

Prof. AYŞE BAYAR

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 1996 - 2000

Postgraduate, Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 1992 - 1996

Undergraduate, Anadolu University, Faculty Of Science, Department Of Mathematics, Turkey 1988 - 1992

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Küresel Taxi Geometri Üzerine, Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2000

Postgraduate, Elipsoidal Projektif Düzlem Modelinin İnşa ve İncelenmesi, Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 1996

Research Areas

Natural Sciences

Academic Titles / Tasks

Professor, Eskisehir Osmangazi University, FEN FAKÜLTESİ, MATEMATİK VE BİLGİSAYAR BİLİMLERİ BÖLÜMÜ, 2015 - Continues

Associate Professor, Eskisehir Osmangazi University, FEN FAKÜLTESİ, MATEMATİK VE BİLGİSAYAR BİLİMLERİ BÖLÜMÜ, 2010 - 2015

Assistant Professor, Eskisehir Osmangazi University, FEN FAKÜLTESİ, MATEMATİK VE BİLGİSAYAR BİLİMLERİ BÖLÜMÜ, 2001 - 2010

Research Assistant, Eskisehir Osmangazi University, FEN FAKÜLTESİ, MATEMATİK VE BİLGİSAYAR BİLİMLERİ BÖLÜMÜ, 1994 - 2000

Academic and Administrative Experience

Head of Department, Eskisehir Osmangazi University, FEN FAKÜLTESİ, MATEMATİK VE BİLGİSAYAR BİLİMLERİ BÖLÜMÜ, 2019 - Continues

Courses

Doctorate

DOKTORA TEZ ÇALIŞMASI(K), Doctorate, 2019 - 2020

UZMANLIK ALAN DERSİ (DR)(K), Doctorate, 2019 - 2020

Postgraduate

YÜKSEK LİSANS TEZ ÇALIŞMASI(C), Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

HİPERBOLİK GEOMETRİ II, Postgraduate, 2021 - 2022, 2019 - 2020

UZMANLIK ALAN DERSİ (YL)(O), Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

İleri Lineer Geometri I, Postgraduate, 2021 - 2022

Hiperbolik Geometri I, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

YÜKSEK LİSANS TEZ ÇALIŞMASI(L), Postgraduate, 2019 - 2020

UZMANLIK ALAN DERSİ (YL)(C), Postgraduate, 2020 - 2021

FUZZY DÜZLEM PROJektif GEOMETRİSİ I(A), Postgraduate, 2020 - 2021

İLERİ LİNEER GEOMETRİ II, Postgraduate, 2019 - 2020

Undergraduate

GEOMETRİK DÖNÜŞÜMLER II, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002

GEOMETRİK DÖNÜŞÜMLER I(A), Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005

Lineer Cebir I, Undergraduate, 2021 - 2022, 2019 - 2020, 2018 - 2019

FRAKTAL GEOMETRİ(A), Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009

ANALİTİK GEOMETRİ II, Undergraduate, 2020 - 2021, 2019 - 2020

Matematik II, Undergraduate, 2020 - 2021

Analitik Geometri I, Undergraduate, 2020 - 2021

Matematik I, Undergraduate, 2020 - 2021

İŞLETME MATEMATİĞİ II, Undergraduate, 2019 - 2020

PROJektif GEOMETRİ I, Undergraduate, 2020 - 2021

Supervised Theses

Bayar A., Spektral graf teori üzerine, Postgraduate, B.ÇAKIR(Student), 2024

Bayar A., Genelleştirilmiş Poincaré uzaklığı üzerine, Postgraduate, S.CİRDİ(Student), 2023

BAYAR A., Fraktallar ve Dairesel İnversonlar Üzerine, Postgraduate, S.ALİ(Student), 2020

BAYAR A., Bazı Geometrik Konfigürasyonlar, Postgraduate, Y.TABAN(Student), 2020

BAYAR A., 2D ve 3D Matrislerle Tanımlanan Cebirsel Yapılar Üzerine, Postgraduate, B.TEKKALMAZ(Student), 2020

BAYAR A., Fuzzy ve Sezgisel Fuzzy Projektif Düzlemlerde Dönüşümler Üzerine, Doctorate, E.ALTINTAŞ(Student), 2020

BAYAR A., İzoperimetrik eşitsizlikler üzerine, Postgraduate, Ş.COŞKUN(Student), 2019

