

## Prof. ZİYA AKÇA

### Personal Information

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### International Researcher IDs

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Yoksis Researcher ID: 19188

### Education Information

Doctorate, Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 1991 - 1995

Postgraduate, Anadolu University, Faculty Of Science, Department Of Mathematics, Turkey 1989 - 1991

Undergraduate, Anadolu University, Faculty Of Science, Department Of Mathematics, Turkey 1984 - 1988

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Taksi trigonometri ve uzay taksi geometrisinin geliştirilmesi üzerine, Eskisehir Osmangazi University, 1995

Postgraduate, En küçük kartezyen grup düzleminin fano konfigürasyonları, Anadolu University, Fen Fakültesi, Matematik Bölümü, 1991

### Research Areas

Mathematics, Geometry, Mathematical Logic and Foundations, Natural Sciences

### Academic Titles / Tasks

Professor, Eskisehir Osmangazi University, FEN FAKÜLTESİ, MATEMATİK VE BİLGİSAYAR BİLİMLERİ BÖLÜMÜ, 2013 - Continues

Associate Professor, Eskisehir Osmangazi University, FEN FAKÜLTESİ, MATEMATİK VE BİLGİSAYAR BİLİMLERİ BÖLÜMÜ, 2008 - 2013

Assistant Professor, Eskisehir Osmangazi University, FEN FAKÜLTESİ, MATEMATİK VE BİLGİSAYAR BİLİMLERİ BÖLÜMÜ, 1995 - 2008

Research Assistant, Anadolu University, Faculty Of Science, Department Of Mathematics, 1988 - 1994

### Academic and Administrative Experience

## Courses

n-BOYUTLU PROJEKTİF UZAYLAR II,A, Postgraduate, 2020 - 2021  
MİNİQUATERNİON GEOMETRİ II,A, Postgraduate, 2020 - 2021  
PROJEKTİF GEOMETRİ II,A, Undergraduate, 2020 - 2021  
UZMANLIK ALAN DERSİ (YL),P, Postgraduate, 2020 - 2021  
ANALİTİK GEOMETRİ II,B, Undergraduate, 2020 - 2021  
GENEL MATEMATİK II,A, Undergraduate, 2020 - 2021  
GENEL MATEMATİK II,A, Undergraduate, 2020 - 2021  
MİNİQUATERNİON GEOMETRİ I(A), Doctorate, 2020 - 2021  
DİFERANSİYELLENEBİLİR MANİFOLDLAR I(A), Postgraduate, 2020 - 2021  
İLERİ PROJEKTİF GEOMETRİ II(A), Doctorate, 2019 - 2020  
REEL PROJEKTİF DÜZLEM MODELLERİ I(A), Undergraduate, 2020 - 2021  
GENEL MATEMATİK I(A), Undergraduate, 2020 - 2021  
LİNEER CEBİR I, Undergraduate, 2020 - 2021, 2019 - 2020  
PROJEKTİF GEOMETRİ II(A), Undergraduate, 2019 - 2020  
GENEL MATEMATİK I(A), Undergraduate, 2020 - 2021  
İŞLETME MATEMATİĞİ II, Undergraduate, 2019 - 2020  
REEL PROJEKTİF DÜZLEM MODELLERİ II(A), Undergraduate, 2019 - 2020  
DOKTORA TEZ ÇALIŞMASI(J), Doctorate, 2019 - 2020  
UZMANLIK ALAN DERSİ (YL)(K), Postgraduate, 2019 - 2020  
LİNEER CEBİR I(A), Undergraduate, 2020 - 2021  
UZMANLIK ALAN DERSİ (YL)(B), Postgraduate, 2020 - 2021  
BULANIK MANTIK, Undergraduate, 2019 - 2020  
MİNİQUATERNİON GEOMETRİ II(A), Doctorate, 2019 - 2020  
LİNEER PROGRAMLAMA, Undergraduate, 2020 - 2021  
YÜKSEK LİSANS TEZ ÇALIŞMASI(B), Postgraduate, 2020 - 2021  
LİNEER PROGRAMLAMA(A), Undergraduate, 2020 - 2021  
UZMANLIK ALAN DERSİ (DR)(J), Doctorate, 2019 - 2020  
GENEL MATEMATİK I, Undergraduate, 2019 - 2020  
UZMANLIK ALAN DERSİ (DR)(K), Doctorate, 2019 - 2020  
UZMANLIK ALAN DERSİ (YL)(H), Postgraduate, 2019 - 2020  
GENELLEŞTİRİLMİŞ DÖRTGENLER I, Doctorate, 2019 - 2020  
MİNİQUATERNİON GEOMETRİ I, Doctorate, 2019 - 2020  
REEL PROJEKTİF DÜZLEM MODELLERİ I(A), Undergraduate, 2019 - 2020  
Analitik Geometri I, Undergraduate, 2018 - 2019

