

# Prof. Yılmaz ÇEVEN

## Personal Information

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## International Researcher IDs

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## Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey Continues

Postgraduate, Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, -, Turkey Continues

Undergraduate, Ankara University, Fen Fakültesi, Matematik, Turkey Continues

## Foreign Languages

English, B1 Intermediate

## Dissertations

Doctorate, FEASIBLE DIRECTIONS AND GENERALIZED INVERSES IN A LINEER PROGRAMMING PROBLEM, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Matematik, 1995

Postgraduate, BAZI SAYI CİSİMLERİNİN TAMLIK TABANLARI, Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, 1990

## Research Areas

Mathematics, Associative Rings and Algebras, Natural Sciences

## Academic Titles / Tasks

Professor, Suleyman Demirel University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2019 - Continues

Associate Professor, Suleyman Demirel University, Fen Edebiyat Fakültesi, Matematik, 2010 - 2019

Assistant Professor, Suleyman Demirel University, Fen Edebiyat Fakültesi, Matematik, 2007 - 2010

Assistant Professor, Cumhuriyet Üniversitesi, Fen Edebiyat Fakültesi, Matematik, 1996 - 2007

Research Assistant, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Matematik, 1990 - 1996

Research Assistant, Cumhuriyet Üniversitesi, Fen Edebiyat Fakültesi, Matematik, 1986 - 1990

## Courses

BCK-cebirlerine giriş, Postgraduate, 2017 - 2018  
Gruplar Teorisi, Postgraduate, 2017 - 2018  
Lineer Cebir, Undergraduate, 2017 - 2018  
Soyut Matematik I, Undergraduate, 2017 - 2018, 2016 - 2017  
Lineer Cebir, Undergraduate, 2017 - 2018  
Matematik, Undergraduate, 2017 - 2018  
SOYUT MATEMATİK II, Undergraduate, 2016 - 2017  
SOYUT CEBİR I, Undergraduate, 2015 - 2016, 2014 - 2015  
SOYUT CEBİR II, Undergraduate, 2015 - 2016, 2014 - 2015

## Advising Theses

ÇEVEN Y., BE-Cebirleri Üzerine Çeşitli Karakterizasyonlar, Doctorate, Z.Çiloğlu(Student), 2017  
ÇEVEN Y., Bazı Reel Kuadratik Sayı Cisimlerinin Yapılarının İncelenmesi, Doctorate, Ö.ÖZER(Student), 2014  
ÇEVEN Y., Çıkarma Cebirlerinde İntuitionistiv N-İdealler, Postgraduate, K.Çağlar(Student), 2013  
ÇEVEN Y., Parçalı Metrikler, L-Değerli Eşitlikler ve Aralarındaki İlişkiler, Postgraduate, Z.ÇİLOĞLU(Student), 2012  
ÇEVEN Y., BCK/BCI Cebirleri Üzerine, Postgraduate, F.SOYSAL(Student), 2006  
ÇEVEN Y., Matrislerin Genelleştirilmiş Tersleri ve Kronecker Çarpımların Bazı Uygulamaları, Postgraduate, N.DOYMUŞ(Student), 2006

## Jury Memberships

Post Graduate, Yüksek Lisans Jürisi, Pamukkale Üniversitesi, July, 2019  
Doctorate, Doktora Tez savunma jürisi, Sivas Cumhuriyet Üniversitesi, November, 2018  
Appointment to Academic Staff-Assistant Professorship, Yrd.Doç.Dr. Ataması, Mehmet Akif Ersoy Üniversitesi-Burdur, October, 2017

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

- I. **Correction: Ali, M., et al. Study on the Development of Neutrosophic Triplet Ring and Neutrosophic Triplet Field. Mathematics 2018, 6, 46**  
ÇEVEN Y., Smarandache F.  
MATHEMATICS, vol.7, no.6, pp.1-2, 2019 (SCI-Expanded)
- II. **n-Derivations and (n,m)-Derivations of Lattices**  
ÇEVEN Y.  
MATHEMATICS, vol.6, no.12, 2018 (SCI-Expanded)
- III. **Derivations on subtraction algebras**  
Öztürk M. A., ÇEVEN Y.  
Communications of the Korean Mathematical Society, vol.24, no.4, pp.509-515, 2009 (SCI-Expanded)
- IV. **SOME RESULTS ON SUBTRACTION ALGEBRAS**  
ÇEVEN Y., Ozturk M. A.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.38, no.3, pp.299-304, 2009 (SCI-Expanded)
- V. **SYMMETRIC BI-DERIVATIONS OF LATTICES**  
Ceven Y.  
QUAESTIONES MATHEMATICAE, vol.32, no.2, pp.241-245, 2009 (SCI-Expanded)
- VI. **ON f-DERIVATIONS OF LATTICES**  
ÇEVEN Y., Oeztuerk M. A.  
BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, vol.45, no.4, pp.701-707, 2008 (SCI-Expanded)

VII. **Some properties of symmetric BI-( $\sigma, \tau$ )-derivations in near-rings**

ÇEVEN Y., Öztürk M. A.

