Yeliz KARA

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Institute Affiliation

Bursa Uludağ University,

Department of Mathematics,

16059 Görükle, Bursa, Turkey.

Education

Ph.D, Hacettepe University, Mathematics, Ankara, Turkey (June 2016).

M.S. Uludağ University, Mathematics, Bursa, Turkey (February 2012).

B.S., 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

2016- Present, Research Asistant, Bursa Uludağ University, Department of Mathematics.

2012-2016, Research Asistant, Hacettepe University, Department of Mathematics.

2011-2012, Research Asistant, 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, Injective Modules, Extending Modules, Lattice Theory.

Honors and Awards

2018, TUBİTAK BİDEB 2219 Postdoctoral Fellowship,

2012, TUBİTAK BİDEB 2211 Fellowship,

2010, TUBİTAK BİDEB 2210 Fellowship,

2010, Uludağ University, Faculty of Art and Science, Highest Degree.

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.

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.

7) **Kara, Y.,** Tercan, A., *When some complement of a 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, to appear.

9) Albu, T. **Kara, Y**., Tercan, A., *Fully invariant-extending modular lattices, and applications (I),* J. Algebra, in press

10) Birkenmeier, G. F., **Kara, Y.,** Tercan, A., *A survey of rings satisfying annihilator or extending conditions of projection invariant ideals,* Proceedings in Math. & Statis., Springer, , in press.

11) **Kara, Y**., Tercan, A., *Generalized extending modules via exchange and clean properties*, Contemporary Mathematics, in press.

12) **Kara, Y**., Tercan, A., *π-extending property via on singular submodules Kygunpook Math., J., in press. .*

13) **Kara, Y.,** *Modules whose h-closed submodules are direct summands,* submitted.

14) Eroğlu, N., **Kara, Y.,** Tercan, A., *Projection invariant-extending property on dominant*

submodules, submitted.

15) Birkenmeier, G. F., **Kara, Y.,** Tercan, A., *Principally p-π-Baer Rings,* submitted.

Books

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

Ankara, 2015.

International Conferences

1. Noncommutative rings and their applications V, Lens, France, 12-15 June 2017 (with oral presentation).
2. Antalya Algebra Days XIX, İzmir, 17-21 May 2017 (with oral presentation).
3. International Conference on Mathematics and Engineering, İstanbul, 10-12 May 2017 (with oral presentation).
4. International Conference on Approximation Theory and its Applications, Sibiu, Romania, 26-29 May 2016 (with oral presentation).

5. International Conference on Mathematics and Mathematics Education, Elazığ, Turkey, 12-14 May 2016 (with oral presentation).
6. Some Trends in Algebra 2015, Prague, Czech Republic, 1-4 September 2015 (with oral presentation).
7. 3rd International Eurasian Conference on Mathematical Sciences and Applications,
   Vienna, Austria, 25-28 August 2014 (with oral presentation).

8. International Conference On Algebra and Number Theory, Samsun, Turkey, 5-8 August 2014 (Local Organization Commitee Member).
9. International Conference On Algebra In Honour of Patrick Smith and John Clark's 70th Birthdays, Balıkesir, Turkey, 12-15 August 2013 (Local Organization Commitee 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

Extending property via on projection invariant submodules, Yıldız Technical University, Istanbul, June 2017, (http://www.mat.yildiz.edu.tr/haberler/Seminer).