

# Prof. EMİNE KOÇ SÖGÜTCÜ

## Personal Information

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## International Researcher IDs

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Yoksis Researcher ID: 59834

## Education Information

Doctorate, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, Turkey 2008 - 2012

Postgraduate, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, Turkey 2005 - 2008

Undergraduate, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, Turkey 2001 - 2005

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, Genelleştirilmiş türevli asal halkaların değişmeliliği üzerine, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, 2012

Postgraduate, Genelleştirilmiş türevli asal halkalar, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, 2008

## Research Areas

Mathematics, Natural Sciences

## Academic Titles / Tasks

Professor, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, 2024 - Continues

Associate Professor, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, 2018 - 2024

Assistant Professor, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, 2013 - 2018

Research Assistant, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, 2006 - 2013

## Courses

Cebir - II, Undergraduate, 2018 - 2019

Türevli Halkalar-I, Postgraduate, 2019 - 2020

Lineer Cebir, Undergraduate, 2019 - 2020

Uzmanlık Alan Dersi, Postgraduate, 2019 - 2020  
Lineer Cebir - I, Undergraduate, 2019 - 2020  
Seminer Dersi, Postgraduate, 2019 - 2020  
Cebir - II, Undergraduate, 2018 - 2019  
Lineer Cebir, Undergraduate, 2019 - 2020  
İşletme Matematiği, Undergraduate, 2017 - 2018  
İşletme Matematiği, Undergraduate, 2017 - 2018  
Bitirme Ödevi/Tezi, Undergraduate, 2018 - 2019  
Bilgisayar Destekli Lineer Cebir, Undergraduate, 2016 - 2017  
Türevli Halkalar-II, Postgraduate, 2017 - 2018  
Yüksek Matematik, Undergraduate, 2017 - 2018  
Lineer Cebir - II, Undergraduate, 2016 - 2017  
Cebir - Iv, Undergraduate, 2016 - 2017  
Cebir - Iv, Undergraduate, 2016 - 2017  
Bilgisayar Destekli Lineer Cebir, Undergraduate, 2016 - 2017  
Yüksek Matematik, Undergraduate, 2017 - 2018  
Cebir - I, Undergraduate, 2017 - 2018  
Cebir - I, Undergraduate, 2017 - 2018  
Sayılar Teorisi, Undergraduate, 2015 - 2016  
Cebir - III, Undergraduate, 2016 - 2017  
Genel Matematik - II, Undergraduate, 2015 - 2016  
Cebir - III, Undergraduate, 2016 - 2017  
Matematik, Associate Degree, 2016 - 2017  
Sayılar Teorisi, Undergraduate, 2015 - 2016  
Modüller Teorisi, Postgraduate, 2015 - 2016  
Genel Matematik - II, Undergraduate, 2015 - 2016  
Lineer Cebir, Undergraduate, 2015 - 2016  
Lineer Cebir - I, Undergraduate, 2015 - 2016  
Genel Matematik - I, Undergraduate, 2015 - 2016  
Cebire Giriş, Undergraduate, 2015 - 2016  
Elemanter Sayı Kuramı, Undergraduate, 2015 - 2016  
Lineer Cebir - II, Undergraduate, 2014 - 2015  
Elemanter Sayı Kuramı, Undergraduate, 2015 - 2016  
Lineer Cebir - II, Undergraduate, 2014 - 2015  
Lineer Cebir - I, Undergraduate, 2015 - 2016  
Lineer Cebir - II, Undergraduate, 2014 - 2015  
Lineer Cebir - II, Undergraduate, 2014 - 2015  
Cebire Giriş, Undergraduate, 2015 - 2016  
Genel Matematik - I, Undergraduate, 2015 - 2016  
Soyut Matematik - II, Undergraduate, 2013 - 2014  
Soyut Matematik - II, Undergraduate, 2013 - 2014  
Lineer Cebir - I, Undergraduate, 2014 - 2015  
Halka Teorisi, Postgraduate, 2014 - 2015  
Soyut Matematik, Undergraduate, 2013 - 2014  
Genel Matematik - I, Undergraduate, 2014 - 2015  
Lineer Cebir - I, Undergraduate, 2014 - 2015  
Soyut Matematik, Undergraduate, 2013 - 2014  
Genel Matematik - I, Undergraduate, 2013 - 2014  
Genel Metamatik, Undergraduate, 2013 - 2014  
Matematik, Undergraduate, 2013 - 2014  
Soyut Matematik - I, Undergraduate, 2013 - 2014