Communications of the Korean Mathematical Society, vol.22, no.4, pp.487-491, 2007 (SCI-Expanded)

### Articles Published in Other Journals

- I. **A Generalization of Groups: Partial Groups**  
ÇİLOĞLU ŞAHİN Z., ÇEVEN Y.  
Emerging Applications of Differential Equations and Game Theory. IGI Global, pp.1-12, 2020 (Peer-Reviewed Journal)
- II. **Neutrosophic triplets in some neutrosophic rings**  
ÇEVEN Y., OZAN D.  
Cumhuriyet Science Journal, vol.41, no.3, pp.612-616, 2020 (Peer-Reviewed Journal)
- III. **Some Properties of Neutrosophic Integers**  
ÇEVEN Y., Tekin Ş. s.  
Kırklareli University Journal of Engineering and Science, vol.6, no.1, pp.50-59, 2020 (Peer-Reviewed Journal)
- IV. **ON CHARACTERIZATIONS OF LATTICES USING THE GENERALIZED SYMMETRIC BI-DERIVATIONS**  
ÇEVEN Y.  
BULLETIN OF THE INTERNATIONAL MATHEMATICAL VIRTUAL INSTITUTE, vol.9, pp.95-102, 2019 (Peer-Reviewed Journal)
- V. **On symmetric Jordan and Jordan left bi-derivations of prime rings**  
ÇEVEN Y., Ciloglu Z.  
AFRIKA MATEMATIKA, vol.29, pp.689-698, 2018 (ESCI)
- VI. **On soft filters of soft BE-algebras**  
ÇEVEN Y., ÇİLOĞLU ŞAHİN Z.  
New Trends in Mathematical Science, vol.1, no.6, pp.91-98, 2018 (Peer-Reviewed Journal)
- VII. **On soft filters of soft BE-algebras**  
ÇEVEN Y., ÇİLOĞLU ŞAHİN Z.  
New Trends in Mathematical Sciences, vol.5, pp.91-98, 2018 (Peer-Reviewed Journal)
- VIII. **On Higher Derivations of Lattices**  
ÇEVEN Y.  
Mathematical Theory and Modeling, no.7, pp.116-122, 2017 (Peer-Reviewed Journal)
- IX. **ADDITIVITY OF MULTIPLICATIVE ISOMORPHISMS IN GAMMA RINGS**  
ÇEVEN Y., Dükkel K. Ç.  
Palestine Journal of Mathematics, vol.2, no.6, pp.308-313, 2017 (Scopus)
- X. **On B-Semigroups**  
ÇEVEN Y.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.30, no.4, pp.404-410, 2017 (ESCI)
- XI. **Complicated BE algebras and characterizations of ideals**  
ÇEVEN Y., ÇİLOĞLU Z.  
Discussiones Mathematicae - General Algebra and Applications, vol.35, no.1, pp.41, 2015 (Scopus)
- XII. **On Fuzzy Ideals of Subtraction Semigroups**  
ÇİLOĞLU ŞAHİN Z., ÇEVEN Y.  
SDU Journal of Science, 2014 (Peer-Reviewed Journal)
- XIII. **Solutions To The Pell Equation  $x^2 - D.y^2 = 2^k$  where  $D = r^2.s^2 + 2s$  And Recurrences**  
Özer Ö., ÇEVEN Y.  
Int. Journal of Engineering Research and Application, vol.6, no.3, pp.574-580, 2013 (Peer-Reviewed Journal)
- XIV. **On symmetric left bi-derivations in BCI -algebras**  
Muhiuddin G., Al-roqi A. M., Jun Y. B., ÇEVEN Y.  
International Journal of Mathematics and Mathematical Sciences, vol.2013, 2013 (Scopus)

