

## Prof. NEŞET AYDIN

### Personal Information

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### Education Information

Doctorate, Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, Turkey 1987 - 1991

Postgraduate, Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, Turkey 1985 - 1987

Undergraduate, Hacettepe University, Fen Fakültesi, Matematik, Turkey 1978 - 1983

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Türevli Halkalarda Bazı Genelleştirmeler , Sivas Cumhuriyet University, Matematik , Matematik, 1991

Postgraduate, Dirichlet Karakterleri ve Sınıf Sayısı Bir olan Cyclotomic Cisimler, Sivas Cumhuriyet University, Matematik, Matematik, 1987

### Research Areas

Mathematics, Associative Rings and Algebras, Field Theory and Polynomials, Commutative Rings and Algebras, Number Theory, Natural Sciences

### Academic Titles / Tasks

Professor, Canakkale Onsekiz Mart University, Fen-Edebiyat Fakültesi, Matematik, 2002 - Continues

Associate Professor, Mersin University, Faculty Of Arts And Sciences, Matematik, 1998 - 2002

Assistant Professor, Adnan Menderes Üniversitesi, Fen-Edebiyat Fakültesi, Matematik, 1996 - 1998

Assistant Professor, Cumhuriyet Üniversitesi, Fen Fakültesi, Matematik, 1991 - 1995

Research Assistant, Cumhuriyet Üniversitesi, Fen Fakültesi, Matematik, 1984 - 1991

### Academic and Administrative Experience

Canakkale Onsekiz Mart University, Matematik, Matematik, 2008 - 2011

Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, 2008 - 2009

Canakkale Onsekiz Mart University, Fen Edebiyat Fakültesi, 2004 - 2007

Canakkale Onsekiz Mart University, Fen Edebiyat Fakültesi, 2003 - 2004

Canakkale Onsekiz Mart University, Matematik, Matematik, 2002 - 2003

Aydin Adnan Menderes University, Eğitim Bilimleri Bölümü, Eğitim Bilimleri Bölümü, 1996 - 1997

Aydin Adnan Menderes University, Matematik, Matematik, 1995 - 1997

Sivas Cumhuriyet University, Matematik, Matematik, 1993 - 1995

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **On  $(*)$ -( $\sigma$ , T)-Lie ideals of  $(*)$ -prime rings with derivation**  
AYDIN N., KOC E., GÖLBAŞI Ö.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.47, no.5, pp.1240-1247, 2018 (Journal Indexed in SCI)
- II. **Generalized  $*$ -Lieideal of  $*$ -primering**  
TÜRKMEN S., AYDIN N.  
TURKISH JOURNAL OF MATHEMATICS, vol.41, no.4, pp.841-853, 2017 (Journal Indexed in SCI)
- III. **On Generalized Derivations of Prime Rings**  
ASLAN G., AYDIN N.  
General Mathematics Notes, vol.36, no.1, pp.1-10, 2016 (Journal Indexed in SCI)
- IV. **Some results on  $\sigma$ -ideal of  $\sigma$ -prime ring**  
TÜRKMEN S., AYDIN N.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.44, no.5, pp.1147-1156, 2015 (Journal Indexed in SCI)
- V. **Regular elements of the complete semigroups of binary relations of the class  $\Sigma(6)(X, 8)$**   
AYDIN N., DIASAMIDZE Y., SUNGUR D. Y.  
GEORGIAN MATHEMATICAL JOURNAL, vol.22, no.2, pp.159-170, 2015 (Journal Indexed in SCI)
- VI. **A note on  $(\sigma, \tau)$ -derivations in prime rings**  
Aydin N.  
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.39, no.4, pp.347-352, 2008 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Reverse and Jordan  $(\sigma, \tau)$ -biderivation on Prime and Semi-prime Rings**  
ALBAYRAK B., AYDIN N.  
Adiyaman University Journal of Science, vol.9, no.1, pp.149-164, 2019 (Refereed Journals of Other Institutions)
- II. **ON DERIVATIONS SATISFYING CERTAIN IDENTITIES ON RINGS AND ALGEBRAS**  
Sandhu G. S. , Kumar D., KARALARLIOĞLU CAMCI D., AYDIN N.  
FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS, vol.34, no.1, pp.85-99, 2019 (Journal Indexed in ESCI)
- III.  **$(\alpha, \beta)$ -Reverse Derivations On Prime and Semiprime Rings**  
ÖZDEMİR M., AYDIN N.  
Int. J. Open Problems Compt. Math., vol.11, no.3, 2018 (Refereed Journals of Other Institutions)
- IV. **Remarks on  $(\sigma, T)$ -Lie Ideals of  $\sigma$ -Prime Rings with Derivation**  
KOÇ SÖĞÜTCÜ E., AYDIN N., GÖLBAŞI Ö.  
Fasciculi Mathematici, vol.60, no.1, pp.161-171, 2018 (Refereed Journals of Other Institutions)
- V. **Generalized Reverse Derivations On Closed Lie Ideals**  
ATAY Ö., AYDIN N., ALBAYRAK B.  
Journal of Scientific Perspectives, vol.2, no.3, pp.61-74, 2018 (Refereed Journals of Other Institutions)
- VI. **On the Commutativity of a Prime  $\sigma$ -Ring with a  $\sigma$ -Derivation**  
BOSNALI G., AYDIN N., TÜRKMEN S.  
Journal of Scientific Perspectives, vol.2, no.3, pp.51-60, 2018 (Refereed Journals of Other Institutions)
- VII. **THE SOURCE OF SEMIPRIMENESS OF RINGS**

AYDIN N., DEMİR Ç., KARALARLIOĞLU CAMCI D.