Genel Matematik - I, Undergraduate, 2013 - 2014

Soyut Matematik - I, Undergraduate, 2013 - 2014

## Advising Theses

Koç Sögütcü E., Halkalarda homotürevler ve idealler, Postgraduate, Y.ŞAHİN(Student), 2023

Koç Sögütcü E., Simetrik ters ikili türevli halkalar, Postgraduate, H.Ünalın(Student), 2021

Koç Sögütcü E., Yarıasal halkalarda  $\alpha$ - merkezleyen dönüşümler , Postgraduate, s.polat(Student), 2021

Koç Sögütcü E., MULTIPLICATIVE GENERALIZED DERIVATIONS IN PRIME AND SEMIPRIME RINGS, Postgraduate, Y.GÜRSOY(Student), 2017

Koç Sögütcü E., PRIME AND SEMIPRIME RINGS WITH GENERALIZED DERIVATIONS IN LIE IDEALS, Postgraduate, E.DERNEK(Student), 2016

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

- I. **Center-like Subsets in Semiprime Rings with Multiplicative Derivations**  
Aljohani S., Sögütcü E., Rehman N. U.  
Axioms, vol.13, no.448, pp.1-13, 2024 (SCI-Expanded)
- II. **Generalized derivation on semiprime and prime Banach algebras**  
Koç Sögütcü E.  
Georgian Mathematical Journal, vol.31, pp.1-13, 2024 (SCI-Expanded)
- III. **Some Classification Theorems and Endomorphisms in New Classes**  
Alnohashi H., Alali A. S., Sogutcu E., Rehman N. U., Alqarni F. A.  
MATHEMATICS, vol.11, no.3910, pp.1-16, 2023 (SCI-Expanded)
- IV. **Multiplicative (generalized)-reverse derivations in rings and Banach algebras**  
KOÇ SÖGÜTCÜ E.  
Georgian Mathematical Journal, vol.30, no.4, pp.555-567, 2023 (SCI-Expanded)
- V. **Note on Lie ideals with symmetric bi-derivations in semiprime rings**  
KOÇ SÖGÜTCÜ E., Huang S.  
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.54, no.2, pp.608-618, 2023 (SCI-Expanded)
- VI. **Some results on ideals of semiprime rings with multiplicative generalized derivations**  
Koç E., Gölbaşı Ö.  
COMMUNICATIONS IN ALGEBRA, vol.46, pp.4905-4913, 2018 (SCI-Expanded)
- VII. **On  $(*)$ -( $\sigma$ , T)-Lie ideals of  $(*)$ -prime rings with derivation**  
AYDIN N., KOÇ E., GÖLBAŞI Ö.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.47, no.5, pp.1240-1247, 2018 (SCI-Expanded)
- VIII. **MULTIPLICATIVE GENERALIZED DERIVATIONS ON LIE IDEALS IN SEMIPRIME RINGS II**  
KOÇ E., GÖLBAŞI Ö.  
MISKOLC MATHEMATICAL NOTES, vol.18, no.1, pp.265-276, 2017 (SCI-Expanded)
- IX. **On Centralizing and Strong Commutativity Preserving Maps of Semiprime Rings**  
Huang S., Golbasi Ö., Koc E.  
UKRAINIAN MATHEMATICAL JOURNAL, vol.67, no.2, pp.323-331, 2015 (SCI-Expanded)
- X. **A NOTE ON  $(\sigma, \tau)$ -DERIVATIONS OF RINGS WITH INVOLUTION**  
KOÇ E., GÖLBAŞI Ö.  
MISKOLC MATHEMATICAL NOTES, vol.15, no.2, pp.559-569, 2014 (SCI-Expanded)
- XI. **NOTES ON GENERALIZED DERIVATIONS OF  $*$ -PRIME RINGS**  
KOÇ E., Rehman N. U.  
MISKOLC MATHEMATICAL NOTES, vol.15, no.1, pp.117-123, 2014 (SCI-Expanded)
- XII. **Notes on Jordan  $(\sigma, \tau)$ \*-derivations and Jordan triple  $(\sigma, \tau)$ \*-derivations**

