

Asst. Prof. Cihat ABDİOĞLU

Karamanoğlu Mehmetbey University

Faculty of Education, Department of Primary Education

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RESEARCH INTERESTS

- Algebra and Number Theory
- Ring and Module Theory, Derivations in Rings and Their Applications
- Graph theory
- Mathematics Education, Primary Education

EDUCATION

Gebze Technical University

Ph.D., Mathematics

-**Advisor:** Assoc. Prof. Dr. M. Tamer KOŞAN

-**Dissertation:** Generalized Local Cohomology Modules and Filter Regular Sequences

Gebze-Kocaeli

March, 2014

Gebze Technical University

M.Sc., Mathematics

- **Advisor:** Asst. Prof. Dr. M. Tamer KOŞAN

- **Dissertation:** Projection Invariant Submodules and Lifting Condition

Gebze-Kocaeli

June, 2011

Kocaeli University

B.Sc., Mathematics

Kocaeli

June, 2009

WORK EXPERIENCE

Karamanoğlu Mehmetbey University

Karaman

- *Asst. Prof. Dr.*
- *Dr.*
- *Research Assistant*

June, 2015 - present

June, 2014 - June, 2015

December, 2009 - September, 2010

Gebze Technical University

Gebze-Kocaeli

- *Research Assistant*

September, 2010 - June, 2014

ADMINISTRATIVE DUTIES

Karamanoğlu Mehmetbey University

- *Head of the Division of Classroom Education* *June, 2017 - present*
- *Faculty Board Member of Faculty of Education (As assistant professor representative)* *April, 2017 - present*
- *Vice President of Department of Primary Education* *November, 2016- present*

COURSES TAUGHT

Spring Semester 2016-2017

Graduate

- Graph Theory Applications
- Ring Theory-II

Undergraduate

- Basic Mathematics-II
- Mathematics-II (Food Engineering)
- Mathematics-II (Biyoengineering)

Fall Semester 2016-2017

- Graph Theory
- Ring Theory-I

- Basic Mathematics -I (Classroom Teaching)
- Computer-I (Classroom Teaching)
- Mathematics -I (Food Engineering)
- Mathematics -I (Biyoengineering)
- Mathematics -I (Technical Sciences Vocational School, Food Technology)

PUBLICATIONS

Papers published in international academic journals

12. **Abdioğlu, C.** and Zemlicka, J. (2018). On type-ADS modules and rings. *J. Algebra Appl.* 17(5): (SCI-E)
11. **Abdioğlu, C.** and Çevik, M. (2017). Evaluation of ALES according to academic and administrative staffs' opinions: Karamanoğlu Mehmetbey University case. *Kastamonu University, Kastamonu Education Journal* 25(2):719-732 (ISI THOMSON REUTERS)
10. **Abdioğlu, C.** and Lee, T.-K. (2017). A functional identity with applications to Jordan- σ -bi-derivations. *Commun. Algebra* (45)4:1741-1756. (SCI-E)

9. **Abdioğlu, C.** (2016). McCoy rings and matrix rings with McCoy 0-multiplication. *Adiyaman University Journal of Science*, 6(2):202-216. (EBSCOHOST, etc.)
8. Çevik, M. and **Abdioğlu, C.** (2016). Evaluation of the new math curriculum implemented in high schools by views of teachers and students in secondary education. *The Turkish Online Journal of Educational Technology Special Issue* (November):924-938. (ERIC, etc.)
7. **Abdioğlu, C.** (2016). Skew hochschild extension. *Southeast Asian Bull. Math.* 40(1):1-14. (Scopus)
6. **Abdioğlu, C.** (2016). Zero divisor graph of matrix rings and Hurwitz rings. *Turkish J. Math.* 40(1):201-209. (SCI-E)
5. **Abdioğlu, C.** and Şahinkaya, S. (2015). Some results on δ –semiperfect rings and δ –supplementedmodules. *Kyungpook Math. J.* 55(2):289-300. (Scopus, zbMATH)
4. **Abdioğlu, C.** (2014). On superfluous subgroups and fully invariant subgroups. *Hacet. J. Math. Stat.* 43(5):689-697. (SCI-E)
3. **Abdioğlu, C.,** Şahinkaya, S. and Kör, A. (2014). Rigid, quasi-rigid and matrix rings with $(\sigma; 0)$ –multiplication. *Algebra Discrete Math.* 17(1):1-11. (Scopus, zbMATH)
2. **Abdioğlu, C.,** Khashyarmanesh, K. and Koşan, M.T. (2011). On the support of general local cohomology modules and filter regular sequences. *Quaest. Math.* 34(4):497-505. (SCI-E)
1. **Abdioğlu, C.,** Şahinkaya, S. and Koşan, M.T. (2010). On modules for which all submodules are projection invariant and the lifting condition. *Southeast Asian Bull. Math.* 34:807-818. (zbMATH)