## Advising Theses

AKÇA Z., Bazı Projektif Uzaylarda Veronesean ve Klein Altyapıları Üzerine, Doctorate, A.ALTINTAŞ(Student), 2020  
AKÇA Z., Bazı Geometrilerde Pisagor Teoreminin Genelleştirilmesi Üzerine, Postgraduate, M.NEŞE(Student), 2020  
AKÇA Z.,  $[r]^2_{\pi^3}$ -düzlem geometrisi üzerine, Doctorate, S.NAZLI(Student), 2020  
AKÇA Z., Taksi düzlemde Voronoi diyagramları üzerine, Postgraduate, C.ÇALIŞ(Student), 2019  
AKÇA Z., Taksi ve Çin dama düzlemlerinde fermat noktası üzerine, Postgraduate, B.TÖZEN(Student), 2019  
AKÇA Z., On Hypervector Spaces, Postgraduate, Ü.ERDAL(Student), 2019  
AKÇA Z., BAYAR A., Bazı öklidyen olmayan geometrilerde inversiyonlar üzerine, Doctorate, A.PEKZORLU(Student), 2019  
AKÇA Z., Maksimum Metrikli Düzlemde Konikler Üzerine, Postgraduate, B.TÖZEN(Student), 2018

AKÇA Z., Latin kareler ve fano düzleminde etiketlemeler üzerine, Postgraduate, K.PAMUKSUZ(Student), 2017  
AKÇA Z., EKMEKÇİ S., Fibered projektif düzlemlerde nümerik hesaplamalar üzerine, Doctorate, M.MELİK(Student), 2016  
AKÇA Z., Sol hall sistemi üzerinde kurulan 9. mertebeden projektif düzlemin fano konfigürasyonları üzerine, Postgraduate, M.TAŞ(Student), 2015  
AKÇA Z., Lift metrik üzerine, Postgraduate, H.ÇETİN(Student), 2015  
AKÇA Z., Vektör uzaylarının fuzzy alt uzayları üzerine, Postgraduate, A.ARVAS(Student), 2014  
AKÇA Z., Dokuzuncu mertebeden projektif düzlemde ünitaller üzerine, Postgraduate, H.SEÇKİN(Student), 2013  
AKÇA Z., Üçgensel normlar üzerine, Postgraduate, H.HANCI(Student), 2013  
AKÇA Z., Sol yarıcisim üzerine kurulan 9. mertebeden projektif düzlemin altdüzlemlerinin incelenmesi, Postgraduate, M.MELİK(Student), 2010  
AKÇA Z., Fuzzy projektif düzlem geometri üzerine, Postgraduate, Ş.GÜRKAN(Student), 2006  
AKÇA Z., Sol yarı cisim üzerine 9. mertebeden projektif düzlem ve alt düzlemleri üzerine, Postgraduate, Ö.GÜNEY(Student), 2005  
AKÇA Z., Projektif geometrilerde kategorisel kavramlar, Postgraduate, A.CENGİZ(Student), 2005

## Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, June, 2022  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, June, 2022  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, June, 2022  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, November, 2021  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, November, 2021  
Doctoral Examination, Doctoral Examination, 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, May, 2021  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kütahya Dumlupınar University, December, 2020  
Associate Professor Exam, Associate Professor Exam, Ağrı İbrahim Çeçen Üniversitesi, September, 2020  
Doctorate, Doctorate, Eskişehir Osmangazi Üniversitesi, September, 2020  
Associate Professor Exam, Associate Professor Exam, Eskişehir Teknik Üniversitesi, September, 2020  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, September, 2020  
Doctorate, Doctorate, Eskişehir Osmangazi Üniversitesi, May, 2020  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, May, 2020  
Doctorate, Doctorate, Eskişehir Osmangazi Üniversitesi, February, 2020  
Doctoral Examination, Doctoral Examination, Kütahya Dumlupınar Üniversitesi, February, 2020  
Post Graduate, Post Graduate, Eskişehir Osmangazi Üniversitesi, January, 2020  
Post Graduate, Post Graduate, Eskişehir Osmangazi Üniversitesi, September, 2019  
Post Graduate, Post Graduate, Eskişehir Osmangazi Üniversitesi, August, 2019

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

- I. **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)
- II. **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)
- III. **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)
- IV. **On the Plan Geometry with Generalized Absolute Value Metric**  
Bayar A., Ekmekci S., Akca Z.  
MATHEMATICAL PROBLEMS IN ENGINEERING, vol.2008, 2008 (SCI-Expanded)
- V. **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 THE FUZZIFICATION OF GREEK PLANES OF KLEIN QUADRIC**  
Karakaya ., Akça Z.  
Eskişehir Technical University Journal of Science and and Technology A- Applied Sciences and Engineering, vol.25, no.2, pp.300-307, 2024 (Peer-Reviewed Journal)
- II. **On the Norm in the Plane  $R^2(\pi^3)$**   
Akça Z.  
Turkish Journal of Mathematics and Computer Science, vol.16, no.1, pp.137-142, 2024 (Peer-Reviewed Journal)
- III. **SOME RESULTS ON THE SMALLEST CARTESIAN GROUP PLANE**  
AKÇA Z.  
Eskişehir Teknik Üniversitesi Bilim ve Teknoloji Dergisi b- Teorik Bilimler, vol.11, no.2, pp.143-147, 2023 (Peer-Reviewed Journal)
- IV. **On the Thales Theorem in the Iso-Taxicab Plane**  
AKÇA Z., NAZLI S.  
Hagia Sophia Journal of Geometry, vol.5, no.1, pp.15-20, 2023 (Peer-Reviewed Journal)
- V. **Fuzzy Counterpart of Klein Quadric**  
AKÇA Z., Altıntaş A.  
International Electronic Journal of Geometry, vol.16, no.2, pp.680-688, 2023 (ESCI)
- VI. **On the Shortest Distance in the Plane  $R^2(\pi^3)$**   
AKÇA Z., NAZLI S.  
New Trends in Mathematical Sciences, vol.10, no.4, pp.128-132, 2022 (Peer-Reviewed Journal)
- VII. **On Embedding the Projective Plane  $PG(2,4)$  to the Projective Space  $P(4,4)$**   
BAYAR A., AKÇA Z., EKMEKÇİ S.  
New Trends in Mathematical Sciences, vol.10, no.4, pp.142-150, 2022 (Peer-Reviewed Journal)
- VIII. **On Carnot's Theorem in the plane  $R^2(\pi^3)$**   
AKÇA Z., NAZLI S.  
Hagia Sophia journal of Geometry, vol.4, no.2, pp.35-40, 2022 (Peer-Reviewed Journal)
- IX. **On Fermat Point in CC-Plane**  
AKÇA Z., Tözen B.  
Avrupa Bilim ve Teknoloji Dergisi, vol.41, pp.492-498, 2022 (Peer-Reviewed Journal)
- X. **On The Fano Planes in  $(7n-1)$ -dimensional Projective Spaces**  
AKÇA Z., ALTINTAŞ A.  
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.15, no.2, pp.442-447, 2022 (Peer-Reviewed Journal)

