Prof. ADNAN TERCAN

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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 (Yl) (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 OVIDIUS 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., HAMZEKOLAEE A. R. M., TERCAN A.
ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS 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 Sayılar Teorisi Konferansı, 2014 - 2017

TERCAN A., Project Supported by Higher Education Institutions, Cebirdeki Bazı Yaklaşımlar, 2015 - 2016

Metrics

Publication: 53
Citation (WoS): 118
Citation (Scopus): 12
H-Index (WoS): 5
H-Index (Scopus): 2

Non Academic Experience

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