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Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Matematik- Geometri, Turkey 2011 - 2014

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Matematik-Geometri, Turkey 2008 - 2011

Undergraduate, Ankara University, Fen Fakültesi, Matematik, Turkey 2004 - 2008

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Keyfi tipli tensör demetlerin geometrisi, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Matematik-Geometri, 2014

Postgraduate, Sabit eğrilik oranlı eğriler ve karakterizasyonları, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Matematik-Geometri, 2011

Research Areas

Mathematics, Differential Geometry, Natural Sciences

Academic Titles / Tasks

Associate Professor, Erzincan Binali Yildirim University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2017 - Continues

Assistant Professor, Erzincan Binali Yildirim University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2015 - 2017

Research Assistant, Erzincan Binali Yildirim University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2011 - 2015

Advising Theses

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Conformal Yamabe Solitons on Tangent Bundles with Complete Lifts of Some Special Connections**
Altunbaş M.
Comptes rendus de l'Académie bulgare des Sciences, vol.76, no.8, pp.1176-1186, 2023 (SCI-Expanded)
- II. **Geodesics and isocline distributions in tangent bundles of nonflat Lorentzian-Heisenberg spaces**
ALTUNBAŞ M.
Turkish Journal of Mathematics, vol.47, no.1, pp.234-247, 2023 (SCI-Expanded)
- III. **Killing Magnetic Curves in Non-Flat Lorentzian-Heisenberg Spaces**
ALTUNBAŞ M.
Filomat, vol.36, no.8, pp.2645-2655, 2022 (SCI-Expanded)
- IV. **Some harmonic problems on the tangent bundle with a berger-type deformed sasaki metric**
ALTUNBAŞ M., Simsek R., GEZER A.
UPB Scientific Bulletin, Series A: Applied Mathematics and Physics, vol.82, no.2, pp.37-42, 2020 (SCI-Expanded)
- V. **Remarks about the Kaluza-Klein metric on tangent bundle**
ALTUNBAŞ M., BİLEN L., GEZER A.
INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, vol.16, no.3, 2019 (SCI-Expanded)
- VI. **A Study Concerning Berger Type Deformed Sasaki Metric on the Tangent Bundle**
ALTUNBAŞ M., Simsek R., GEZER A.
JOURNAL OF MATHEMATICAL PHYSICS ANALYSIS GEOMETRY, vol.15, no.4, pp.435-447, 2019 (SCI-Expanded)
- VII. **On Affine Connections Induced on the (1,1)-Tensor Bundle**
ALTUNBAŞ M., GEZER A.
CHINESE ANNALS OF MATHEMATICS SERIES B, vol.39, no.4, pp.683-694, 2018 (SCI-Expanded)
- VIII. **On the rescaled Riemannian metric of Cheeger-Gromoll type on the cotangent bundle**
GEZER A., ALTUNBAŞ M.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.45, no.2, pp.355-365, 2016 (SCI-Expanded)
- IX. **On the (1,1)-tensor bundle with Cheeger-Gromoll type metric**
GEZER A., Altunbas M.
PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCES-MATHEMATICAL SCIENCES, vol.125, no.4, pp.569-576, 2015 (SCI-Expanded)
- X. **ON THE GEOMETRY OF THE RESCALED RIEMANNIAN METRIC ON TENSOR BUNDLES OF ARBITRARY TYPE**
Gezer A., ALTUNBAŞ M.
KODAI MATHEMATICAL JOURNAL, vol.38, no.1, pp.37-64, 2015 (SCI-Expanded)
- XI. **Some results on a cross-section in the tensor bundle**
Gezer A., ALTUNBAŞ M.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.43, no.3, pp.391-397, 2014 (SCI-Expanded)
- XII. **NOTES ON THE RESCALED SASAKI TYPE METRIC ON THE COTANGENT BUNDLE**
Gezer A., ALTUNBAŞ M.
ACTA MATHEMATICA SCIENTIA, vol.34, no.1, pp.162-174, 2014 (SCI-Expanded)
- XIII. **Some notes concerning Riemannian metrics of Cheeger Gromoll type**
Gezer A., ALTUNBAŞ M.
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.396, no.1, pp.119-132, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **RICCI-YAMABE SOLITONS ON THE LIE GROUP $H_2 \times \mathbb{R}$**

ALTUNBAŞ M.