- XV. **Commutative and bounded BE-Algebras**  
ÇİLOĞLU ŞAHİN Z., ÇEVEN Y.  
Algebra, no.2013, pp.1-5, 2013 (Peer-Reviewed Journal)
- XVI. **N-ideals of Rings**  
ÇEVEN Y.  
International Journal of Algebra, no.6, pp.1227-1232, 2012 (Peer-Reviewed Journal)
- XVII. **Subtraction Bialgebras**  
Uçkun M., ÇEVEN Y., ÖZTÜRK M. A.  
Adıyaman Üniversitesi Fen Bilimleri Dergisi, vol.2, no.1, pp.1-10, 2012 (Peer-Reviewed Journal)
- XVIII. **Quotient Subtraction Algebras**  
ÇEVEN Y., Küçükkoç S.  
International Mathematical Forum, no.6, pp.1241-1247, 2011 (Peer-Reviewed Journal)
- XIX. **Generalized Derivations of BCI Algebras**  
ÖZTÜRK M. A., ÇEVEN Y., JUN Y. B.  
Honam Mathematical Journal, vol.31, no.4, pp.601-609, 2009 (ESCI)
- XX. **On sigma Tau gamma derivations in gamma near rings**  
ÖZTÜRK M. A., ÇEVEN Y.  
Advances in Algebra, 2008 (Peer-Reviewed Journal)
- XXI. **Intuitionistic fuzzy sets in semigroups**  
ÖZTÜRK M. A., ÇEVEN Y., JUN Y. B.  
Scientiae Mathematicae Japonicae, vol.e-2007, pp.37-42, 2007 (Peer-Reviewed Journal)
- XXII. **Yarı pozitif tanımlı matrislerin iz eşitsizlikleri**  
Özel M., Bulut H., Şafak S., ÇEVEN Y.  
DEÜ Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.8, no.2, pp.107-110, 2006 (Peer-Reviewed Journal)
- XXIII. **On generalized lie ideals in semi-prime rings with derivation**  
ÖZTÜRK M. A., ÇEVEN Y.  
East Asian Math. J., vol.21, no.1, pp.1-7, 2005 (Peer-Reviewed Journal)
- XXIV. **On the trace of a permuting tri additive mapping in left s unital rings**  
ÇEVEN Y., ÖZTÜRK M. A.  
Int. J. Pure Appl. Math, vol.23, no.4, pp.465-474, 2005 (Peer-Reviewed Journal)
- XXV. **Jordan Left Derivations On Completely PrimeGamma Rings**  
ÇEVEN Y.  
Cumhuriyet Üniversitesi Fen-Edebiyat Fakültesi Fen Bilimleri Dergisi, 2002 (Peer-Reviewed Journal)
- XXVI. **On the minimum cost network flow problem**  
ÇEVEN Y.  
Journal of Faculty of Science Ege University, vol.24, no.1, pp.193-198, 2001 (Peer-Reviewed Journal)
- XXVII. **Spectral decompositions and feasible directions in the axial three-index assignment problem**  
ÇEVEN Y.  
Commun. Fac. Sci. Univ. Ank. Series A1, vol.49, pp.123-129, 2000 (Peer-Reviewed Journal)
- XXVIII. **Some results on the spectral decomposition of the axial m-index assignment problem**  
ÇEVEN Y.  
C.Ü.Fen-Edebiyat Fakültesi Fen Bilimleri Dergisi, vol.21, pp.161-168, 1999 (Peer-Reviewed Journal)
- XXIX. **Q() Sayı Cisminin Diskriminantı ve Tamlık Tabanı**  
ÇEVEN Y., Hatice K.  
C.Ü. Fen-Edebiyat Fakültesi Fen Bilimleri Dergisi, vol.15, pp.93-96, 1993 (Peer-Reviewed Journal)

## **Books & Book Chapters**

- I. **A Generalization of Groups: Partial Groups**  
ÇİLOĞLU ŞAHİN Z., ÇEVEN Y.

in: Emerging Applications of Differential Equations and Game Theory, Gök, S. Z. A., Çinçin, D. A. Çinçin , Editor, Igi Global, Pensilvanya, pp.1-12, 2020

## II. Soyut Cebir

ÇEVEN Y., TÜREN B.

Süleyman Demirel Üniversitesi, Isparta, 2016

## Refereed Congress / Symposium Publications in Proceedings

### I. Additivity of multiplicative isomorphisms in gamma rings

Kenan Çağlar D., ÇEVEN Y., TÜREN B.

28.Ulusal Matematik Sempozyumu, Turkey, 7 - 09 September 2015

### II. Additivity of Multiplicative Isomorphisms in Gamma Rings

Dükel K. Ç., ÇEVEN Y.

28.Ulusal Matematik Sempozyumu, Antalya, Turkey, 7 - 09 September 2015, pp.90

## Scientific Refereeing

Adıyaman Üniversitesi Fen Bilimleri Dergisi, National Scientific Refreed Journal, February 2018

Malaysian Journal of Mathematical Sciences, Other Indexed Journal, February 2018

Missouri Journal of Mathematical Sciences, Other Indexed Journal, January 2018

Cumhuriyet Üniversitesi Fen Fakültesi Fen Bilimleri Dergisi, Other Indexed Journal, June 2017

Cumhuriyet Üniversitesi Fen Fakültesi Fen Bilimleri Dergisi, Other Indexed Journal, June 2017

## Metrics

Publication: 40

Citation (WoS): 38

Citation (Scopus): 58

H-Index (WoS): 3

H-Index (Scopus): 4

## Congress and Symposium Activities

28.Ulusal Matematik Sempozyumu, Attendee, Antalya, Turkey, 2015

28.Ulusal Matematik Sempozyumu, Session Moderator, Antalya, Turkey, 2015