COMMUNICATIONS OF THE KOREAN MATHEMATICAL SOCIETY, vol.33, no.4, pp.1083-1096, 2018 (Journal Indexed in ESCI)

- VIII. **The Commutativity of a -Ring with Generalized Left - $\alpha$ -Derivation**  
BALCI A. O. , AYDIN N., TÜRKMEN S.  
Advances in Pure Mathematics, no.8, pp.168-177, 2018 (Refereed Journals of Other Institutions)
- IX. **ON A LIE RING OF GENERALIZED INNER DERIVATIONS**  
Aydın N., Türkmen S.  
COMMUNICATIONS OF THE KOREAN MATHEMATICAL SOCIETY, vol.32, no.4, pp.827-833, 2017 (Journal Indexed in ESCI)
- X. **A generalization of multiplicative (generalized)-derivatons**  
ÇELİK M., AYDIN N., YEŞİL SUNGUR D.  
Journal of Mathematical and Computational Science, vol.7, no.3, pp.485-494, 2017 (Refereed Journals of Other Institutions)
- XI. **On multiplicative (generalized)-derivations in semiprime rings**  
KARALARLIOĞLU CAMCI D., AYDIN N.  
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.66, no.1, pp.153-164, 2017 (Journal Indexed in ESCI)
- XII. **ON MULTIPLICATIVE (GENERALIZED)-DERIVATIONS IN SEMIPRIME RINGS**  
KARALARLIOĞLU CAMCI D., AYDIN N.  
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.66, no.1, pp.153-164, 2017 (Journal Indexed in ESCI)
- XIII. **Some Results on Semigroup Ideals in Prime Ring with Derivations**  
AYRAN A., AYDIN N.  
International Journal of Pure and Applied Mathematics, vol.109, no.4, pp.911-918, 2016 (Refereed Journals of Other Institutions)
- XIV. **Regular Elements of  $Bx D$  Defined by the Class  $1 \times 10 I$**   
DIASAMIDZE Y., TSİNARİDZE N., AYDIN N., ERDOĞAN A.  
Applied Mathematics, vol.7, no.9, pp.867-893, 2016 (Refereed Journals of Other Institutions)
- XV. **Left Right Centralizer of sigma Square ClosedLie Ideals of sigma Prime Rings**  
MUTLU A., AYDIN N.  
GENERAL MATHEMATICS NOTES, vol.33, no.2, pp.72-77, 2016 (Refereed Journals of Other Institutions)
- XVI. **Regular Elements of  $BX D$  Defined by the Class  $1 \times 10$**   
Diasamidze Y., Tsinaridze N., AYDIN N., ERDOĞAN A.  
Applied Mathematics, vol.7, no.9, pp.894-907, 2016 (Refereed Journals of Other Institutions)
- XVII. **Generating Set of the Complete Semigroups of Binary Relations**  
DIASAMIDZE Y., AYDIN N., ERDOĞAN A.  
Applied Mathematics, vol.7, no.1, pp.98-107, 2016 (Refereed Journals of Other Institutions)
- XVIII. **Regular Elements Of The Complete Semigroups Of Binary Relations Of The Class  $\Sigma_{-7} \equiv (X,8)$**   
ALBAYRAK B., AYDIN N.  
Applied Mathematics, vol.6, no.2, pp.312-318, 2015 (Refereed Journals of Other Institutions)
- XIX. **Idempotent and Regular Elements of the Complete Semigroups of Binary Relations of the Class  $\Sigma_{-3} \equiv (X,9)$**   
ALBAYRAK B., DIASAMİDZE Y., AYDIN N.  
International Journal of Pure and Applied Mathematics, vol.86, no.1, pp.199-216, 2013 (Refereed Journals of Other Institutions)
- XX. **Some Generalizations in Prime Rings with s t derivation**  
AYDIN N., Kaya K.  
Turkish Journal Of Mathematics, vol.16, no.1, pp.169-176, 1992 (Refereed Journals of Other Institutions)

## Books & Book Chapters

- I. **DOĞRUSAL CEBİR**  
KANDAMAR H., AYDIN N.  
Paradigma Akademi, Çanakkale, 2019
- II. **SOYUT CEBİR PROBLEMLERİ VE ÇÖZÜMLERİ**  
AYDIN N., KANDAMAR H., KAYA K.  
Paradigma, 2015

## Refereed Congress / Symposium Publications in Proceedings

- I. **GENERALIZED REVERSE DERIVATIONS ON LIE IDEAL OF RINGS**  
ÖZGE A., AYDIN N., ALBAYRAK B.  
2. International Rating Academy Congress and Exhibition on Hope, 19 - 21 April 2018, pp.147
- II. **On  $(\sigma, \tau)$ -Lie Ideals of  $\sigma$ -Prime Rings with Derivation**  
GÖLBAŞI Ö., KOÇ E., AYDIN N.  
I. International Scientific and Vocational Studies Congress, Nevşehir, Turkey, 5 - 08 October 2017
- III. **Türevli Asal Halkaların  $(\sigma, \tau)$ -Lie İdealleri Üzerine**  
GÖLBAŞI Ö., KOÇ E., AYDIN N.  
12. Ankara Matematik Günleri, Ankara, Turkey, 25 - 26 May 2017

## Citations

Total Citations (WOS):13  
h-index (WOS):2

## Awards

AYDIN N., Matematik Bölümü İkincilik Ödülü, Hacettepe Üniversitesi, July 1983  
AYDIN N., Fakülte Üçüncülüğü, Hacettepe Üniversitesi, June 1983  
AYDIN N., Bilim Teşvik Ödülü, İhsan Doğramacı Vakfı, April 1983