AKÇA Z., BAYAR A., Bazı öklidyen olmayan geometrilerde inversonlar üzerine, Doctorate, A.PEKZORLU(Student), 2019

BAYAR A., Fuzzy lineer dönüşümler üzerine, Postgraduate, B.KURTULMUŞ(Student), 2017

BAYAR A., 9. mertebeden sol yaklaşık cisim düzleminde fano düzlemi içeren arklar üzerine, Postgraduate, E.ALTINTAŞ(Student), 2015

BAYAR A., Fiber projektif düzlemler üzerine, Postgraduate, E.ŞAHİN(Student), 2014

BAYAR A., Sonlu projektif düzlemlerde bazı alt yapılar üzerine, Postgraduate, G.GÖKGÖZ(Student), 2013
BAYAR A., Fuzzy gruplarından elde edilen fuzzy projektif geometriler üzerine, Postgraduate, S.ERDEN(Student), 2013
BAYAR A., Bazı öklidyen olmayan düzlemlerde trigonometrik fonksiyonların incelenmesi, Postgraduate, İ.ÖZTÜRK(Student), 2008

Jury Memberships

Post Graduate, Post Graduate, Eskişehir Osmangazi Üniversitesi, February, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, January, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kütahya Dumlupınar Üniversitesi, January, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, December, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, December, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, June, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kütahya Dumlupınar Üniversitesi, June, 2021
Doctoral Examination, Doctoral Examination, Eskişehir Osmangazi Üniversitesi, June, 2021
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Ağrı İbrahim Çeçen Üniversitesi, May, 2021
Doctoral Examination, Doctoral Examination, Eskişehir Osmangazi Üniversitesi, May, 2021
Post Graduate, Post Graduate, Kütahya Dumlupınar Üniversitesi, January, 2021
Post Graduate, Post Graduate, Eskişehir Osmangazi Üniversitesi, January, 2021
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Eskişehir Teknik Üniversitesi, December, 2020
Associate Professor Exam, Associate Professor Exam, Eskişehir Osmangazi University, September, 2020
Doctorate, Doctorate, Eskişehir Osmangazi Üniversitesi, September, 2020
Doctorate, Doctorate, Eskişehir Osmangazi Üniversitesi, September, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, July, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kütahya Dumlupınar Üniversitesi, May, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, May, 2020
Doctorate, Doctorate, Eskişehir Osmangazi Üniversitesi, January, 2020
Doctoral Examination, Doctoral Examination, Kütahya Dumlupınar Üniversitesi, December, 2019
Doctoral Examination, Doctoral Examination, Kütahya Dumlupınar Üniversitesi, December, 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **On the Menelaus and Ceva 6-Figures in the Fibered Projective Planes**
BAYAR A., EKMEKÇİ S.
ABSTRACT AND APPLIED ANALYSIS, 2014 (SCI-Expanded)
- II. **Generalized Veronesean embeddings of projective spaces Part II The lax case**
Akça Z., Bayar A., Ekmekçi S., Kaya R., Thas J. A., Van Maldeghem H.
Ars Combinatoria, vol.3, no.0, pp.65-80, 2012 (SCI-Expanded)