- XI. **Some Results on the Klein Quadric Representation for a General Quantum Spacetime**  
AKÇA Z., ALTINTAŞ A.  
Prespacetime Journal, vol.13, no.5, pp.1-6, 2022 (Peer-Reviewed Journal)
- XII. **On the versions in the plane  $R^2$  ( $\pi^3$ ) of some Euclidean theorems**  
AKÇA Z., NAZLI S.  
New Trends in Mathematical Sciences, vol.10, no.1, pp.20-27, 2022 (Peer-Reviewed Journal)
- XIII. **On The Projective Planes In Projective Space  $PG(4,4)$**   
EKMEKÇİ S., BAYAR A., AKÇA Z.  
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.38, no.3, pp.519-524, 2022 (Peer-Reviewed Journal)
- XIV. **A Note on Fano Configurations in the Projective Space  $PG(5,2)$**   
AKÇA Z., ALTINTAŞ A.  
Konuralp Journal of Mathematics, vol.9, no.1, pp.190-192, 2021 (Peer-Reviewed Journal)
- XV. **On The Voronoi Diagram and Taxicab Plane**  
Akça Z., Çalış C.  
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.14, no.1, pp.175-181, 2021 (Peer-Reviewed Journal)
- XVI. **On The Trigonometric Functions in  $R^2$  ( $\pi^3$ )**  
Nazlı S., Akça Z.  
Konuralp Journal of Mathematics, vol.8, no.2, pp.429-437, 2020 (Peer-Reviewed Journal)
- XVII. **A Note on Embedding the 4-arcs of Fano Plane with Quadric and Cubic Veroneseans to Projective Spaces**  
AKÇA Z., ALTINTAŞ A.  
MATHEMATICAL SCIENCES AND APPLICATIONS E-NOTES, vol.8, no.2, pp.60-64, 2020 (Peer-Reviewed Journal)
- XVIII. **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)
- XIX. **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)
- XX. **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)
- XXI. **Lines parallel to one side of triangle related to basic means**  
ALTINTAŞ A., GIUGIUC L., AKÇA Z.  
International Journal of Mathematics and Statistics Invention (IJMSI), vol.5, no.2, pp.37-40, 2017 (Peer-Reviewed Journal)
- XXII. **ON FANO CONFIGURATIONS OF THE LEFT HALL PLANE OF ORDER 9**  
AKÇA Z., EKMEKÇİ S., BAYAR A.  
Konuralp Journal of Mathematics, vol.4, no.2, pp.124-131, 2016 (Peer-Reviewed Journal)
- XXIII. **On the complete arcs containing the quadrangles constructing 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. **A Computer Program to Determine Projective Planes over Galois Fields**  
AKÇA Z., BAYAR A., M Melik U.  
International Mathematical Forum, vol.11, no.1, pp.1-9, 2016 (Peer-Reviewed Journal)
- XXV. **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)

