

CURRICULUM VITAE

Evrin AKALAN

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EDUCATION

Degree	Department	University	Year
BSc	Mathematics	Middle East Technical University	2002
MSc	Mathematics	Hacettepe University	2004
PhD	Mathematics	University of Warwick	2008

WORK EXPERIENCE

Job Title	Institution	Year
Research Asst.	Hacettepe University, Department of Mathematics	2002-2005
Dr. Lecturer	Hacettepe University, Department of Mathematics	2008-2010
Asst. Professor	Hacettepe University, Department of Mathematics	2010-2013
Assoc. Professor	Hacettepe University, Department of Mathematics	2013-2019
Professor	Hacettepe University, Department of Mathematics	2019

RESEARCH INTERESTS

Associative rings and algebras, noncommutative rings, module theory. Specifically: multiplicative ideal theory, order theory, clean rings, graded rings, extending modules.

PUBLICATIONS

1. E. Akalan, H. Marubayashi and A. Ueda, "Strongly Graded Rings over Hereditary Noetherian Prime Rings", Bulletin of the Malaysian Mathematical Sciences Society, 2019.
2. E. Akalan, "A Characterization of G-Dedekind prime Morita Contexts", Vietnam Journal of Mathematics, 2019.
3. E. Akalan, H. Marubayashi and A. Ueda, "Generalized Hereditary Noetherian Prime Rings", Journal of Algebra and its Applications 17 (8), (22 pages), 2018.
4. E. Akalan, B. Sarac, "Localizations at Prime Ideals in Bounded Rings", Bull. of the Iranian Math. Soc. 43 (7), 2269-2274, 2017.
5. E. Akalan, "Group Rings which are G-Dedekind Prime Rings", Communications in Algebra 45, 694-697, 2017.
6. E. Akalan, P. Aydogdu, H. Marubayashi, B. Sarac and A. Ueda, "Projective Ideals of Skew Polynomial Rings over HNP Rings", Communications in Algebra 45, 2546-2556, 2017.
7. E. Akalan, H. Marubayashi, "Multiplicative Ideal Theory in Non-commutative Rings", Springer Proceedings in Mathematics and Statistics, Volume 170, 1-21, 2016.
8. B. Sarac, E. Akalan, P. Aydogdu and H. Marubayashi, "Rings of Morita Contexts which are Maximal Orders", Journal of Algebra and its Applications 15 (6), 1-13, 2016.
9. E. Akalan, M. R. Helmi, H. Marubayashi, A. Ueda, "Bounded generalized Dedekind prime rings", Bull. Math. Soc. Sci. Roumanie Tome 56 (104) No.1, 25-31, 2013.
10. E. Akalan, L. Vas, "Classes of almost clean rings", Algebras and Representation Theory 16 No. 3, 843-857, 2013.
11. E. Akalan, G. F. Birkenmeier, A. Tercan, "Characterizations of extending and G-extending generalized triangular matrix rings", Communications in Algebra 40, 1-17, 2012.
12. E. Akalan, G. F. Birkenmeier, A. Tercan, "Goldie extending rings", Communications in Algebra 40, 423-428, 2012.

13. E. Akalan, G. F. Birkenmeier, A. Tercan, "A characterization of Goldie extending modules over Dedekind domains", Journal of Algebra and its Applications 10:6, 1291-1299, 2011.
14. E. Akalan, B. Sarac, "New characterizations of generalized Dedekind prime rings", Journal of Algebra and its Applications 10:5, 821-825, 2011.
15. E. Akalan, "Ore extensions over PI G-Dedekind prime rings", Communications in Algebra 39, 594-600, 2011.
16. E. Akalan, "On rings whose reflexive ideals are principal", Communications in Algebra 38, 3174-3180, 2010.
17. E. Akalan, "Rings with enough invertible ideals and their divisor class groups", Communications in Algebra 37, 4374-4390, 2009.
18. E. Akalan, G. F. Birkenmeier, A. Tercan, "Goldie extending modules", Communications in Algebra 37, 663-683, 2009.
19. E. Akalan, "On generalized Dedekind prime rings", Journal of Algebra 320, 2907-2916, 2008.

HONORS

- "Project Performance Prize", The Scientific and Technological Research Council of Turkey, 2018.
- "Young Scientist Prize", Hacettepe University, 2015.
- Fellowship from Turkish Higher Education Council, "PhD Abroad", 2005-2008.

GRANTS AND FUNDING

Funded Research Projects

- The Scientific and Technological Research Council of Turkey (TUBITAK).

Project Title: "Determining structure of rings by means of their modules, and finiteness conditions", No: 117F084

01.10.2017- present.

- The Scientific and Technological Research Council of Turkey (TUBITAK), Principal Investigator.

Project Title: "Multiplicative Ideal Theory in Noncommutative Rings", No: 113F032

01.11.2013-01.11.2016.

Funded Joint Works

- Visiting Scientists Fellowship Program grant from The Scientific and Technological Research Council of Turkey, 2011 – Joint work with Professor Lia Vas.
- Visiting Scientists Fellowship Program grant from The Scientific and Technological Research Council of Turkey, 2012 –Joint work with Professor Hidetoshi Marubayashi.
- Visiting Scientists Fellowship Program grant from The Scientific and Technological Research Council of Turkey, 2013 –Joint work with Professor Hidetoshi Marubayashi.