- III. **Generalized Veronesean embeddings of projective spaces, Part II. The lax case.**
Akca Z., Bayar A., Ekmekci S., Kaya R., Thas J. A., Van Maldeghern H.
ARS COMBINATORIA, pp.65-80, 2012 (SCI-Expanded)
- IV. **ON ISOMETRIES OF \mathbb{R}^n**
Bayar A., Kaya R.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.40, no.5, pp.673-679, 2011 (SCI-Expanded)
- V. **On isometries of \mathbb{R}^n**
BAYAR A., KAYA R.
Hacettepe Journal of Mathematics and Statistics, vol.40, no.5, pp.673-679, 2011 (SCI-Expanded)
- VI. **On the classification of fuzzy projective planes of fuzzy 3-dimensional projective space**
Ekmekci S., Akca Z., Bayar A.
CHAOS SOLITONS & FRACTALS, vol.40, no.5, pp.2146-2151, 2009 (SCI-Expanded)
- VII. **ON THE GROUP OF ISOMETRIES OF THE PLANE WITH GENERALIZED ABSOLUTE VALUE METRIC**
Kaya R., GELİŞGEN Ö., Ekmekci S., Bayar A.
ROCKY MOUNTAIN JOURNAL OF MATHEMATICS, vol.39, no.2, pp.591-603, 2009 (SCI-Expanded)
- VIII. **A note on fibered projective plane geometry**
Bayar A., Ekmekci S., Akca Z.
INFORMATION SCIENCES, vol.178, no.4, pp.1257-1262, 2008 (SCI-Expanded)
- IX. **On the Plan Geometry with Generalized Absolute Value Metric**
Bayar A., Ekmekci S., Akca Z.
MATHEMATICAL PROBLEMS IN ENGINEERING, vol.2008, 2008 (SCI-Expanded)
- X. **Fuzzy projective spreads of fuzzy projective spaces**
Akca Z., Bayar A., Ekmekci S., Van Maldeghem H.
FUZZY SETS AND SYSTEMS, vol.157, no.24, pp.3237-3247, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **On $(k,3)$ -Arcs Derived by Ceva Configurations in $PG(2,5)$**
ALTINTAŞ KAHRİMAN E., BAYAR A.
Journal of scientific reports-A (Online), vol.59, pp.10-18, 2024 (Peer-Reviewed Journal)
- II. **On the Klein Cubic Threefold in $PG(4,2)$**
Altıntaş A., BAYAR A., EKMEKÇİ S., AKÇA Z.
International Journal of Mathematical Combinatorics (IJMC), vol.4, pp.9-19, 2024 (Peer-Reviewed Journal)
- III. **SOME GEOMETRIC STRUCTURES RELATED TO DESARGUES CONFIGURATION IN $PG(2,5)$**
ALTINTAŞ KAHRİMAN E., BAYAR A.
Eskişehir Technical University Journal of Science and and Technology A- Applied Sciences and Engineering, vol.25, no.3, pp.511-518, 2024 (Peer-Reviewed Journal)
- IV. **On Taxicab Circle Inverses of Lines**
AYDIN S. A., BAYAR A.
Ikonion Journal of Mathematics, vol.6, no.1, pp.1-8, 2024 (Peer-Reviewed Journal)
- V. **On the Generalized Poincare Distance**
BAYAR A., Cirdi Şaan S.
Hagia Sophia Journal of Geometry, vol.5, no.2, pp.1-5, 2023 (Peer-Reviewed Journal)
- VI. **On Laplacian Spectrum of Desargues and Pappus Configurations**
Usta B., BAYAR A.
Avrupa Bilim ve Teknoloji Dergisi, no.52, pp.289-293, 2023 (Peer-Reviewed Journal)
- VII. **Complete $(k,2)$ -Arcs in the Projective Plane Order 5**
ALTINTAŞ KAHRİMAN E., BAYAR A.
Hagia Sophia Journal of Geometry, vol.5, no.1, pp.11-14, 2023 (Peer-Reviewed Journal)
- VIII. **On the Chinese Checkers Circular Inversions in the Chinese Checkers Plane**