- XXVI. **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)
- XXVII. **On Trigonometric Functions and Norm in the Generalized Taxicab Metric**  
EKMEKÇİ S., AKÇA Z., ALTINTAŞ A. K.  
Mathematical Sciences and Applications E-Notes, vol.3, no.2, pp.27-33, 2015 (Peer-Reviewed Journal)
- XXVIII. **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)
- XXIX. **On Blocking Sets in A Special Projective Plane of Order 9**  
Akça Z., Uzun M. M.  
Mathematical Sciences and Applications E-Notes, vol.1, no.1, pp.1-9, 2013 (Peer-Reviewed Journal)
- XXX. **On the Numerical Computation of Some  $t$  fold Blocking sets in the Baer subplane**  
AKÇA Z., M MELİK U.  
Applied Mathematical Sciences, vol.6, no.124, pp.6161-6170, 2012 (Peer-Reviewed Journal)
- XXXI. **On the  $k$  3 arcs of CPG 2 25 5**  
AKÇA Z., Günaltılı İ.  
Anadolu University Journal of Science and Technology- B Theoretical Sciences, vol.1, no.0, pp.21-27, 2012 (Peer-Reviewed Journal)
- XXXII. **A NUMERICAL COMPUTATION OF  $(k, 3)$ -ARCS IN THE LEFT SEMIFIELD PLANE OF ORDER 9**  
Akca Z.  
INTERNATIONAL ELECTRONIC JOURNAL OF GEOMETRY, vol.4, no.2, pp.13-21, 2011 (ESCI)
- XXXIII. **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)
- XXXIV. **A note on fuzzy subgeometries of fuzzy  $n$  dimensional projective space**  
AKÇA Z.  
J. Adv. Res. Appl. Math., vol.3, no.1, pp.70-77, 2011 (Peer-Reviewed Journal)
- XXXV. **On planar fuzzy ternary rings Commun**  
AKÇA Z., Kaya R.  
Fac. Sci. Univ. Ank. Sér. A1 Math. Stat., vol.60, no.0, pp.1-8, 2011 (Peer-Reviewed Journal)
- XXXVI. **On fuzzify the notion of Grassmannian in fuzzy  $n$  dimensional projective space 2011 Vol 6 25 5877 5882**  
AKÇA Z.  
International Journal of the Physical Sciences, vol.6, no.25, pp.5877-5882, 2011 (Peer-Reviewed Journal)
- XXXVII. **A note on coordinatization a fibered projective plane**  
AKÇA Z.  
J. Adv. Res. Pure Math., vol.3, no.2, pp.1-6, 2011 (Peer-Reviewed Journal)
- XXXVIII. **The Norm in CC Plane Geometry**  
AKÇA Z., BAYAR A., EKMEKÇİ S.  
The Pi Mu Epsilon Journal, vol.6, no.0, pp.321-324, 2007 (Peer-Reviewed Journal)
- XXXIX. **On finite circular spaces**  
Günaltılı İ., AKÇA Z., OLGUN Ş.  
Appl. Sci, vol.8, no.1, pp.85-90, 2006 (Peer-Reviewed Journal)
- XL. **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)
- XLI. **On the Fano subplanes of the left semifield plane of order 9**  
AKÇA Z., GÜNALTILI İ., ÖZGÜR G.  
Hacet. J. Math. Stat., vol.35, no.1, pp.55-61, 2006 (Peer-Reviewed Journal)

