trends in Algebra 2015, Prague, Czech Republic, 1-4 September 2015 (with oral presentation).
8. 3rd International Eurasian Conference on Mathematical Sciences and Applications, Vienna, Austria, 25-28 August 2014 (with oral presentation).
9. International Conference On Algebra and Number Theory, Samsun, Turkey, 5-8 August 2014 (Local Organization Committee Member).

10. International Conference On Algebra In Honour of Patrick Smith and John Clark's 70th Birthdays, Balıkesir, Turkey, 12-15 August 2013 (Local Organization Committee Member).

National Conferences and Workshops

1. 4th Ring, Module and Algebra Workshop, 1-5 June 2015, Hacettepe University, Ankara.
2. 14th Mathematics Symposium, 14-16 May 2015, Niğde University, Niğde (with oral presentation).
3. 2th Workshop of Association for Turkish Women in Maths, 1-3 May 2015, Cumhuriyet University, Sivas (with oral presentation).
4. 2th Ring, Module and Algebra Workshop, 24-28 June 2013, Izmir Institute of Technology, Izmir.
5. 12th Mathematics Symposium, 23-25 May 2013, Hacettepe University, Ankara.

Seminars

1. “*Extending property via on projection invariant submodules*”, Yıldız Technical University, Istanbul, June 2017, (<http://www.mat.yildiz.edu.tr/haberler/Seminer>).
2. A series of talks entitled “ *π -Baer Rings*”, University of Louisiana at Lafayette, Louisiana, USA, October 2018, (<https://math.louisiana.edu/node/95>).
3. “*Baer Halka Teorisi ve Kuantum Mekaniği*” Bursa Uludağ University, Bursa, March 2019, (<http://www.uludag.edu.tr/matematik/default/haber/6076>).