- PEKZORLU A., BAYAR A.
Hagia Sophia Journal of Geometry, vol.4, no.2, pp.28-34, 2022 (Peer-Reviewed Journal)
- IX. **Charactewrization of Intuitionistic Fuzzy Collineations in Intuitionistic Fuzzy Projective Planes**
ALTINTAŞ KAHRİMAN E., BAYAR A.
Fundamental journal of mathematics and applications (Online), vol.5, no.4, pp.273-279, 2022 (Peer-Reviewed Journal)
- X. **Fuzzy Collineations of Fuzzy Projective Planes**
Altıntaş E., BAYAR A.
Konuralp Journal of Mathematics, vol.10, no.1, pp.166-170, 2022 (Scopus)
- XI. **Central Collineations in Fuzzy and Intuitionistic Fuzzy Projective Planes**
ALTINTAŞ KAHRİMAN E., BAYAR A.
Avrupa Bilim ve Teknoloji Dergisi, no.35, pp.355-363, 2022 (Peer-Reviewed Journal)
- XII. **Characterization of Fuzzy Collinations in Fuzzy Projective Plane**
ALTINTAŞ KAHRİMAN E., BAYAR A.
Konuralp Journal of Mathematics, vol.10, no.1, pp.166-170, 2022 (Peer-Reviewed Journal)
- XIII. **Classification of Complete $(k,2)$ -Arcs in NFPG(2,9) Using Veronesean, New Trends in Mathematical Sciences**
ALTINTAŞ KAHRİMAN E., BAYAR A.
New Trends in Mathematical Sciences, vol.10, no.1, pp.12-19, 2022 (Peer-Reviewed Journal)
- XIV. **On Algorithm Constructing Baer Subplanes of Hall plane**
ALTINTAŞ KAHRİMAN E., BAYAR A.
Konuralp Journal of Mathematics, vol.9, no.2, pp.342-345, 2021 (Peer-Reviewed Journal)
- XV. **ON THE INTUITIONISTIC FUZZY PROJECTIVE MENELAUS AND CEVA'S CONDITIONS**
AKÇA Z., BAYAR A., EKMEKÇİ S.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.69, no.1, pp.891-899, 2020 (ESCI)
- XVI. **TAXICAB SPHERICAL INVERSIONS IN TAXICAB SPACE**
PEKZORLU A., BAYAR A.
JOURNAL OF MAHANI MATHEMATICAL RESEARCH CENTER, vol.9, pp.45-54, 2020 (Peer-Reviewed Journal)
- XVII. **ON THE CHINESE CHECKERS SPHERICAL INVERSIONS INTHREE DIMENSIONAL CHINESE CHECKERS SPACE**
PEKZORLU A., BAYAR A.
Commun.Fac.Sci.Univ.Ank.Ser.A1 Math.Stat, vol.69, no.2, pp.1498-1507, 2020 (Peer-Reviewed Journal)
- XVIII. **SOME PROPERTIES OF PARABOLAS TANGENT TOTWO SIDES OF A TRIANGLE**
BAYAR A., AKÇA Z., ALTINTAŞ A., EKMEKÇİ S.
Journal of Mathematical Sciences: Advances and Applications, vol.48, pp.47-53, 2017 (Peer-Reviewed Journal)
- XIX. **Designing a Software Application for Fibered Fano Planes**
EKMEKÇİ S., AKÇA Z., KESKİN H., BAYAR A.
International Journal of Mathematics and Statistics Invention (IJMSI), vol.5, no.1, pp.32-35, 2017 (Peer-Reviewed Journal)
- XX. **A Computer Program to Determine ProjectivePlanes over Galois Fields**
AKÇA Z., BAYAR A., M Melik U.
International Mathematical Forum, vol.11, no.1, pp.1-9, 2016 (Peer-Reviewed Journal)
- XXI. **ON FANO CONFIGURATIONS OF THE LEFT HALL PLANE OFORDER 9**
AKÇA Z., EKMEKÇİ S., BAYAR A.
Konuralp Journal of Mathematics, vol.4, no.2, pp.124-131, 2016 (Peer-Reviewed Journal)
- XXII. **SOME COPLANAR POINTS IN TETRAHEDRON**
EKMEKÇİ S., AKÇA Z., Altıntaş A., BAYAR A.
Journal of Pure and Applied Mathematics: Advances and Applications, vol.16, no.2, pp.109-114, 2016 (Peer-Reviewed Journal)
- XXIII. **On the complete arcs containing the quadranglesconstructing the Fano planes of the left near field**

plane of order 9

BAYAR A., AKÇA Z., ALTINTAŞ E., EKMEKÇİ S.

New Trends in Mathematical Sciences, vol.4, no.4, pp.266-275, 2016 (Peer-Reviewed Journal)