CONFERENCES AND TALKS

Talks

2018 "*Strongly Graded Rings over Hereditary Noetherian Prime Rings*", International Conference on Pure and Applied Mathematics , Van, Turkey.

2017 "*Generalized Hereditary Noetherian Prime Rings*", Noncommutative Rings and Their Applications V, Lens, France.

2017 "*A Generalization of Hereditary Noetherian Prime Rings*", ICRAPAM 2017, Aydin, Turkey.

2016 "*Projective Ideals of Skew Polynomial Rings over HNP Rings*", Antalya Algebra Days XVIII, Sirince, Turkey.

2015 "*Multiplicative Ideal Theory: Past and Recent*", Some Trends in Algebra 2015, Prague, Czech Republic.

2015 "*A Survey of Noncommutative Multiplicative Ideal Theory*", Antalya Algebra Days XVII, Sirince, Turkey.

2014 Invited Speaker, "*Multiplicative Ideal Theory in Non-commutative Rings*", Arithmetic and Ideal Theory of Rings and Semigroups, Graz University, Austria.

2010 Invited Speaker, "*Generalizations of Unique Factorization Rings*", Bilkent University, Ankara.

2010 Invited Speaker, "*On Rings whose Reflexive Ideals are Principal* ", Ankara University, Ankara.

2010 Invited Speaker, "*Generalizations of Unique Factorization Rings*", Middle East Technical University, Ankara.

2009 "*Divisor Class Groups of Certain Noncommutative Rings*", Antalya Algebra Days XI, Antalya.

2008 "*On Generalized Dedekind Prime Rings*", International Conference on Ring and Module Theory, Hacettepe University, Ankara.

2008 "*On Generalized Dedekind Prime Rings*", International Conference on Algebra and its Applications, Ohio University, Athens, U.S.A.

2007 "*Rings with enough invertible ideals and their divisor class groups*", International Conference on Rings and Things, Ohio University, Zanesville, U.S.A.

2007 "*Rings with enough invertible ideals and their divisor class groups*", BMC, Swansea, Wales.

2007 Seminar, "*Measuring the lack of unique factorization*", University of Warwick, U. K.

2004 Seminar, "*Injectivity of Direct Sums*", Hacettepe University, Ankara.

Participant

2012 Women and Science-I, Cankaya University, Ankara.

2011 6. Ankara Mathematics Days, Hacettepe University, Ankara.

2010 5. Ankara Mathematics Days, TOBB University, Ankara.

2009 Conference on Noncommutative Ring Theory and its Applications, Artois University, Lens, France.

2006 Workshop, Recent Advances in Classical Ring Theory-Goldie Memorial Meeting, University of Warwick, U. K.

2005 Workshop, Algebras and Representation Theory, University of Warwick, U. K.

2004 17. National Mathematics Symposium, Abant İzzet Baysal University, Bolu, Turkey.

PROFESSIONAL ACTIVITIES

Editor

- Hacettepe Journal of Mathematics and Statistics (Indexed in : Science Citation Index Expanded, Journal Citation Reports, Mathematical Reviews, Zentralblatt MATH.)

Reviewer

- Journal of Algebra and its Applications
- Mediterranean Journal of Mathematics
- International Journal of Mathematics and Mathematical Sciences
- Indian Journal of Pure and Applied Mathematics
- Indian Journal of Mathematics
- Contemporary Mathematics of American Mathematical Society
- International Electronic Journal of Algebra
- Bulletin of the Allahabad Mathematical Society
- European Journal of Pure and Applied Mathematics
- Turkish Journal of Mathematics
- Italian Journal of Pure and Applied Mathematics
- Mathematical Reviews (Reviewer)

Thesis Supervised

- MSc student H. Deniz Caglar, continuing.
- PhD student Nazli Makbule Polat, continuing.
- MSc Thesis, Gozde Kocak, "Generalizations of Dedekind Prime Rings", 2015.

Examiner

- MSc Thesis, Merve Akin, Hacettepe University, 2017.
- MSc Thesis, Yeliz Yakut, Hacettepe University, 2017.
- PhD Thesis, Umut Sayin, Hacettepe University, 2017.
- PhD Thesis, H. Melis Tekin Akcin, Hacettepe Univeristy, 2015.

- PhD Thesis, Berke Kalebogaz, Hacettepe University, 2014.
- TUBITAK "2214-2219 PostDoc Abroad Grant" Examiner.
- TUBITAK "1001 Scientific and Technological Research Projects Funding Program" Examiner.

Conference Organizations

- 5. Workshop on Rings, Modules and Algebras-(Serre's Conjecture), Hacettepe University, June 2016, Ankara.
- 4. Workshop on Rings, Modules and Algebras-(Multiplicative Ideal Theory in Noncommutative Rings-Krull-Schmidt Theorem), Hacettepe University, June 2015, Ankara.
- 6. Ankara Mathematics Days, June 2011, Hacettepe University, Ankara.
- International Conference on Rings and Modules, August 2008, Hacettepe University, Ankara.

SERVICE AT HACETTEPE UNIVERSITY

Department of Mathematics service

- Vice Head of Department, February 2018-present.
- Coordinator of Graduate Program, September 2017-present.
- Advisor of undergraduate students in mathematics, July 2008-present.

Teaching Experience and Curriculum Development

- Created "Number Theory with Cryptographic Applications" in 2009.

Courses Taught:

- Abstract Algebra
- Linear Algebra
- Elementary Number Theory
- Ring and Module Theory.

- Calculus Courses
- Advanced Calculus.