International Journal of Maps in Mathematics, vol.7, no.2, pp.217-223, 2024 (Scopus)

- II. **On harmonic maps on cotangent bundles**
Altunbaş M.
FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS, vol.39, no.4, pp.1-10, 2024 (ESCI)
- III. **Reeb Flow Invariant Unit Tangent Sphere Bundles with the Kaluza-Klein Metric**
Altunbaş M.
Konuralp Journal of Mathematics, vol.12, no.2, pp.120-123, 2024 (Scopus)
- IV. **Yamabe and gradient Yamabe solitons on three-dimensional generalized symmetric spaces**
Altunbaş M.
Journal of Advanced Mathematical Studies, vol.17, no.3, pp.285-290, 2024 (Peer-Reviewed Journal)
- V. **Some characterizations of hyperbolic Ricci solitons on nearly cosymplectic manifolds with respect to the Tanaka-Webster connection**
Altunbaş M.
İstanbul Journal of Mathematics, vol.2, no.1, pp.28-32, 2024 (Peer-Reviewed Journal)
- VI. **Generalized η -Ricci solitons on f -Kenmotsu manifolds admitting a quarter symmetric metric connection**
Altunbaş M.
Journal of Finsler Geometry and its Applications, vol.5, no.1, pp.80-87, 2024 (Peer-Reviewed Journal)
- VII. **Ricci-Yamabe solitons on the Lie group $H^2 \times R$**
Altunbaş M.
International Journal of Maps in Mathematics, vol.7, no.2, pp.217-223, 2024 (Scopus)
- VIII. **Ricci Solitons of Three-Dimensional Lorentzian Bianchi-Cartan-Vranceanu Spaces**
Altunbaş M.
Turkish Journal of Mathematics and Computer Science, vol.15, no.2, pp.1-7, 2023 (Peer-Reviewed Journal)
- IX. **Notes on meta-golden Riemannian structures**
Altunbaş M.
Advanced Studies: Euro-Tbilisi Mathematical Journal, vol.16, no.4 (supp), pp.43-54, 2023 (ESCI)
- X. **Statistical structures and Killing vector fields on tangent bundles with respect to two different metrics**
Altunbaş M.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.72, no.3, pp.825, 2023 (ESCI)
- XI. **Ricci solitons on tangent bundles with the complete lift of a projective semi-symmetric connection**
Altunbaş M.
Gulf Journal of Mathematics, vol.14, no.2, pp.8-15, 2023 (Scopus)
- XII. **A Short Note on a Mus-Cheeger-Gromoll Type Metric**
Altunbaş M.
Journal of New Theory, vol.42, pp.1-7, 2023 (Peer-Reviewed Journal)
- XIII. **Metallic Riemannian Structures on the Tangent Bundles of Riemannian Manifolds with g -Natural Metrics**
Altunbaş M.
International Electronic Journal of Geometry, vol.16, no.1, pp.95-103, 2023 (Scopus)
- XIV. **Generalized Kantowski-Sachs type spacetime metrics and their harmonicity**
Altunbaş M.
Journal of Geometry, vol.113, no.3, 2022 (ESCI)
- XV. **A NOTE ON f -BIHARMONIC CURVES IN LORENTZIAN HEISENBERG AND LORENTZIAN Sol_3 SPACES**
ALTUNBAŞ M.
Journal of the Indian Mathematical Society, vol.89, no.3-4, pp.215-225, 2022 (Scopus)
- XVI. **SOME SPECIAL CURVES IN THE UNIT TANGENT BUNDLES OF SURFACES**
Altunbaş M.

