

## Prof. NEŞET AYDIN

### Personal Information

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### International Researcher IDs

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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 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 Fakültesi, 2004 - 2007  
Canakkale Onsekiz Mart University, Fen 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

## Published journal articles indexed by SCI, SSCI, and AHCI

- 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 (SCI-Expanded)
- II. **Generalized  $*$ -Lieideal of  $*$ -primering**  
TÜRKMEN S., AYDIN N.  
TURKISH JOURNAL OF MATHEMATICS, vol.41, no.4, pp.841-853, 2017 (SCI-Expanded)
- III. **On Generalized Derivations of Prime Rings**  
ASLAN G., AYDIN N.  
General Mathematics Notes, vol.36, no.1, pp.1-10, 2016 (SCI-Expanded)
- IV. **Regular Elements of  $Bx D$  Defined by the Class  $1 X 10 I$**   
DIASAMIDZE Y., TSİNARİDZE N., AYDIN N., ERDOĞAN A.  
Applied Mathematics, vol.7, no.9, pp.867-893, 2016 (SCI-Expanded)
- V. **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 (SCI-Expanded)
- VI. **Regular Elements of  $BX D$  Defined by the Class  $1 X 10$**   
Diasamidze Y., Tsinaridze N., AYDIN N., ERDOĞAN A.  
Applied Mathematics, vol.7, no.9, pp.894-907, 2016 (SCI-Expanded)
- VII. **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 (SCI-Expanded)
- VIII. **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 (SCI-Expanded)
- IX. **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 (SCI-Expanded)
- X. **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 (SCI-Expanded)

## Articles Published in Other Journals

- I. **IDENTITIES WITH MULTIPLICATIVE GENERALIZED  $(\alpha, \alpha)$ -DERIVATIONS OF SEMIPRIME RINGS**  
Sandhu G. S., Ayran A., AYDIN N.  
Kragujevac Journal of Mathematics, vol.48, no.3, pp.365-382, 2024 (ESCI)
- II. **Homoderivations in Prime Rings**  
ENGİN A., AYDIN N.  
Journal of New Theory, no.43, pp.23-34, 2023 (Peer-Reviewed Journal)

- III. **Generalized Reverse Derivations on Prime and Semiprime Rings**  
 BULAK T., AYRAN A., AYDIN N.  
 Int. J. Open Problems Compt. Math, vol.14, no.2, pp.50-60, 2021 (Peer-Reviewed Journal)
- IV. **Reverse and Jordan (σ, τ)– biderivation on Prime and Semi-prime Rings**  
 ALBAYRAK B., AYDIN N.  
 Adiyaman University Journal of Science, vol.9, no.1, pp.149-164, 2019 (Peer-Reviewed Journal)
- V. **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 (ESCI)
- VI. **(α,β)-Reverse Derivations On Prime and Semiprime Rings**  
 ÖZDEMİR M., AYDIN N.  
 Int. J. Open Problems Compt. Math., vol.11, no.3, 2018 (Peer-Reviewed Journal)
- VII. **Remarks on -(σ,T)-Lie Ideals of -Prime Rings with Derivation**  
 KOÇ SÖGÜTCÜ E., AYDIN N., GÖLBAŞI Ö.  
 Fasciculi Mathematici, vol.60, no.1, pp.161-171, 2018 (Peer-Reviewed Journal)
- VIII. **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 (Peer-Reviewed Journal)
- IX. **On the Commutativity of a Prime -Ring with a -α-Derivation**  
 BOSNALI G., AYDIN N., TÜRKMEN S.  
 Journal of Scientific Perspectives, vol.2, no.3, pp.51-60, 2018 (Peer-Reviewed Journal)
- X. **The Commutativity of a -Ring with Generalized Left -α-Derivation**  
 BALCI A. O., AYDIN N., TÜRKMEN S.  
 Advances in Pure Mathematics, no.8, pp.168-177, 2018 (Peer-Reviewed Journal)
- XI. **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 (ESCI)
- XII. **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 (ESCI)
- XIII. **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 (Peer-Reviewed Journal)
- XIV. **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 (ESCI)
- XV. **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 (Scopus)
- XVI. **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 (Peer-Reviewed Journal)
- XVII. **Regular Elements Of The Complete Semigroups Of Binary Relations Of The Class  $\Sigma_{-7}^{\equiv}(X,8)$**   
 Albayrak B., Aydın N.  
 APPLIED MATHEMATICS, vol.6, no.2, pp.312-318, 2015 (Peer-Reviewed Journal)
- XVIII. **Idempotent and Regular Elements of the Complete Semigroups of Binary Relations of the Class  $\Sigma_{-3}^{\equiv}(X,9)$**   
 ALBAYRAK B., DİSAMİDZE Y., AYDIN N.  
 International Journal of Pure and Applied Mathematics, vol.86, no.1, pp.199-216, 2013 (Peer-Reviewed Journal)

## Books

- 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

## Papers Published in Refereed Scientific Meetings

- 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  $\tau$ -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

## Metrics

Publication: 89  
Citation (WoS): 21  
Citation (Scopus): 16  
H-Index (WoS): 2  
H-Index (Scopus): 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