- GÖLBAŞI Ö., KOÇ E.  
AEQUATIONES MATHEMATICAE, vol.85, no.3, pp.581-591, 2013 (SCI-Expanded)
- XIII. **ON RINGS OF QUOTIENTS OF SEMIPRIME Gamma-RINGS**  
KOÇ E., GÖLBAŞI Ö.  
MISKOLC MATHEMATICAL NOTES, vol.13, no.2, pp.397-414, 2012 (SCI-Expanded)
- XIV. **Generalized derivations on Lie ideals in prime rings**  
Koç E.  
Turkish Journal Of Mathematics, vol.35, no.1, pp.23-28, 2011 (SCI-Expanded)
- XV. **NOTES ON THE COMMUTATIVITY OF PRIME NEAR-RINGS**  
Koc E.  
MISKOLC MATHEMATICAL NOTES, vol.12, no.2, pp.193-200, 2011 (SCI-Expanded)
- XVI. **ON ( $\sigma$ ,  $\tau$ )-LIE IDEALS WITH GENERALIZED DERIVATION**  
GÖLBAŞI Ö., KOÇ E.  
BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, vol.47, no.6, pp.1121-1129, 2010 (SCI-Expanded)
- XVII. **Notes On Generalized ( $\sigma$ ,  $\tau$ )-Derivation**  
GÖLBAŞI Ö., KOÇ E.  
RENDICONTI DEL SEMINARIO MATEMATICO DELLA UNIVERSITA DI PADOVA, vol.123, pp.131-139, 2010 (SCI-Expanded)

## Articles Published in Other Journals

- I. **On  $\alpha$ -Centralizer Mappings in Semiprime Rings**  
KOÇ SÖGÜTCÜ E., REHMAN N. U., POLAT S.  
Int. J. Open Problems Compt. Math., vol.17, no.1, pp.31-45, 2024 (Peer-Reviewed Journal)
- II. **SOME EQUATIONS ON IDEAL IN PRIME RINGS WITH HOMODERIVATIONS**  
KOÇ SÖGÜTCÜ E.  
Bulletin of allahabad mathematical society, 2024 (Peer-Reviewed Journal)
- III. **On generalized homoderivations of prime rings**  
REHMAN N. U., KOÇ SÖGÜTCÜ E., ALNOGHASHI H. M.  
Matematychni Studii, vol.60, no.1, pp.12-27, 2023 (Scopus)
- IV. **Notes On Some Equations of Prime Rings With Symmetric Bi- $(\alpha, \alpha)$ -Derivations**  
GÖLBAŞI Ö., KOÇ SÖGÜTCÜ E., konak a.  
Int. J. Open Problems Compt. Math, vol.16, no.2, 2023 (Peer-Reviewed Journal)
- V. **LIE IDEALS WITH GENERALIZED DERIVATIONS AND DERIVATIONS OF SEMIPRIME RINGS**  
Koç Sögütcü E., Rehman N. U., Dernek E.  
FASCICULI MATHEMATICI, vol.66, pp.107-120, 2023 (Peer-Reviewed Journal)
- VI. **A Characterization of Semiprime Rings with Homoderivations**  
Koç Sögütcü E.  
Journal of New Theory, vol.42, pp.14-28, 2023 (Peer-Reviewed Journal)
- VII. **Commutativity theorems on lie ideals with symmetric BI-derivations in semiprime rings**  
Koç Sögütcü E., Golbasi O.  
Asian-European Journal of Mathematics, vol.16, no.5, pp.1-12, 2023 (ESCI)
- VIII. **NOTES ON SYMMETRIC BI- $(\alpha, \alpha)$ -DERIVATIONS IN RINGS**  
GÖLBAŞI Ö., Sögütcü E.  
Bulletin of the Transilvania University of Brasov, Series III: Mathematics and Computer Science, vol.3, no.1, pp.145-156, 2023 (Scopus)
- IX. **Semiprime Rings with Generalized Homoderivations**  
Boua A., Sögütcü E.  
Boletim da Sociedade Paranaense de Matematica, vol.41, 2023 (ESCI)
- X. **A GENERALIZATION OF POSNER'S THEOREM ON GENERALIZED DERIVATIONS IN RINGS**

Rehman N. U., Koç Sögütcü E., Alnohashi H. M.