- XXIV. **On the Complete k 2 Arcs of the Hall Plane of Order 9**
EKMEKÇİ S., BAYAR A., ALTINTAŞ E., AKÇA Z.
International Journal of Advanced Research in Computer Science and Software Engineering, vol.6, no.10, pp.282-288, 2016 (Peer-Reviewed Journal)
- XXV. **On Points and Lines of the Left Hall Plane of Order 9**
AKÇA Z., BAYAR A., Taş M.
International Journal of Algebra, vol.9, no.12, pp.537-542, 2015 (Peer-Reviewed Journal)
- XXVI. **A NOTE ON FIBERED QUADRANGLES**
EKMEKÇİ S., BAYAR A.
Konuralp Journal of Mathematics, vol.3, no.2, pp.185-189, 2015 (Peer-Reviewed Journal)
- XXVII. **On some classical theorems in intuitionistic fuzzy projective plane**
BAYAR A., EKMEKÇİ S.
Konuralp Journal of Mathematics, vol.3, no.1, pp.12-15, 2015 (Peer-Reviewed Journal)
- XXVIII. **ON COMPLEX NUMBERS AND TAXICAB PLANE**
BAYAR A., EKMEKÇİ S., ÖZTÜRK İ.
Mathematical Sciences And Applications E-Notes, vol.3, no.1, pp.58-64, 2015 (Peer-Reviewed Journal)
- XXIX. **On the Group of Isometries of the Generalized Taxicab Plane**
EKMEKÇİ S., BAYAR A., Abdilkadir A.
International Journal of Contemporary Mathematical Sciences, vol.10, no.4, pp.159-166, 2015 (Peer-Reviewed Journal)
- XXX. **On circular inversions in taxicab plane**
BAYAR A., EKMEKÇİ S.
Journal of Advanced Research in Pure Mathematics, vol.6, no.4, pp.33-39, 2014 (Peer-Reviewed Journal)
- XXXI. **On the ellipsoidal projective plane model**
EKMEKÇİ S., BAYAR A.
Journal of Advanced Research in Pure Mathematics, vol.5, no.4, pp.1-8, 2013 (Peer-Reviewed Journal)
- XXXII. **Fuzzy Ellipsoidal Projective Plane Model**
AKÇA Z., EKMEKÇİ S., BAYAR A.
International Journal of Physical Sciences, vol.6, no.7, pp.1808-1813, 2011 (Peer-Reviewed Journal)
- XXXIII. **ON TRIGONOMETRIC FUNCTIONS AND COSINE AND SINE RULES IN TAXICAB PLANE**
BAYAR A., EKMEKÇİ S., Ozcan M.
INTERNATIONAL ELECTRONIC JOURNAL OF GEOMETRY, vol.2, no.1, pp.17-24, 2009 (ESCI)
- XXXIV. **On the Trigonometric Functions in the Maximum Metric**
BAYAR A.
Scientific and Professional Journal of the Croatian Society for Geometry and Graphics, vol.12, pp.45-48, 2008 (Peer-Reviewed Journal)
- XXXV. **The Norm in CC Plane Geometry**
AKÇA Z., BAYAR A., EKMEKÇİ S.
The Pi Mu Epsilon Journal, vol.6, pp.321-324, 2007 (Peer-Reviewed Journal)
- XXXVI. **On the Classification of Fuzzy Projective Lines of Fuzzy 3 Dimensional Projective Space**
AKÇA Z., EKMEKÇİ S., BAYAR A.
Communications Mathematics and Statistics, vol.55, no.2, pp.17-23, 2006 (Peer-Reviewed Journal)
- XXXVII. **Group of Isometries of CC plane**
Kaya R., GELİŞGEN Ö., EKMEKÇİ S., BAYAR A.
Missouri Journal of Mathematical Sciences, vol.18, no.3, pp.221-233, 2006 (Scopus)
- XXXVIII. **On the Chinese Checker Sine and Cosine Functions**
BAYAR A., EKMEKÇİ S.
International Journal of Mathematics and Analysis, vol.1, no.3, pp.249-259, 2006 (Peer-Reviewed Journal)

- XXXIX. **Group of isometries of the CC-plane**
KAYA R., GELİŞGEN Ö., EKMEKÇİ S., BAYAR A.
Missouri Journal of Mathematical Sciences, vol.18, no.3, pp.221-233, 2006 (Scopus)
- XL. **On a taxicab distance on a sphere**
BAYAR A., KAYA R.
Missouri Journal of Mathematical Sciences, vol.17, no.1, pp.41-51, 2005 (Scopus)
- XLI. **On the Taxicab Distance On a Sphere**
BAYAR A., Rüstem K.
Missouri Journal of Mathematical Sciences, vol.17, no.1, pp.41-51, 2005 (Scopus)
- XLII. **The Taxicab Lengths under Rotations**
ÖZCAN M., EKMEKÇİ S., BAYAR A.
The Pi Mu Epsilon Journal, vol.11, no.7, pp.381-384, 2002 (Peer-Reviewed Journal)

Books

- I. **Lineer Cebir II Çözümlü Problemler**
BAYAR A., EKMEKÇİ S., AKÇA Z.
Nisan Kitabevi, 2024
- II. **On Inversions in Generalized Taxicab Space**
BAYAR A., AKÇA Z.
in: PIONEER AND INNOVATIVE STUDIES IN NATURAL SCIENCE AND MATHEMATICS, , Editor, All Sciences Academy, pp.277-294, 2024
- III. **Lineer Cebir I Çözümlü Problemler**
EKMEKÇİ S., BAYAR A., AKÇA Z.
ESOGÜ Basımevi, 2023