- JOURNAL OF SCIENCE AND ARTS, vol.22, pp.257-264, 2022 (ESCI)
- XVII. **Metallic structures on tangent bundles of Lorentzian para-Sasakian manifolds**
Altunbaş M., Şengül Ç.
JOURNAL OF MAHANI MATHEMATICAL RESEARCH, vol.12, no.1, pp.137-149, 2022 (Peer-Reviewed Journal)
- XVIII. **T-FLATNESS AND BOCHNER FLATNESS OF THE TANGENT BUNDLES OF LIE GROUPS**
ALTUNBAŞ M.
Proceedings of the Institute of Mathematics and Mechanics, vol.48, no.2, pp.206-213, 2022 (Scopus)
- XIX. **N-Legendre and N-slant curves in the unit tangent bundles of Minkowski surfaces with natural diagonal structures**
Altunbaş M.
JOURNAL OF MATHEMATICAL EXTENSION, vol.16, pp.1-17, 2022 (ESCI)
- XX. **Horizontal lift metric on the tangent bundle of a Weyl manifold**
ALTUNBAŞ M.
FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS, 2021 (ESCI)
- XXI. **The Metrics $G = agS + bgH + cgV$ on the Tangent Bundle of a Weyl Manifold**
ALTUNBAŞ M.
Mathematica Pannonica, 2021 (Peer-Reviewed Journal)
- XXII. **On f-biharmonic Curves in the Three-dimensional Lorentzian Sasakian Manifolds**
ALTUNBAŞ M.
Hagia Sophia Journal of Geometry, 2021 (Peer-Reviewed Journal)
- XXIII. **f-Biharmonic Curves in the Three-dimensional Para-Sasakian Space Forms**
ALTUNBAŞ M.
Earthline Journal of Mathematics, 2021 (Peer-Reviewed Journal)
- XXIV. **The Schouten-Van Kampen connection on the (1,1)-tensor bundle**
Altunbaş M., GEZER A.
RENDICONTI DEL CIRCOLO MATEMATICO DI PALERMO, vol.67, no.3, pp.557-567, 2018 (ESCI)
- XXV. **Some applications on tangent bundle with Kaluza-Klein metric**
ALTUNBAŞ M., Taştan M.
New Trends in Mathematical Sciences, vol.5, no.1, pp.34-39, 2017 (Peer-Reviewed Journal)
- XXVI. **Curvature properties of Riemannian metric of the form $Sgf+Hg$ on the tangent bundle over a Riemannian manifold (M,g)**
Gezer A., Karaman Ç., Bilen L., ALTUNBAŞ M.
INTERNATIONAL ELECTRONIC JOURNAL OF GEOMETRY, vol.8, pp.181-194, 2015 (ESCI)

Books & Book Chapters

- I. **Canavarlara Güvenebilirsiniz (İlk 100 Sayı ve Onların Karakterleri)**
ALTUNBAŞ M.
Cinius Yayınları, 2020
- II. **Sonsuz Çiftlikte Yaşam**
ALTUNBAŞ M.
Cinius Yayınları, 2020
- III. **Sonsuzluğun Galerisi**
ALTUNBAŞ M.
Cinius Yayınları, 2020
- IV. **Sayılar (Tarihleri, Gizemleri, Teorileri)**
ALTUNBAŞ M.
Cinius Yayınları, 2020
- V. **Gerçekten Büyük Sayılar**
ALTUNBAŞ M.