Journal of the Iranian Mathematical Society, vol.3, no.1, pp.1-9, 2022 (Scopus)

- XI. **SOME RESULTS ON LIE IDEALS WITH SYMMETRIC REVERSE BI-DERIVATIONS IN SEMIPRIME RINGS II**  
Koç Sögütcü E., Gölbaşı Ö., Ünal H.  
BULLETIN OF THE INTERNATIONAL MATHEMATICAL VIRTUAL INSTITUTE, vol.12, no.3, pp.477-485, 2022 (Peer-Reviewed Journal)
- XII. **THE COMMUTATIVITY OF SEMIPRIME RINGS WITH SYMMETRIC Bi-( $\alpha$ ,  $\alpha$ )-DERIVATIONS**  
Koç Sögütcü E., Gölbaşı Ö.  
East-West J. of Mathematics, vol.23, no.1, pp.65-78, 2021 (Peer-Reviewed Journal)
- XIII. **SOME RESULT ON LIE IDEALS WITH SYMMETRIC REVERSE BI-DERIVATIONS IN SEMIPRIME RINGS I**  
KOÇ SÖGÜTCÜ E., GÖLBAŞI Ö.  
FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS, vol.36, no.2, pp.309-319, 2021 (ESCI)
- XIV. **Characterization of Multiplicative (Generalized)-Derivation in Prime and Semiprime Near Rings**  
Ali A., Koç Sögütcü E., Huque I. U.  
International Journal of Open Problems in Computer Science and Mathematics, vol.12, no.4, pp.1-11, 2020 (Peer-Reviewed Journal)
- XV. **Comparison of Jordan ( $\sigma, \tau$ )- Derivations and Jordan Triple ( $\sigma, \tau$ )- Derivations in Semiprime Rings**  
Koç Sögütcü E., Gölbaşı Ö.  
Adıyaman University Journal of Science, vol.10, no.1, pp.264-272, 2020 (Peer-Reviewed Journal)
- XVI. **On Generalized ( $\sigma, \tau$ )-Derivations in 3-Prime Near-Rings**  
Koç Sögütcü E.  
Tamkang Journal of Mathematics, vol.51, no.1, 2020 (ESCI)
- XVII. **LIE IDEALS AND JORDAN TRIPLE ( $\alpha$ ,  $\beta$ ) IN RINGS**  
Rehman N. U., Koç Sögütcü E.  
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.69, pp.528-539, 2020 (ESCI)
- XVIII. **LIE IDEALS AND COMMUTATIVITY OF 2-TORSION FREE SEMIPRIME RINGS WITH GENERALIZED DERIVATION**  
Koç Sögütcü E., Gölbaşı Ö.  
East Asian Math. J., vol.36, no.1, pp.101-114, 2020 (Peer-Reviewed Journal)
- XIX. **Remarks on  $-(\sigma, T)$ -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)
- XX. **Lie Ideals of Semiprime Rings with Generalized Derivations**  
KOÇ SÖGÜTCÜ E., GÖLBAŞI Ö.  
Adıyaman University Journal of Science, vol.8, no.1, pp.1-12, 2018 (Peer-Reviewed Journal)
- XXI. **ON SEMIGROUP IDEALS OF PRIME NEAR-RINGS WITH GENERALIZED SEMIDERIVATION**  
GÖLBAŞI Ö., KOÇ SÖGÜTCÜ E.  
Palestine Journal of Mathematics, vol.7, no.1, pp.243-250, 2018 (Scopus)
- XXII. **NOTES ON SYMMETRIC SKEW  $n$ -DERIVATION IN RINGS**  
KOÇ E., Rehman N. U.  
COMMUNICATIONS OF THE KOREAN MATHEMATICAL SOCIETY, vol.33, no.4, pp.1113-1121, 2018 (ESCI)
- XXIII. **Semiprime Rings with Multiplicative Generalized Derivations on Lie Ideals**  
KOÇ SÖGÜTCÜ E.  
Cumhuriyet Science Journal, vol.38, no.3, pp.473-479, 2017 (Scopus)
- XXIV. **On Gamma Ring of Quotientsof Semiprime Gamma Ring**  
KOÇ E., GÖLBAŞI Ö., HUANG S.  
Adıyaman University Journal of Science, vol.7, no.1, pp.12-36, 2017 (Peer-Reviewed Journal)
- XXV. **MULTIPLICATIVE GENERALIZED DERIVATIONS ON LIE IDEALS IN SEMIPRIME RINGS I**  
KOÇ E., GÖLBAŞI Ö.