Papers Published in Refereed Scientific Meetings

- I. **AN ALGORITHM FOR CONSTRUCTING $(k,2)$ -ARCS CONTAINING TRIANGLE AND QUADRANGLE IN $PG(2,4)$**
ALTINTAŞ KAHRİMAN E., BAYAR A.
5. BİLSEL INTERNATIONAL GORDİON SCIENTIFIC RESEARCHES CONGRESS 08-09 DECEMBER, 2024- ANKARA/ TÜRKİYE <https://bilselkongreleri.>, 08 December 2024, pp.987-997
- II. **Analysis $(k,3)$ -Arcs through Pascal Configuration in $PG(2,5)$**
ALTINTAŞ KAHRİMAN E., BAYAR A.
21th UBAK, 12-13 October 2024, Ankara, 12 - 13 October 2024, pp.114-120
- III. **COMPLETE $(k,3)$ -ARCS RELATED TO PAPPUS CONFIGURATION IN PROJECTIVE PLANE OF ORDER 5**
ALTINTAŞ KAHRİMAN E., BAYAR A.
INTERNATIONAL AEGEAN CONFERENCES ON NATURAL & MEDICAL SCIENCES-X, 05 October 2024
- IV. **INVESTIGATING INCOMPLETE $(7,3)$ -ARCS AND THEIR EXTENSIONS IN $PG(2,5)$: A STUDY ON SECANTS AND COMPLETE QUADRANGLES**
ALTINTAŞ KAHRİMAN E., BAYAR A.
5. BİLSEL INTERNATIONAL WORLD SCIENTIFIC AND RESEARCH CONGRESS 05-06 OCTOBER, 2024- İSTANBUL/ TÜRKİYE, 05 October 2024, pp.536-545
- V. **ON LAPLACIAN SPECTRUM OF THE FINITE PROJECTIVE PLANES OF ORDER 2 AND 3**
Usta B., BAYAR A.
EGE 9th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, İzmir, Turkey, 22 - 24 September 2023, pp.177-185
- VI. **ON THE COMPLETE $(k,2)$ -ARCS OF $PG(2,5)$**

ALTINTAŞ KAHRİMAN E., BAYAR A.

11th INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, İstanbul, Turkey, 9 August - 01 September 2022

- VII. **On Fuzzy Line Spreads**
EKMEKÇİ S., BAYAR A., KAZANÇ F., AKÇA Z.
16th International Geometry Symposium, 4 - 07 July 2018
- VIII. **Fiber Diagonal triangle and Fiber Quadrangular Set**
EKMEKÇİ S., AKÇA Z., BAYAR A.
16th International Geometry Symposium, 4 - 07 July 2018
- IX. **On the Affine Planes Embedded in NFPG(2,9)**
ALTINTAŞ E., BAYAR A., AKÇA Z., EKMEKÇİ S.
16th International Geometry Symposium, 4 - 07 July 2018
- X. **Some Properties of Parabolas Whose Vertices are on Sides of Orthic Triangle and Foci are Orthocenter**
BAYAR A., ALTINTAŞ A., EKMEKÇİ S., AKÇA Z.
16th International Geometry Symposium, 4 - 07 July 2018
- XI. **On Some Arcs in the Smallest Cartesian Group Plane**
AKÇA Z., BAYAR A., EKMEKÇİ S.
16th International Geometry Symposium, 4 - 07 July 2018
- XII. **On Some Properties of the (6,2)-arc in NFPG(2,9)**
ALTINTAŞ E., BAYAR A., AKÇA Z., EKMEKÇİ S.
16th International Geometry Symposium, 4 - 07 July 2018
- XIII. **On Some Classical Theorems in Fibered Projective Plane**
BAYAR A., EKMEKÇİ S., AKÇA Z.
16th International Geometry Symposium, 4 - 07 July 2018
- XIV. **On Intuitionistic Fuzzy Menelaus and Ceva Theorems..**
BAYAR A., AKÇA Z., EKMEKÇİ S.
16th International Geometry Symposium, 4 - 07 July 2018
- XV. **On Coordinatization and Fibered Projective Plane**
AKÇA Z., EKMEKÇİ S., BAYAR A.
16th International Geometry Symposium, 4 - 07 July 2018
- XVI. **On Isometries of $R^{n,2}$**
BAYAR A.
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- XVII. **On Euler Line and Parabolas Tangent to two Sides of a Triangle**
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Citation (WoS): 21

Citation (Scopus): 36

H-Index (WoS): 3

H-Index (Scopus): 4