

Prof. ADNAN TERCAN

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Glasgow Üniversitesi, Fen Fakültesi, Matematik, United Kingdom 1988 - 1992

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Matematik, Turkey 1986 - 1988

Undergraduate, Hacettepe University, Fen Fakültesi, Matematik, Turkey 1981 - 1986

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, CS-Modules and Generalisations, Glasgow Caledonian University, Faculty Of Science / Department Of Mathematics, 1992

Postgraduate, Çapraz Çarpım Cebirleri, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 1988

Research Areas

Mathematics, Associative Rings and Algebras, Natural Sciences

Academic Titles / Tasks

Professor, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2003 - Continues

Associate Professor, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 1994 - 2003

Assistant Professor, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 1993 - 1994

Advising Theses

TERCAN A., Halkalar ve modüller üzerindeki genişleme özellikleri, Doctorate, Y.KARA(Student), 2016

TERCAN A., PI-extending modüllerin dik toplananları üzerine, Doctorate, R.YAŞAR(Student), 2015

TERCAN A., CS-modüller ve genelleştirilmiş CS-halka ve modül sınıfları üzerine araştırmalar, Doctorate, C.CELEP(Student), 2008

- TERCAN A., Genelleştirilmiş CS-modüller ve genişleme özellikleri üzerine araştırmalar, Doctorate, F.TAKIL(Student), 2008
- TERCAN A., İnjektif modüller ve genelleştirmeleri, Postgraduate, E.YURTTAGÜL(Student), 2004
- TERCAN A., Belirleyici sınıflayıcı koşullarına sahip halka ve modüller, Doctorate, N.EROĞLU(Student), 2004
- TERCAN A., Mutlak dik toplanan özelliğine sahip modüller üzerine, Postgraduate, F.TAKIL(Student), 2003
- TERCAN A., SIP veya SSP'ye sahip matris halkaları, Doctorate, F.KARABACAK(Student), 2002

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Primitive and prime rings with s.Baer or related modules**
Birkenmeier G. F., Kara Y., TERCAN A.
Journal of Algebra and its Applications, vol.23, no.3, 2024 (SCI-Expanded)
- II. **The T-extending condition relative to projection invariant submodules**
Amouzegar T., TERCAN A.
Communications in Algebra, vol.51, no.6, pp.2257-2267, 2023 (SCI-Expanded)
- III. **Baer and quasi-Baer annihilator conditions for nearrings and rings**
Birkenmeier G. F., KILIÇ N., Mutlu F. T., Tastan E., TERCAN A., YAŞAR R.
COMMUNICATIONS IN ALGEBRA, vol.51, no.3, pp.1063-1070, 2023 (SCI-Expanded)
- IV. **Quasi-s.Baer and related modules**
Birkenmeier G. F., KARA ŞEN Y., TERCAN A.
JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.21, no.03, 2022 (SCI-Expanded)
- V. **STRONGLY FULLY INVARIANT-EXTENDING MODULAR LATTICES**
Albu T., KARA ŞEN Y., TERCAN A.
QUAESTIONES MATHEMATICAE, vol.45, no.3, pp.357-367, 2022 (SCI-Expanded)
- VI. **t-PRIME SUBMODULES**
Moghaderi J., TERCAN A.
UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN-SERIES A-APPLIED MATHEMATICS AND PHYSICS, vol.84, no.3, pp.31-40, 2022 (SCI-Expanded)
- VII. **Goldie extending property on the class of exact submodules**
TERCAN A., YAŞAR R., CELEP YÜCEL C.
COMMUNICATIONS IN ALGEBRA, vol.50, no.4, pp.1363-1371, 2022 (SCI-Expanded)
- VIII. **GOLDIE EXTENDING PROPERTY ON THE CLASS OF z-CLOSED SUBMODULES**
TERCAN A., YAŞAR R., CELEP YÜCEL C.
BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, vol.59, no.2, pp.453-468, 2022 (SCI-Expanded)
- IX. **MODULES WHOSE EXACT SUBMODULES ARE ESSENTIALLY EMBEDDED IN SUMMANDS**
Mutlu F. T., TERCAN A., YAŞAR R.
QUAESTIONES MATHEMATICAE, vol.45, no.12, pp.1977-1986, 2022 (SCI-Expanded)
- X. **pi-Rickart rings**
Birkenmeier G. F., KARA ŞEN Y., TERCAN A.
JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.20, no.8, 2021 (SCI-Expanded)
- XI. **When some complement of an exact submodule is a direct summand**
TERCAN A., YAŞAR R.
COMMUNICATIONS IN ALGEBRA, vol.49, pp.4304-4312, 2021 (SCI-Expanded)
- XII. **?-endo Baer modules**
Birkenmeier G. F., KARA ŞEN Y., TERCAN A.
COMMUNICATIONS IN ALGEBRA, vol.48, no.3, pp.1132-1149, 2020 (SCI-Expanded)
- XIII. **T-quasi continuous modules**
Adhami P., Moghaderi J., TERCAN A.
QUAESTIONES MATHEMATICAE, 2019 (SCI-Expanded)
- XIV. **Corrigendum to: on the inheritance of the strongly pi-extending property**