Refereed Congress / Symposium Publications in Proceedings

- I. **On harmonicity of generalized magnetic curves**
Altunbaş M.
3rd International Symposium on Current Developments in Fundamental and Applied Mathematics Sciences (ISCDFAMS -2024), İstanbul, Turkey, 2 - 05 September 2024, pp.1
- II. **Kaluza-Klein Metrikli Reeb Akışı Değişmeyen Birim Tanjant Küre Demetleri**
Altunbaş M.
35. Ulusal Matematik Sempozyumu, Edirne, Turkey, 4 - 08 September 2023, pp.75
- III. **Notes on Meta-Golden Riemannian Structures**
ALTUNBAŞ M.
International Conference on Mathematics and Mathematics Education, Denizli, Turkey, 22 September 2022
- IV. **Properties of Berger Type Deformed Sasaki Metric**
ŞİMŞEK R., ALTUNBAŞ M., GEZER A.
16th International Geometry Symposium, Manisa, Turkey, 4 - 07 July 2018, pp.1
- V. **On the Natural Isometric Immersion From Normal Bundle of a Surface to Tangent Bundle of an AntiParaHermitian Manifold**
ALTUNBAŞ M., GEZER A.
International Conference on Applied Analysis and Mathematical Modelling (ICAAMM 2018), İstanbul, Turkey, 20 - 24 June 2018, pp.1
- VI. **On the Geometry of Tangent Bundle with Berger Type Deformed Sasaki Metric**
ALTUNBAŞ M., GEZER A.
International Conference on Mathematical Advances and Applications (ICOMAA2018), İstanbul, Turkey, 11 - 13 May 2018, pp.1
- VII. **Some properties of Kaluza-Klein metric on tangent bundle**
ALTUNBAŞ M., GEZER A., Bilen L.
15 th Geometry Symposium, Amasya, Turkey, 3 - 06 July 2017, pp.1
- VIII. **A Schouten-Van Kampen connection on the (1,1)-tensor bundle**
ALTUNBAŞ M., GEZER A.
International Conference on Mathematics and Engineering, İstanbul, Turkey, 10 - 12 May 2017, pp.1
- IX. **A generalization of Cheeger-Gromoll metric on tangent bundle**
ALTUNBAŞ M., GEZER A.
14. GEOMETRY SYMPOSIUM, Denizli, Turkey, 25 - 28 May 2016, pp.1
- X. **The Vranceanu Connections on The Riemannian (1,1)-Tensor Bundle**
Altunbas M., GEZER A., Dogan E.
International Conference on Advances in Natural and Applied Sciences (ICANAS), Antalya, Turkey, 21 - 23 April 2016, vol.1726
- XI. **(1,1)-Tipli Tensör Demet Üzerinde Ara Lift Konneksiyonu**
ALTUNBAŞ M., GEZER A.
13. Geometri Sempozyumu, İstanbul, Turkey, 27 - 30 July 2015, pp.129
- XII. **(1,1)-Tipli tensör demet üzerinde iki farklı Schouten-Van Kampen konneksiyonu**
ALTUNBAŞ M., GEZER A.
10. Ankara Matematik Günleri, Ankara, Turkey, 11 - 12 June 2015, pp.26
- XIII. **A Riemannian almost product structure which is compatible with Cheeger-Gromoll metric on (1,1)-tensor bundle**
ALTUNBAŞ M., GEZER A.
Karatekin Mathematics Days 2014, Çankırı, Turkey, 11 - 13 June 2014, pp.190
- XIV. **The rescaled Sasaki type metrics on tensor bundles**

ALTUNBAŞ M., GEZER A.

11. Geometri Sempozyumu, Ordu, Turkey, 1 - 05 July 2013, pp.17

XV. **Kotanjant Demet Üzerinde Yeniden skalerlendirilmiş Cheeger Gromoll tipli Riemann metriği**

ALTUNBAŞ M., GEZER A.

8. Ankara Matematik Günleri, Ankara, Turkey, 13 - 14 June 2013, pp.9

XVI. **Cheeger Gromoll tipli Riemann metrikleri üzerine notlar**

ALTUNBAŞ M., GEZER A.

7. Ankara Matematik Günleri, Ankara, Turkey, 31 May - 01 June 2012, pp.50

XVII. **E-3 çizgiler uzayında bir eğrinin Frenet vektörleri T,N,B nin oluşturduğu regle yüzeyler**

OKUYUCU Z., ALTUNBAŞ M., ŞAHAN M., HACISALİHOĞLU H.

7. Geometri Sempozyumu, Kırşehir, Turkey, 7 - 10 July 2009, pp.42

Supported Projects

Altunbaş M., Bilen L., Gezer A., Project Supported by Higher Education Institutions, Tanjant demette Kaluza Klein metriğinin geometrisi, 2016 - 2017

ALTUNBAŞ M., GEZER A., Project Supported by Higher Education Institutions, (1,1)-Tipli Riemann Tensör Demeti Üzerinde Bağlantılı Schouten-Van Kampen Konneksiyonları, 2016 - 2017

Memberships / Tasks in Scientific Organizations

Mathematical Association of America, Member, 2017 - Continues

Türk Matematik Derneği, Member, 2015 - Continues

Metrics

Publication: 61

Citation (WoS): 77

Citation (Scopus): 88

H-Index (WoS): 5

H-Index (Scopus): 5