CONFERENCE PRESENTATIONS

Presentations in international conferences

5. **Abdioğlu, C.** On the zero divisor graph of matrix rings. *International Conference on Differential Geometry, Algebra and Analysis (ICDCAA-16)*. 15-17 November 2016, Jamia Milia Islamia, New Delhi-INDIA.
4. **Abdioğlu, C.,** and Lee T.-K. A functional identity and its applications to some derivation classes. *International Conference on Algebra and its Applications (ICAA-16)*. 12-14 November 2016, Aligarh Muslim University, Aligarh-India (Presented by C. Abdioğlu).
3. Çevik, M. and **Abdioğlu, C.** Evaluation of the new math curriculum implemented in high schools by views of teachers and students in secondary education. *International Conference on New Horizons in Education (INTE-2016)*. 13-15 July 2016, Vienna University of Technology, Vienna-AUSTRIA (presented by M. Çevik).
2. **Abdioğlu, C.,** Çevik, M. and Kazak, M. Evaluation of academic personnel and postgraduate education entrance examination (ALES) according to opinions of academic and administrative

staff. *8th World Conference on Educational Sciences*. 2-6 February 2016, University of Alcalá, Madrid, SPAIN (Presented by M. ÇEVİK).

1. **Abdioğlu, C.** and Hong LE. Some results on ADS modules. *Some Trends in Algebra*. 1-4 September 2015, School of Mathematics, Fac. Math.Phys., Charles University, Prague, CZECH REPUBLIC (Presented by C. ABDİOĞLU).

Presentations in national conferences

1. **Abdioğlu, C.,** Koşan, M. T. and Şahinkaya, S. On modules for which all submodules are projection invariant and the lifting condition. *Ankara Mathematics Days*. 2-3 June 2011, Hacettepe University, ANKARA (Presented by C. ABDİOĞLU).
2. **Abdioğlu, C.** and Şahinkaya, S. Derivations in rings and their applications. *Ankara Mathematics Days*. 3-4 June 2010, TOBB-ETU, ANKARA (Presented by C. ABDİOĞLU).

REFERRING AND REVIEWING

1. HRPUB, Mathematics and Statistics
2. Afyon Kocatepe University Journal of Sciences and Engineering
3. Applied Mathematics (Scientific Research Publishing)
4. International Journal of Nonlinear Analysis and Applications

CITATIONS

1. On modules for which all submodules are projection invariant and the lifting condition. *Southeast Asian Bull. Math.* 34:807–818. (4 citations)
2. Zero divisor graph of matrix rings and Hurwitz rings. *Turkish J. Math.* 40 (1):201-209. (1 citation)

DUTIES ON THE PROJECTS

2. Project Manager: Let's Meet and Turn Science and Mathematics into Fun! (2-6 November 2017). *The Scientific and Technological Research Council of Turkey (TUBITAK)*, Project number: 117B145 (Total support: 24000 Turkish Liras)
1. Project Manager: Evaluation of new mathematics program in high schools according to the opinions of managers, teachers and students in the high schools. (November, 2015 - November, 2016). *Karamanoğlu Mehmetbey University, Scientific Research Unit*, Project number: 19-M-15 (Total support: 11.000 Turkish Liras)

OTHER ACTIVITIES

- Panelist in the panels of review and evaluation of draft books within the e-curriculum programme organized by The Ministry of Education, National Education Board, (2013,2014,2015,2016)

STUDIES ON ABROAD

3. Charles University , Erasmus+ Staff Mobility (Teaching) Prague, Czech Republic
(27-30 June, 2016)
2. Post-doctoral researcher at National Taiwan University, under the grant of Scientific and Technological Research Council of Turkey (TÜBİTAK) and National Center for Theoretical Sciences (NCTS) Taipei, (January, 2016-April, 2016). Taipei-TAIWAN
1. Ph.D. student at Universitat Autònoma de Barcelona, via ERASMUS (September, 2011-February, 2012). Barcelona-SPAIN

ÖDÜLLER-KAZANILAN DESTEKLER

1. Publication incentive, Scientific and Technological Research Council of Turkey (TÜBİTAK) (2014, 2016).