- Palestine Journal of Mathematics, vol.6, no.1, pp.219-227, 2017 (Scopus)
- XXVI. **RESULTS ON  $\alpha$ -\*CENTRALIZERS OF PRIME AND SEMIPRIME RINGS WITH INVOLUTION**  
KOÇ E., GÖLBAŞI Ö.  
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS,  
vol.66, no.1, pp.172-178, 2017 (ESCI)
- XXVII. **Genelleştirilmiş Türevli Yarıasal Halkaların Lie İdealleri Üzerine**  
KOÇ E., DERNEK E.  
Cumhuriyet Üniversitesi Fen-Edebiyat Fakültesi Fen Bilimleri Dergisi, vol.37, no.4, pp.359-370, 2016 (Peer-  
Reviewed Journal)
- XXVIII. **Semiprime Near-Rings with Multiplicative Generalized ( $\tau, \sigma$ )-Derivations**  
KOÇ E., GÖLBAŞI Ö.  
Fasciculi Mathematici, vol.57, no.1, pp.105-119, 2016 (Peer-Reviewed Journal)
- XXIX. **Some Results on Generalized ( $\alpha, \beta$ )-Derivations in  $\alpha$ -Prime Rings**  
MUHAMMED C., GÖLBAŞI Ö., KOÇ E.  
International Journal of Mathematics and Mathematical Sciences, vol.2015, pp.1-6, 2015 (Scopus)
- XXX. **Notes on Generalized Jordan ( $\sigma, \tau$ )-Derivations Of Semiprime Rings With Involution**  
HUANG S., KOÇ SÖĞÜTCÜ E.  
Boletim da Sociedade Paranaense de Matemática, vol.32, no.1, pp.255-262, 2014 (Scopus)
- XXXI. **Lie ideals and ( $\alpha, \beta$ )-derivations of  $\alpha$ -prime rings**  
REHMAN N. U., GÖLBAŞI Ö., KOÇ SÖĞÜTCÜ E.  
RENDICONTI DEL CIRCOLO MATEMATICO DI PALERMO, vol.62, no.2, pp.245-251, 2013 (Scopus)
- XXXII. **Some results in semiprime rings with derivation**  
KOÇ E.  
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS,  
vol.62, no.1, pp.11-20, 2013 (Peer-Reviewed Journal)
- XXXIII. **Some Results On Prime Rings With ( $\sigma, \tau$ )-Derivation**  
GÖLBAŞI Ö., KOÇ E.  
Advances in Algebra, vol.5, no.1, pp.11-16, 2012 (Peer-Reviewed Journal)
- XXXIV. **SOME COMMUTATIVITY THEOREMS OF PRIME RINGS WITH GENERALIZED ( $\sigma, \tau$ )-DERIVATION**  
GÖLBAŞI Ö., KOÇ E.  
COMMUNICATIONS OF THE KOREAN MATHEMATICAL SOCIETY, vol.26, no.3, pp.445-454, 2011 (Scopus)
- XXXV. **NOTES ON COMMUTATIVITY OF PRIME RINGS WITH GENERALIZED DERIVATION**  
GÖLBAŞI Ö., KOÇ E.  
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS,  
vol.58, no.2, pp.39-46, 2009 (Peer-Reviewed Journal)
- XXXVI. **Notes on ideals and orthogonal generalized ( $\sigma, \tau$ )-derivations**  
KOÇ E.  
East Asian Mathematical Journal, vol.24, no.4, pp.389-398, 2008 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **SEMIPRIME IDEALS AND MULTIPLICATIVE GENERALIZATION DERIVATIONS**  
KOÇ SÖĞÜTCÜ E.  
AICHEAS 2nd INTERNATIONAL CONFERENCE ON HEALTH, ENGINEERING AND APPLIED SCIENCES, Muş, Turkey,  
22 - 24 March 2024
- II. **On Prime Ideals And Multiplicative Generalization Derivations In Ideals**  
KOÇ SÖĞÜTCÜ E.  
9. INTERNATIONAL SCIENCES AND INNOVATION CONGRESS, Batman, Turkey, 16 - 17 March 2024
- III. **Multiplicative Generalization Derivations In Prime Ideals**  
KOÇ SÖĞÜTCÜ E.

