

Prof. İSMAİL GÖK

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAF-7786-2020

Yoksis Researcher ID: 114189

Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2005 - 2010

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 2003 - 2005

Undergraduate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 1998 - 2003

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Kontak geometride yüzeyler teorisi, Ankara University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2010

Postgraduate, Kontak Manifoldlarda Temel formlar ve yönlendirme, Ankara University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2005

Research Areas

Geometry

Academic Titles / Tasks

Professor, Ankara University, Fen Fakültesi, Matematik Bölümü, 2020 - Continues

Associate Professor, Ankara University, Fen Fakültesi, Matematik Bölümü, 2013 - 2020

Assistant Professor, Ankara University, Fen Fakültesi, Matematik Bölümü, 2012 - 2013

Research Assistant, Ankara University, Fen Fakültesi, Matematik Bölümü, 2005 - 2012

Academic and Administrative Experience

Ankara University, 2013 - 2017

Courses

Analytic Geometry II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
Lineer Cebir, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
Bitirme Projesi, Undergraduate, 2022 - 2023, 2021 - 2022
Kuaterniyonlar Teorisi II, Postgraduate, 2022 - 2023, 2021 - 2022
Uzmanlık Alan Dersi, Postgraduate, 2022 - 2023
Dönüşümler Ve Geometrilere, Undergraduate, 2022 - 2023, 2021 - 2022
Yarı Riemann Geometrisi, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
Uzmanlık Alan Dersi, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Çok Lineer Cebir I, Postgraduate, 2023 - 2024
Seminer, Postgraduate, 2022 - 2023
Differential Geometry, Undergraduate, 2022 - 2023
Tez Çalışması, Postgraduate, 2023 - 2024
Tez Çalışması, Doctorate, 2021 - 2022
Kuaterniyonlar Teorisi I, Postgraduate, 2022 - 2023, 2021 - 2022
Analytic Geometry I, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
Kinematics, Undergraduate, 2021 - 2022, 2020 - 2021
Seminer, Doctorate, 2022 - 2023
Elementary Differential Geometry, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
Lineer Cebir, Undergraduate, 2022 - 2023, 2021 - 2022
Fraktal Geometri, Undergraduate, 2022 - 2023
Matematik, Undergraduate, 2021 - 2022
Kinematik, Undergraduate, 2021 - 2022, 2020 - 2021
Hareket Geometrisi II, Doctorate, 2020 - 2021
İleri Diferensiyel Geometri I, Doctorate, 2019 - 2020
Riemann Geometri I, Doctorate, 2020 - 2021
Differential Geometry II, Undergraduate, 2019 - 2020
Analytic Geometry II, Undergraduate, 2019 - 2020
Analytic Geometry I, Undergraduate, 2019 - 2020
Lineer Cebir, Undergraduate, 2019 - 2020
Fractal Geometry, Undergraduate, 2019 - 2020
Differential Geometry I, Undergraduate, 2019 - 2020
MAT207 - ANALİTİK GEOMETRİ I (C) (İ.Ö), Undergraduate, 2015 - 2016, 2014 - 2015
815595 - ÇOK LİNEER CEBİR I, Postgraduate, 2015 - 2016, 2014 - 2015
MAT113 - LİNEER CEBİR II (D), Undergraduate, 2015 - 2016
MAT119 - LİNEER CEBİR (A), Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
MAT113 - LİNEER CEBİR I (C), Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2011 - 2012
MAT493 - FRAKTAL GEOMETRİ I (A), Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014
MAT485 - KİNEMATİK I (B) (İ.Ö), Undergraduate, 2015 - 2016
JEM119 - TASARI GEOMETRİ (A), Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
815544 - İLERİ DİFERENSİYEL GEOMETRİ II, Postgraduate, 2014 - 2015, 2013 - 2014
815543 - İLERİ DİFERENSİYEL GEOMETRİ I, Postgraduate, 2014 - 2015, 2013 - 2014
MAT113 - LİNEER CEBİR I (D), Undergraduate, 2014 - 2015, 2013 - 2014, 2011 - 2012
MAT494 - FRAKTAL GEOMETRİ II (B), Undergraduate, 2014 - 2015, 2013 - 2014
MAT114 - LİNEER CEBİR II (D), Undergraduate, 2014 - 2015
MAT494 - FRAKTAL GEOMETRİ II (A), Undergraduate, 2014 - 2015, 2013 - 2014
MAT493 - FRAKTAL GEOMETRİ I (B) (İ.Ö), Undergraduate, 2014 - 2015, 2013 - 2014
MAT208 - ANALİTİK GEOMETRİ II (C) (İ.Ö), Undergraduate, 2014 - 2015, 2013 - 2014
MAT114 - LİNEER CEBİR II (C), Undergraduate, 2014 - 2015, 2011 - 2012
UYM101 - Üniversite Yaşamına Uyum Programı (C), Undergraduate, 2013 - 2014, 2012 - 2013