- KARA ŞEN Y., TERCAN A.
 COMMUNICATIONS IN ALGEBRA, vol.47, no.7, pp.2667-2669, 2019 (SCI-Expanded)
- XV. **Fully invariant-extending modular lattices, and applications (I)**
 Albu T., KARA ŞEN Y., TERCAN A.
 JOURNAL OF ALGEBRA, vol.517, pp.207-222, 2019 (SCI-Expanded)
- XVI. **pi-Baer rings**
 Birkenmeier G. F., KARA Y., TERCAN A.
 JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.17, no.2, 2018 (SCI-Expanded)
- XVII. **When some complement of a z-closed submodule is a summand**
 KARA ŞEN Y., TERCAN A.
 COMMUNICATIONS IN ALGEBRA, vol.46, no.7, pp.3071-3078, 2018 (SCI-Expanded)
- XVIII. **Modules which are self-p-injective relative to projection invariant submodules**
 KARA Y., TERCAN A.
 ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIU CONSTANTA-SERIA MATEMATICA, vol.25, no.1, pp.117-129, 2017 (SCI-Expanded)
- XIX. **On the inheritance of the strongly -extending property**
 KARA Y., TERCAN A.
 COMMUNICATIONS IN ALGEBRA, vol.45, no.8, pp.3627-3635, 2017 (SCI-Expanded)
- XX. **Projection invariant extending rings**
 Birkenmeier G. F., TERCAN A., CELEP YÜCEL C.
 JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.15, no.7, 2016 (SCI-Expanded)
- XXI. **The conditions (C-i) in modular lattices, and applications**
 ALBU T., IOSIF M., TERCAN A.
 JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.15, no.1, 2016 (SCI-Expanded)
- XXII. **MODULES WHOSE CERTAIN SUBMODULES ARE ESSENTIALLY EMBEDDED IN DIRECT SUMMANDS**
 KARA Y., TERCAN A.
 ROCKY MOUNTAIN JOURNAL OF MATHEMATICS, vol.46, no.2, pp.519-532, 2016 (SCI-Expanded)
- XXIII. **Module Theory, Extending Modules and Generalizations Introduction**
 TERCAN A., CELEP YÜCEL C.
 MODULE THEORY, EXTENDING MODULES AND GENERALIZATIONS, 2016 (SCI-Expanded)
- XXIV. **Inner Generalizations of Extending Modules**
 TERCAN A., CELEP YÜCEL C.
 MODULE THEORY, EXTENDING MODULES AND GENERALIZATIONS, pp.175-246, 2016 (SCI-Expanded)
- XXV. **Module Theory, Extending Modules and Generalizations**
 TERCAN A., CELEP YÜCEL C.
 MODULE THEORY, EXTENDING MODULES AND GENERALIZATIONS, pp.1-74, 2016 (SCI-Expanded)
- XXVI. **Extending Property and Related Concepts**
 TERCAN A., CELEP YÜCEL C.
 MODULE THEORY, EXTENDING MODULES AND GENERALIZATIONS, pp.117-174, 2016 (SCI-Expanded)
- XXVII. **ESSENTIAL EXTENSIONS WITH THE C-EXTENDING PROPERTY**
 Birkenmeier G. F., TERCAN A., CELEP YÜCEL C.
 QUAESTIONES MATHEMATICAE, vol.39, no.1, pp.59-64, 2016 (SCI-Expanded)
- XXVIII. **Outer Generalizations of Extending Modules**
 TERCAN A., CELEP YÜCEL C.
 MODULE THEORY, EXTENDING MODULES AND GENERALIZATIONS, pp.247-319, 2016 (SCI-Expanded)
- XXIX. **Types of Relative Injectivity**
 TERCAN A., CELEP YÜCEL C.
 MODULE THEORY, EXTENDING MODULES AND GENERALIZATIONS, pp.75-116, 2016 (SCI-Expanded)
- XXX. **Construction of Rings of Quotients via Gabriel Topologies**
 TERCAN A., CELEP YÜCEL C.
 MODULE THEORY, EXTENDING MODULES AND GENERALIZATIONS, pp.349-356, 2016 (SCI-Expanded)