Multiplicative Generalization Derivations In Prime Ideals, Batman, Turkey, 16 - 17 March 2024

- IV. **HOMODERIVATIONS ON LIE IDEALS IN SEMIPRIME RINGS**  
Koç Sögütcü E.  
5. INTERNATIONAL HASANKEYF SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, Şanlıurfa, Turkey, 5 - 06 August 2023
- V. **Commutativity Conditions On Lie Ideals In Prime Rings Of Homoderivations**  
KOÇ SÖGÜTCÜ E.  
6. INTERNATIONAL GÖBEKLİTEPE SCIENTIFIC STUDIES CONGRESS, Turkey, 29 - 30 July 2023
- VI. **ON HOMODERIVATIONS AND IDEALS IN RINGS**  
Şahin Erdem Y., Koç Sögütcü E.  
4. INTERNATIONAL HASANKEYF SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, Batman, Turkey, 29 - 30 April 2023, pp.680-681
- VII. **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
- VIII. **İnvölüsyonlu Asal ve Yarıasal Halkarın  $(\alpha)$ -Merkezleyenleri Üzerine Sonuçlar**  
KOÇ E., GÖLBAŞI Ö.  
11. Ankara Matematik Günleri, Turkey, 26 May 2016 - 27 May 2017
- IX. **Genelleştirilmiş Türevli Yarı-asal Halkaların Lie İdealleri Üzerine**  
KOÇ SÖGÜTCÜ E.  
12. Ankara Matematik Günleri, Ankara, Turkey, 25 - 26 May 2017
- X. **Türevli Asal Halkaların  $(\sigma, \tau)$ -Lie İdealleri Üzerine**  
GÖLBAŞI Ö., KOÇ E., AYDIN N.  
12. Ankara Matematik Günleri, Ankara, Turkey, 25 - 26 May 2017
- XI. **On Semigroup Ideals of Prime Near-Rings with Generalized Semiderivation**  
KOÇ SÖGÜTCÜ E., GÖLBAŞI Ö.  
International Conference on Mathematics and Mathematics Education 2017, Şanlıurfa, Turkey, 11 - 13 May 2017
- XII. **Lie Ideals of Semiprime Rings with Generalized Derivations**  
KOÇ SÖGÜTCÜ E.  
International Conference on Mathematics and Mathematics Education 2017, Şanlıurfa, Turkey, 11 - 13 May 2017
- XIII. **Çarpımsal Genelleştirilmiş Türev Yardımıyla Halkaların Değişmeli Olma Koşulları**  
KOÇ SÖGÜTCÜ E.  
IV. Kadın Matematikçiler Derneği Çalıştayı, Ankara, Turkey, 28 - 29 April 2017
- XIV. **On  $(\sigma, \tau)$ -Lie Ideals Of  $\sigma$ -Prime Rings With Derivation**  
GÖLBAŞI Ö., KOÇ E., AYDIN N.  
IV. Kadın Matematikçiler Derneği Çalıştayı, Ankara, Turkey, 28 - 29 April 2017
- XV. **Yarı Asal Halkaların Lie İdeali Üzerinde Çarpımsal Genelleştirilmiş Türevleri**  
KOÇ E., GÖLBAŞI Ö.  
10. Ankara Matematik Günleri, odtü, Ankara, Turkey, 11 - 12 June 2015
- XVI. **Semiprime Near Rings with Multiplicative Generalized  $\theta$  Derivations**  
KOÇ E., GÖLBAŞI Ö.  
II. Kadın Matematikçiler Derneği Çalıştayı, Sivas, Turkey, 1 - 03 May 2015

## Supported Projects

Koç Sögütcü E., Gölbaşı Ö., Project Supported by Higher Education Institutions, Jordan Türevler İle Jordan Üçlü Türevlerin Karşılaştırılması, 2018 - 2019

Koç Sögütcü E., Gölbaşı Ö., Project Supported by Higher Education Institutions, Çarpımsal Genelleştirilmiş Türev Yardımıyla Halkaların Değişmeli Olma Koşulları, 2017 - 2017

Gölbaşı Ö., Koç Sögütcü E., Aydın N., Project Supported by Higher Education Institutions, İnvölüsyonlu Asal Halkaların -

(sigma,tau)-Lie İdealleri Üzerinde Türevler, 2017 - 2017

Gölbaşı Ö., Koç Sögütcü E., Project Supported by Higher Education Institutions, Halkalarda Merkezleştirici Dönüşümler, 2016 - 2016

Koç Sögütcü E., Gölbaşı Ö., Project Supported by Higher Education Institutions, Yarıasal halkanın Lie ideali üzerinde çarpımsal genelleştirilmiş türevler, 2015 - 2015