

Prof. ZİYA AKÇA

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 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

Doctorate

MİNİQUATERNİON GEOMETRİ I(A), Doctorate, 2020 - 2021
İLERİ PROJEKTİF GEOMETRİ II(A), Doctorate, 2019 - 2020
DOKTORA TEZ ÇALIŞMASI(J), Doctorate, 2019 - 2020
MİNİQUATERNİON GEOMETRİ II(A), Doctorate, 2019 - 2020
UZMANLIK ALAN DERSİ (DR)(J), Doctorate, 2019 - 2020
UZMANLIK ALAN DERSİ (DR)(K), Doctorate, 2019 - 2020
GENELLEŞTİRİLMİŞ DÖRTGENLER I, Doctorate, 2019 - 2020
MİNİQUATERNİON GEOMETRİ I, Doctorate, 2019 - 2020

Postgraduate

n-BOYUTLU PROJEKTİF UZAYLAR II,A, Postgraduate, 2020 - 2021
MİNİQUATERNİON GEOMETRİ II,A, Postgraduate, 2020 - 2021
UZMANLIK ALAN DERSİ (YL),P, Postgraduate, 2020 - 2021
DİFERANSİYELLENEBİLİR MANİFOLDLAR I(A), Postgraduate, 2020 - 2021
UZMANLIK ALAN DERSİ (YL)(K), Postgraduate, 2019 - 2020
UZMANLIK ALAN DERSİ (YL)(B), Postgraduate, 2020 - 2021
YÜKSEK LİSANS TEZ ÇALIŞMASI(B), Postgraduate, 2020 - 2021
UZMANLIK ALAN DERSİ (YL)(H), Postgraduate, 2019 - 2020

Undergraduate

PROJEKTİF GEOMETRİ II,A, Undergraduate, 2020 - 2021
ANALİTİK GEOMETRİ II,B, Undergraduate, 2020 - 2021
GENEL MATEMATİK II,A, Undergraduate, 2020 - 2021
GENEL MATEMATİK II,A, Undergraduate, 2020 - 2021
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
LİNEER CEBİR I(A), Undergraduate, 2020 - 2021
BULANIK MANTIK, Undergraduate, 2019 - 2020
LİNEER PROGRAMLAMA, Undergraduate, 2020 - 2021
LİNEER PROGRAMLAMA(A), Undergraduate, 2020 - 2021
GENEL MATEMATİK I, Undergraduate, 2019 - 2020
REEL PROJEKTİF DÜZLEM MODELLERİ I(A), Undergraduate, 2019 - 2020
Analitik Geometri I, Undergraduate, 2018 - 2019

Supervised Theses

Akça Z., Çin Dama Uzayında Bazı Araştırmalar, Postgraduate, M.HAM(Student), 2025
Akça Z., 25. Mertebeden kartezyen grup düzleminde altyapılar üzerine, Postgraduate, E.MENGİ(Student), 2025
Akça Z., Sol Yarı Cisim Düzleminde 3-net ve 4-netler Üzerine, Postgraduate, G.TEPE(Student), 2025
Akça Z., 4-boyutlu uzayda q-çatı vektörleri ile oluşan regle yüzeyler, Postgraduate, A.EKİCİ(Student), 2024
AKÇA Z., $[r]^2_{\pi^3}$ -düzlem geometrisi üzerine, Doctorate, S.NAZLI(Student), 2020

AKÇA Z., Bazı Geometrilerde Pisagor Teoreminin Genelleştirilmesi Üzerine, Postgraduate, M.NEŞE(Student), 2020
AKÇA Z., Bazı Projektif Uzaylarda Veronesean ve Klein Altyapıları Üzerine, Doctorate, A.ALTINTAŞ(Student), 2020
AKÇA Z., Taksi ve Çin dama düzlemlerinde fermat noktası üzerine, Postgraduate, B.TÖZEN(Student), 2019
AKÇA Z., BAYAR A., Bazı öklidyen olmayan geometrilerde inversiyonlar üzerine, Doctorate, A.PEKZORLU(Student), 2019
AKÇA Z., Taksi düzlemde Voronoi diyagramları üzerine, Postgraduate, C.ÇALIŞ(Student), 2019
AKÇA Z., On Hypervector Spaces, Postgraduate, Ü.ERDAL(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 ünitaler 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., Projektif geometrilerde kategorisel kavramlar, Postgraduate, A.CENGİZ(Student), 2005
AKÇA Z., Sol yarı cisim üzerine 9. mertebeden projektif düzlem ve alt düzlemleri üzerine, Postgraduate, Ö.GÜNEY(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. **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)
- III. **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)
- IV. **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)
- V. **On the Plan Geometry with Generalized Absolute Value Metric**
Bayar A., Ekmekci S., Akca Z.
MATHEMATICAL PROBLEMS IN ENGINEERING, vol.2008, 2008 (SCI-Expanded)
- VI. **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 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)
- 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 (Scopus)
- III. **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)
- IV. **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)
- V. **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)
- VI. **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)
- VII. **Fuzzy Counterpart of Klein Quadric**
AKÇA Z., Altıntaş A.

- International Electronic Journal of Geometry, vol.16, no.2, pp.680-688, 2023 (ESCI)
- VIII. **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)
- IX. **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)
- X. **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)
- XI. **On Fermat Point in CC-Plane**
AKÇA Z., TÖZEN B.
Avrupa Bilim ve Teknoloji Dergisi, vol.41, pp.492-498, 2022 (Peer-Reviewed Journal)
- XII. **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)
- XIII. **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)
- XIV. **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)
- XV. **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)
- XVI. **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)
- XVII. **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)
- XVIII. **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 (Scopus)
- XIX. **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)
- XX. **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)
- XXI. **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)
- XXII. **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)
- XXIII. **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)
- XXIV. **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)
- XXV. **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)
- XXVI. **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)
- XXVII. **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)
- XXVIII. **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)
- XXIX. **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)
- XXX. **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)
- XXXI. **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)
- XXXII. **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)
- XXXIII. **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)
- XXXIV. **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)
- XXXV. **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)
- XXXVI. **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)
- XXXVII. **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)
- XXXVIII. **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)

- XXXIX. **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)
- XL. **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)
- XLI. **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)
- XLII. **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)
- XLIII. **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)
- XLIV. **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)
- XLV. **On finite circular spaces**
Günaltılı İ., AKÇA Z., OLGUN Ş.
Appl. Sci., vol.8, no.1, pp.85-90, 2006 (Peer-Reviewed Journal)
- XLVI. **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)
- XLVII. **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)
- XLVIII. **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)
- XLIX. **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)
- L. **The Norm in Taxicab Geometry**
EKİCİ C., KOCAYUSUFOĞLU İ., AKÇA Z.
Turkish Journal Of Mathematics, vol.22, no.3, pp.295-307, 1999 (Scopus)
- LI. **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)
- LII. **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)

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. THE RULED SURFACES GENERATED BY QUASI-VECTORS IN E^4 SPACE

Ekici A., AKÇA Z., EKİCİ C.

BILTEK-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 $NFG(2,9)$

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