

CURRICULUM VITAE

Personel Information

Name and Surname: Adnan TERCAN

Place of Birth and year: Ankara, 1963.

Nationality: Turkish

Marital status: Married

Address: Department of Mathematics, Hacettepe University, Beytepe Campus, Ankara

Telephone and Room numbers: 297 78 77, Room 212.

Academic Position

2003 Professor, Hacettepe University, Ankara, Türkiye.

1994 Assoc. Professor, Hacettepe University, Ankara, Türkiye.

1992 PhD, Glasgow University, Supervisor Prof. Patrick F Smith.

1988 Master of Science, Hacettepe Üniversitesi, Supervisor Prof. A. Yılmaz.

1986 Bachelor of Science (with distinction), Hacettepe University, Ankara, Türkiye.

Academic Duties

1996-1999 Faculty Senate Ass. Prof. Membership, Hacettepe University, Ankara, Türkiye.

1996-1999 Faculty Govern Senate Ass. Prof. Membership, Hacettepe University, Ankara, Türkiye.

2003-2009 Head of Algebra and number theory Branch, Hacettepe University, Ankara, Türkiye.

2012-2017 Chairman of Department of Math., Hacettepe University, Ankara, Türkiye.

2013-2017 Faculty Senate Prof. Membership, Hacettepe University, Ankara, Türkiye.

2013-2017 Faculty Govern Senate Prof. Membership, Hacettepe University, Ankara, Türkiye.

Job Experience

2003-... Professor, Hacettepe Üniversitesi, Department of Mathematics.

1994-2003 Assoc. Prof., Hacetepe University, Department of Mathematics.

1992-1994 Asistant Prof., Hacettepe University, Department of Mathematics.

1986-1992 Research Asistant, Hacettepe University, Department of Mathematics.

Supervised Thesis (Hacettepe University)

2016 Yeliz Kara, PhD. "Extending properties on Rings and Modules".

2015 Ramazan Yaşar, PhD. "On direct summands of PI-extending modules".

2008 Figen Takıl, PhD, “Research on Generalization of CS-modules and the extension properties of CS-modules”.

2008 Canan Celep Yücel, PhD, “CS-modules and investigations on classes of generalized CS-rings and modules”.

2006 Banu Aytar, Master of Science, “On algebraic, topological and latticial properties of $C(X)$ ”

2005 Nuray Erođlu, PhD. “On generalizations of CS-modules and Dominance” (CS-modüllerin genelleřtirmeleri ve Baskınlık Üzerine).

2004 Evrim Yurttagül, Master of Science. “Injective modules and generalizations” (İnjektif modüller ve genelleřtirmeleri).

2003 Figen Takıl, Master of Science. “ADS-modules” (ADS-modüller).

2002 Fatih Karabacak, PhD. “Matrix rings with Summand Intersection Property” (Dik toplanan keřiřim özelliđine sahip matris halkaları).

1998 Fatih Karabacak, Master of Science. “Modules with SIP or SSP” (SIP veya SSP ye sahip modüller).

1997 Nuray Erođlu, Master of Science. “On CS-modules and Dominance” (CS-modüller ve baskınlık Üzerine).

1996 Noyan Fevzi Er, Master of Science. “CS-modules and lifting properties” (CS-modüller ve genişleme özellikleri).

Publications

2018 *When some complement of a z -closed submodule is a summand, Comm. in Algebra*, To appear (with Y. Kara)

2018 *Phi-Baer Rings, Journal of Algebra and its Appl.* To appear (with G. F. Birkenmeier and Y. Kara)

2017 *On the inheritance of the strongly phi-extending property, Comm. in Algebra* 45(8), 3627-3635 (with Y. Kara)

2017 *PI-extending modules via nontrivial complex bundles and abelian endomorphism rings, Bull. of Iranian Math. Soc.* 43(1), 121-129 (with Y. Kara and R. Yařar)

2017 *Modules which are self- p -injective relative to projection invariant submodules, An. řiint. Univ. Ovidius Constanta Series Math.* 25(1), 117-129 (with Y. Kara)

2016 *Modules whose certain submodules are essentially embedded in direct summands, Rocky Mount. J. Math.* 46(2), 519-532 (with Y. Kara)