- XLII. **0 1 conditional linear matrices with two consecutive column degrees**  
Günaltılı İ., AKÇA Z., Anapa P.  
Int. J. Math. Anal, vol.1, no.1, pp.23-35, 2006 (Peer-Reviewed Journal)
- XLIII. **On the norm in higher dimensional taxicab spaces**  
AKÇA Z., KAYA R.  
Hadronic J. Suppl. vol.19, no.4, pp.491-501, 2004 (Peer-Reviewed Journal)
- XLIV. **On the distance formulae in three dimensional taxicab space Hadronic J**  
AKÇA Z., RÜSTEM K.  
Hadronic J., vol.27, no.5, pp.521-532, 2004 (Peer-Reviewed Journal)
- XLV. **The inner product of taxicab geometry**  
Kocayusufoğlu İ., Akça Z., Ekici C.  
The Scientific J. The Kazakh State National University, on the section "Mathematics, Mechanics and Informatics, vol.20, no.1, pp.33-39, 2000 (Peer-Reviewed Journal)
- XLVI. **General equation for taxicab conics and their classification**  
KAYA R., AKÇA Z., ÖZCAN M., GÜNALTILI İ.  
Mitt. Math. Ges. Hamburg, vol.19, no.0, pp.135-148, 2000 (Peer-Reviewed Journal)
- XLVII. **The Norm in Taxicab Geometry**  
EKİCİ C., KOCAYUSUFOĞLU İ., AKÇA Z.  
Turkish Journal Of Mathematics, vol.22, no.3, pp.295-307, 1999 (Scopus)
- XLVIII. **On the taxicab trigonometry**  
AKÇA Z., rüstem k.  
J. of Inst. Math. Comput. Sci. Math. Ser., vol.10, no.3, pp.151-159, 1997 (Peer-Reviewed Journal)
- XLIX. **On the subplanes of the cartesian group plane of order 25 1997 1 7**  
AKÇA Z., rüstem k.  
Türk Matematik Sempozyumu Kitapçığı, vol.0, no.0, pp.1-7, 1997 (Non Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **THE RULED SURFACES GENERATED BY QUASI-VECTORS IN  $E^4$  SPACE**  
Ekici A., AKÇA Z., EKİCİ C.  
BİLTEK-VII 7. INTERNATIONAL SYMPOSIUM ON CURRENT DEVELOPMENTS IN SCIENCE, TECHNOLOGY AND SOCIAL SCIENCES, Ankara, Turkey, 26 May 2023
- II. **On Some Classical Theorems in Fibered Projective Plane**  
BAYAR A., EKMEKÇİ S., AKÇA Z.  
16th International Geometry Symposium, 4 - 07 July 2018
- III. **On Coordinatization and Fibered Projective Plane**  
AKÇA Z., EKMEKÇİ S., BAYAR A.  
16th International Geometry Symposium, 4 - 07 July 2018
- IV. **On Some Arcs in the Smallest Cartesian Group Plane**  
AKÇA Z., BAYAR A., EKMEKÇİ S.  
16th International Geometry Symposium, 4 - 07 July 2018
- V. **Fiber Diagonal triangle and Fiber Quadrangular Set**  
EKMEKÇİ S., AKÇA Z., BAYAR A.  
16th International Geometry Symposium, 4 - 07 July 2018
- VI. **On Fuzzy Hyperplanes of Fuzzy 5-Dimensional Projective Space**  
AKÇA Z.  
16th International Geometry Symposium, 4 - 07 July 2018
- VII. **On Fuzzy Line Spreads**  
EKMEKÇİ S., BAYAR A., KAZANÇ F., AKÇA Z.  
16th International Geometry Symposium, 4 - 07 July 2018

- VIII. **On Some Properties of the  $(6,2)$ -arc in  $NFG(2,9)$**   
 ALTINTAŞ E., BAYAR A., AKÇA Z., EKMEKÇİ S.  
 16th International Geometry Symposium, 4 - 07 July 2018
- IX. **On the Affine Planes Embedded in  $NFG(2,9)$**   
 ALTINTAŞ E., BAYAR A., AKÇA Z., EKMEKÇİ S.  
 16th International Geometry Symposium, 4 - 07 July 2018
- X. **On Intuitionistic Fuzzy Menelaus and Ceva Theorems..**  
 BAYAR A., AKÇA Z., EKMEKÇİ S.  
 16th International Geometry Symposium, 4 - 07 July 2018
- XI. **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
- XII. **On Euler Line and Parabolas Tangent to two Sides of a Triangle**  
 BAYAR A., AKÇA Z., ALTINTAŞ A., EKMEKÇİ S.  
 International Congress on Science and Education, 23 - 25 March 2018
- XIII. **On Coplanarity and Barycentric Coordinates in a Tetrahedron**  
 AKÇA Z., BAYAR A., ALTINTAŞ A., EKMEKÇİ S.  
 International Congress on Science and Education, 23 - 25 March 2018
- XIV. **On Fuzzy Version of Grassmannians in Fuzzy  $n$ -Dimensional Projective Space**  
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