- XXXI. **Module Theory, Extending Modules and Generalizations Preface**
TERCAN A., CELEP YÜCEL C.
MODULE THEORY, EXTENDING MODULES AND GENERALIZATIONS, 2016 (SCI-Expanded)
- XXXII. **Dual Goldie and EC-complement Versions of the Extending Property**
TERCAN A., CELEP YÜCEL C.
MODULE THEORY, EXTENDING MODULES AND GENERALIZATIONS, pp.321-348, 2016 (SCI-Expanded)
- XXXIII. **THE EXTENDING CONDITION RELATIVE TO SETS OF SUBMODULES**
Birkenmeier G. F., TERCAN A., CELEP YÜCEL C.
COMMUNICATIONS IN ALGEBRA, vol.42, no.2, pp.764-778, 2014 (SCI-Expanded)
- XXXIV. **Goldie-Rad-Supplemented Modules**
TALEBI Y., HAMZEKOLAE A. R. M., TERCAN A.
ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIU CONSTANTA-SERIA MATEMATICA, vol.22, no.3, pp.205-218, 2014 (SCI-Expanded)
- XXXV. **CHARACTERIZATIONS OF EXTENDING AND G-EXTENDING GENERALIZED TRIANGULAR MATRIX RINGS**
AKALAN E., Birkenmeier G. F., TERCAN A.
COMMUNICATIONS IN ALGEBRA, vol.40, no.3, pp.1069-1085, 2012 (SCI-Expanded)
- XXXVI. **GOLDIE EXTENDING RINGS**
AKALAN E., Birkenmeier G. F., TERCAN A.
COMMUNICATIONS IN ALGEBRA, vol.40, no.2, pp.423-428, 2012 (SCI-Expanded)
- XXXVII. **A CHARACTERIZATION OF GOLDIE EXTENDING MODULES OVER DEDEKIND DOMAINS**
AKALAN E., Birkenmeier G. F., TERCAN A.
JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.10, no.6, pp.1291-1299, 2011 (SCI-Expanded)
- XXXVIII. **MODULES WHOSE EC-CLOSED SUBMODULES ARE DIRECT SUMMAND**
Yucel C. C., TERCAN A.
TAIWANESE JOURNAL OF MATHEMATICS, vol.13, no.4, pp.1247-1256, 2009 (SCI-Expanded)
- XXXIX. **MODULES WHOSE SUBMODULES ARE ESSENTIALLY EMBEDDED IN DIRECT SUMMANDS**
TAKIL F., TERCAN A.
COMMUNICATIONS IN ALGEBRA, vol.37, no.2, pp.460-469, 2009 (SCI-Expanded)
- XL. **GOLDIE EXTENDING MODULES**
AKALAN E., Birkenmeier G. F., TERCAN A.
COMMUNICATIONS IN ALGEBRA, vol.37, no.2, pp.663-683, 2009 (SCI-Expanded)
- XLI. **When some complement of a submodule is a summand**
Birkenmeier G. F., Tercan A.
COMMUNICATIONS IN ALGEBRA, vol.35, no.2, pp.597-611, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **Modules whose z-closed submodules are essentially embedded in summands**
Mutlu F. T., TERCAN A.
ASIAN-EUROPEAN JOURNAL OF MATHEMATICS, vol.16, no.5, 2023 (ESCI)
- II. **C12-modules via left exact preradicals**
Mutlu F. T., TERCAN A.
Annals of the University of Craiova, Mathematics and Computer Science Series, vol.50, no.1, pp.205-212, 2023 (ESCI)
- III. **EVENTUALLY SEMISIMPLE WEAK FI-EXTENDING MODULES**
Mutlu F. T., TERCAN A., YAŞAR R.
MATHEMATICA BOHEMICA, vol.148, pp.211-222, 2023 (ESCI)
- IV. **Extending properties of exact projection invariant submodules**
Tercan A., Yucel C. C.