- 2016** *Projection Invariant extending Rings, Journal of Algebra and its appl.* 15/7/1650121 (11 Pages) (with G. F. Birkenmeier and C. C. Yücel)
- 2016** *The conditions (C_i) in modular lattices and applications, Journal of Algebra and its appl.* 15/1/1650001(19 pages) (with T. Albu and M. Iosif)
- 2016** *Essential Extensions with the C-extending Property, Quest. Mathematicae* 39(1), 59-64 (with G. F. Birkenmeier and C. C. Yücel)
- 2015** *Corrigendum: "Goldie Extending Rings" Comm in Algebra* 43, 1366-1368 (with E. Akalan and G. F. Birkenmeier)
- 2015** *Addendum and Corrigendum: "When some complement of a submodule is a summand" Comm. in Algebra* 43, 1364-1365 (with G. F. Birkenmeier)
- 2014** *Goldie- Rad- Supplemented Modules, An. Şt. Univ. of Ovidius Constanta, to appear,*(with Y. Talebi, A. R. M. Hamzekolaee)
- 2014** *The extending condition relative to sets of submodules, Comm. in Algebra,* 42 (2), 764-778; (with G. F. Birkenmeier and C. C. Yücel).
- 2013** *Corrigendum to: Goldie extending modules, Comm. Algebra* 41(5), 2005;(with G. F. Birkenmeier and E. Akalan).
- 2012** *Characterizations of Extending and G-extending generalized upper triangular matrix rings, Comm. in Algebra,* 40(3), 1069-1085 (with G. F. Birkenmeier and E. Akalan).
- 2012** *Goldie extending rings, Comm. in Algebra,* 40(2), 423-428 (with G. F. Birkenmeier and E. Akalan).
- 2011** *A characterization of Goldie extending modules over Dedekind domains, Journal of algebra and its appl.* 10, 1291-1299 (with G. F. Birkenmeier and E. Akalan).
- 2010** *Goldie*-supplemented modules, Glasg. Math. Journal,* 52(2010), 41-52 (with G. F. Birkenmeier, F. T. Mutlu, C. Nebiyev and N. Sökmez).
- 2010** *When Some Complement of an EC-submodule is a Direct Summand, Kyungpook Math. J,* 50, 101-107 (with Canan Celep Yücel).
- 2009** *Goldie Extending Modules, Comm. in Algebra,* 37, 663-683 (with E. Akalan and G. F. Birkenmeier).
- 2009** *Modules whose submodules are essentially embedded in direct summands, Comm. in Algebra,* 37, 460-469 (with Figen Takıl).
- 2009** *Modules whose EC-closed submodules are direct summand, Taiwanese J. Math.* 13, 1247-1256 (with Canan Celep Yücel).
- 2007** *On modules and matrix rings with SIP-extending. Taiwanese J. Math.,.* 11(4), 1037-1044 (with F. Karabacak)

2007 *When some complement of a submodule is a summand. Comm. in Algebra*, 35, 597-611 (with G.F. Birkenmeier)

2006 *When is the SIP (SSP) inherited by free modules. Acta Math. Hung.* 122(1-2), 109-112 (with G.F. Birkenmeier ve F. Karabacak).

2004 *Addendum and corrigendum to Weak (C11+)-modules with ACC or DCC on essential submodules. Taiwanese J. Math.*, 8(3), 557-558

2004 *Weak (C11) Modules and Algebraic Topology Type Examples. Rocky Mount. J. Math.*, 34, 783-792

2004 *Direct Summands of Modules Which Satisfy (C11). Algebra Colloq.*, 11, 231-237. (with P.F.Smith).

2003 *Principally Ikeda-Nakayama Rings. Int. Math. Journal*, 3, 1385-1391. (with N.Eroğlu).

2003 *Matrix Rings with Summand Intersection Property. Czech. Math. Journal*, 53 (128), 621-626. (with F: Karabacak).

2003 *Weak (C11) Modules and Matrix (C11) Rings, South East Asian Math. Bull.*, 27, 1-9.

2002 *Generalizations of Extending Modules in The Category $s(M)$. East West Journal of Math.*, 4, 165-177. (with F. Karabacak).

2001 *Weak (C11+)-Modules with ACC or DCC on Essential Submodules. Taiwanese J. Math.*, 5 (4), 731-738

2000 *Modules Whose Exact Submodules Are Direct Summands. An. Şt. Univ. Ovidious Constanta*, 8 (2), 143-150.

2000 *Modules for Which Every Submodule Has A Unique d -Closure. Hacettepe Bull. Natural Sci.*, 29, 23-29. (with N. Eroğlu, A. Harmancı).

1997 *The Bass-Papp Theorem and Some Related Results. Vietnam J. Math.*, 25, 33-39. (with A. Harmancı, P.F.Smith, Y. Tıraş).

1996 *Direct Sums of CS Modules. Houston J. Math.*, 22, 61-71. (with A. Harmancı, P.F. Smith, Y. Tıraş).

1996 *Prime Modules. Honam Math. J.*, 18, 5-15.(with A. Harmancı, Y. Tıraş).

1995 *On CLS Modules. Rocky Mount. J. Math.*, 25,1557-1564.

1995 *On Certain CS Rings. Comm. Algebra*, 23 (2), 405-419

1994 *A Study of Prime Submodules and classification of Prime Submodules of An Artinian Modules. Far East J. Math. Sci.*, 2 (2), 191-199. (with A. Harmancı, Y. Tıraş).

1993 *On the Edomorphism Ring of Modules with (C11) and (C2)*. Hacettepe Bull. Natural Sci., 22, 1-7.

1993 *Generalizations of CS Modules*, *Comm. Algebra*, 21 (6), 1809-4187. (with P.F. Smith).

1992 *Continuous and quasi-Continuous Modules*, *Houston J. Math.*, 18, 339-348 (with P.F. Smith)

Conference and Seminars

2014 International Conference on Algebra and Number Theory, Samsun, 5-8 August 2013. (Organizing and Scientific Committee Member, Chair of the conference)

2013 International Conference on Algebra in Honour of Patrick Smith's and John Clark's 70th Birthdays, Balıkesir, 12-15 August, 2013. (Organizing and Scientific Committee Member, Chair of the conference)

2013 12th Mathematics Symposium, Ankara 23-25 May, 2013. (Organizing and Scientific Committee Member, Chair of the conference)

2008 *C11-modules, Rings and Modules in honour of Patrick F Smith's 65th birthday*, Lisbon, Portugal, 16-19 September, 2008. (invited speaker)

2008 *International Conference on Ring and Module Theory*, 18/08/2008-22/08/2008, Hacettepe Üniversitesi, Beytepe kampusü (Member of Organization, Scientific and Local organization Committees, Chair of the conference).

2006 *Generalizations of CS-modules*, Recent Advances in Noncommutative Ring Theory, 20/03/2006-24/03/2006, Warwick University, UK. (invited speaker)

2003 *Ikeda-Nakayama rings*, Gazi Algebra Days, Gazi Üniversitesi, 02/04/2003.

2001 *A note on weak (C11)-modules*, Antalya Algebra Days III, 16/05/2001-21/05/2001.

2000 *Examples of modules as trivial extensions and algebraic topology type*, Euro Conference, 14/08/2000-18/08/2000, Constanta, Romania.

2000 *ES-modules*, Bilkent Algebra Days, Bilkent Üniversitesi, 24/05/2000.

2000 *When the matrix rings are CS-rings*, Antalya Algebra Days II, 17/05/2000-21/05/2000.

1999 *Co-ins modules*, Antalya Algebra Days I, 19/05/1999-23/05/1999.

Books (Edited)

Ring and Module Theory, Birkhauser (Springer 2010) (Eds. T. Albu, G. F. Birkenmeier, A. Erdoğan, A. Tercan)

Books (Author)

Module Theory, Extending modules and Generalizations, Birkhauser (Springer, Basel, Frontiers in Mathematics, Monograph Series) 2016, 369 pages (with C. C. Yücel)

Modül ve Halka Teori, Latis Teorik Yaklaşımlar (Efil yayınevi, Ankara) 2015, 184 pages (with Y. Kara)

Other Academic activities and Memberships

2007-...Amer. Math. Soc. Math. Reviews-MR (Reviewer).

2009-...Research Journal of Mathematics and Statistics- Maxwell Science Organization (Associate Editor)

2015-...Turkish Journal of Mathematics (TUBITAK), Editor in Chief.

2017-...Journal of Linear and Topological Algebras (JLTA), Associate Editor.

2017-...International Journal of Maps in Mathematics (Ege Univ.), Editor.

1992-...Glasgow University, General Council Member.

2010-2015 Honorary Member of MECAA (Middle East Centre of Algebra and its Applications) at King Abdulaziz University (KAU).

Citations:

My research has been cited in research papers (according to the Web of Science Citation Database (Math Sci Net), my papers have been cited 189 times and in the following texts and/or monographs:

1. N. V. Dung, D. V. Huyhn, P. F. Smith and R. Wisbauer, *Extending Modules*, Pitman Research Notes in Mathematics Series. 313 Longman, Harlow, 1994.
2. J. Dauns and Y. Zhou., *Classes of Modules*, Chapman and Hall/CRC, 2006.
3. Birkenmeier, G. F., Park, J. K., Rizvi, S. T., *Extensions of Rings and Modules*, Birkhauser, 2013.

4. T. Albu, *Chain conditions in modular lattices with applications to Grothendieck categories and torsion theories*, Monograph Series of the Parana's Math. Soc., 2015.

Referee

I served as a referee for *Algebra Colloquium*, *South East Asian Bulletin of Mathematics*, *Rocky Mountain Journal of Mathematics*, *Arkiv för Matematik*, *Communications in Algebra*, *Turkish J. of Mathematics*, *Mediterr. J. Math.*, *Bulletin of Iranian Math. Soc.*, *Miskolc Math. Letter*, *Journal of Algebra and its Appl.*, *Journal of Comm. Algebra*,