- ASIAN-EUROPEAN JOURNAL OF MATHEMATICS, vol.15, no.08, 2022 (ESCI)
- V. **Summand intersection property of modules via z-closed submodules**
Mutlu F. T., TERCAN A.
ASIAN-EUROPEAN JOURNAL OF MATHEMATICS, vol.15, no.07, 2022 (ESCI)
- VI. **Projection Invariant-Extending Property on Dominant Submodules**
Eroglu N., KARA ŞEN Y., TERCAN A.
SOUTHEAST ASIAN BULLETIN OF MATHEMATICS, vol.46, no.2, pp.173-183, 2022 (ESCI)
- VII. **SUMMAND INTERSECTION PROPERTY ON THE CLASS OF EXACT SUBMODULES**
Mutlu F. T., TERCAN A.
PUBLICATIONS DE L INSTITUT MATHEMATIQUE-BEOGRAD, vol.111, no.125, pp.61-68, 2022 (ESCI)
- VIII. **New soft separation axioms and fixed soft points with respect to total belong and total non-belong relations**
Al-shami T. M., TERCAN A., Mhemdi A.
DEMONSTRATIO MATHEMATICA, vol.54, no.1, pp.196-211, 2021 (ESCI)
- IX. **Weak FI-extending Modules with ACC or DCC on Essential Submodules**
TERCAN A., YAŞAR R.
KYUNGPOOK MATHEMATICAL JOURNAL, vol.61, no.2, pp.239-248, 2021 (ESCI)
- X. **The pi-extending Property via Singular Quotient Submodules**
KARA ŞEN Y., TERCAN A.
KYUNGPOOK MATHEMATICAL JOURNAL, vol.59, no.3, pp.391-401, 2019 (ESCI)
- XI. **When Some Complement of an EC-Submodule is a Direct Summand**
CELEP YÜCEL C., TERCAN A.
KYUNGPOOK MATHEMATICAL JOURNAL, vol.50, no.1, pp.101-107, 2010 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Generalized extending modules via exchange and clean properties**
KARA ŞEN Y., TERCAN A.
5th International Conference Noncommutative Rings and their Applications, Lens, France, 12 - 15 June 2017,
vol.727, pp.201-210

Supported Projects

- TERCAN A., Project Supported by Higher Education Institutions, Yaklaşım Teorisi ve Uygulamaları Konferansı, 2016 - 2017
- TERCAN A., Project Supported by Higher Education Institutions, Uluslararası Cebir ve Sayilar Teorisi Konferansı, 2014 - 2017
- TERCAN A., Project Supported by Higher Education Institutions, Cebirdeki Bazı Yaklaşımlar, 2015 - 2016

Metrics

- Publication: 53
Citation (WoS): 120
Citation (Scopus): 12
H-Index (WoS): 5
H-Index (Scopus): 2

Non Academic Experience

TÜBİTAK

Hacettepe Üniversitesi