UYM101 - Üniversite Yaşamına Uyum Programı (A), Undergraduate, 2013 - 2014, 2012 - 2013
MAT114 - LİNEER CEBİR II (A), Undergraduate, 2013 - 2014, 2012 - 2013
UYM101 - Üniversite Yaşamına Uyum Programı (B), Undergraduate, 2013 - 2014, 2012 - 2013
MAT113 - LİNEER CEBİR I (G) (İ.Ö), Undergraduate, 2013 - 2014
815532 - Kuanterniyonlar Teorisi I, Postgraduate, 2012 - 2013
MAT114 - LİNEER CEBİR II (A) (İ.Ö), Undergraduate, 2012 - 2013
MAT102 - MATEMATİK II (B), Undergraduate, 2012 - 2013
MAT119 - LİNEER CEBİR (B), Undergraduate, 2012 - 2013
MAT114 - LİNEER CEBİR II, Undergraduate, 2012 - 2013, 2011 - 2012
MAT113 - LİNEER CEBİR I, Undergraduate, 2012 - 2013
MAT473 - DÖNÜŞÜMLER VE GEOMETRİLER I (B) (İ.Ö), Undergraduate, 2012 - 2013
MAT474 - DÖNÜŞÜMLER VE GEOMETRİLER II (B) (İ.Ö), Undergraduate, 2012 - 2013
MAT113 - LİNEER CEBİR I (A), Undergraduate, 2012 - 2013
815531 - Kuanterniyonlar Teorisi I, Postgraduate, 2012 - 2013
MAT125 - MATEMATİK (D), Undergraduate, 2011 - 2012
MAT102 - MATEMATİK II (C), Undergraduate, 2011 - 2012
MAT125 - MATEMATİK (F), Undergraduate, 2011 - 2012
MAT120 - LİNEER CEBİR (A), Undergraduate, 2011 - 2012
MAT114 - LİNEER CEBİR II (İ.Ö) , Undergraduate, 2011 - 2012
MAT125 - MATEMATİK (E), Undergraduate, 2011 - 2012
JEM119 - TASARI GEOMETRİ (B), Undergraduate, 2011 - 2012

Advising Theses

Gök İ., Geometrik nesnelerin singülerlikleri ve bazı uygulamaları, Doctorate, O.OĞULCAN(Student), 2022
GÖK İ., Geometry of Riemannian manifolds with density, Doctorate, E.KOCAKUŞAKLI(Student), 2020
GÖK İ., Riemann manifoldları üzerinde eğriler ve manyetik yörüngeler, Doctorate, O.ATEŞ(Student), 2020
GÖK İ., Riemann manifoldları üzerinde eğriler ve manyetik yörüngeler / Curves and magnetic trajectories on Riemannian manifolds, Doctorate, O.Ateş(Student), 2020
GÖK İ., Geometry of accretive shell surfaces, Postgraduate, S.ÖNCÜL(Student), 2019
GÖK İ., Representation methods of quaternions, Postgraduate, B.KOÇAY(Student), 2019
GÖK İ., Circular surfaces and their geometric applications, Doctorate, Z.ÇANAKCI(Student), 2018
GÖK İ., Bertrand curves and geometric applications in four dimensional Euclidean space, Postgraduate, Y.IRMAK(Student), 2018
GÖK İ., Ortak bir isophote eğriye sahip olan yüzey aileleri, Postgraduate, O.OĞULCAN(Student), 2016
GÖK İ., Some special curves according to alternative moving frame, Postgraduate, S.ÖZDOĞAN(Student), 2016
GÖK İ., Uzay eğrilerinin diferensiyel geometrisi ve singüleriteleri üzerine, Postgraduate, E.KOCAKUŞAKLI(Student), 2014
GÖK İ., Üç boyutlu kontak manifoldlarda özel eğriler ve yüzeyler üzerine, Postgraduate, O.ATEŞ(Student), 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Electromagnetic curves and Rytov's law in the optical fiber with Maxwellian evolution via alternative moving frame**
Nurkan S. K., Ceyhan H., Özdemir Z., GÖK İ.
Revista Mexicana de Fisica, vol.69, no.6, 2023 (SCI-Expanded)
- II. **Hyperbolic caustics of light rays reflected by hyperbolic front mirrors**
TUNCER O. O., GÖK İ.
European Physical Journal Plus, vol.138, no.3, 2023 (SCI-Expanded)
- III. **A Geometric Interpretation of Polarized Light and Electromagnetic Curves Along an Optical Fiber**

with Surface Kinematics

Ceyhan H., ÖZDEMİR Z., GÖK İ., Ekmekci F. N.

MEDITERRANEAN JOURNAL OF MATHEMATICS, vol.19, no.6, 2022 (SCI-Expanded)

- IV. **Kinematic equations of Lorentzian magnetic flux tubes based on split quaternion algebra**
ÖZDEMİR Z., TUNCER O. O., GÖK İ.
EUROPEAN PHYSICAL JOURNAL PLUS, vol.136, no.9, 2021 (SCI-Expanded)
- V. **Accretive Darboux growth in Lorentz-Minkowski spacetime**
TUĞ G., ÖZDEMİR Z., GÖK İ.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, vol.44, no.8, pp.6857-6875, 2021 (SCI-Expanded)
- VI. **A New Quaternion Valued Frame of Curves with an Application**
Cansu G., YAYLI Y., GÖK İ.
FILOMAT, vol.35, no.1, pp.315-330, 2021 (SCI-Expanded)
- VII. **HYPER-DUAL HORADAM QUATERNIONS**
Ait-Amrane N. R., GÖK İ., TAN E.
MISKOLC MATHEMATICAL NOTES, vol.22, no.2, pp.903-913, 2021 (SCI-Expanded)
- VIII. **Surface-dependent growth kinematics in euclidean 3-space**
Oncul S., ÖZDEMİR Z., GÖK İ.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, vol.43, no.15, pp.9280-9297, 2020 (SCI-Expanded)
- IX. **Electromagnetic curves and rotation of the polarization plane through alternative moving frame**
Ceyhan H., ÖZDEMİR Z., GÖK İ., Ekmekci F. N.
EUROPEAN PHYSICAL JOURNAL PLUS, vol.135, no.11, 2020 (SCI-Expanded)
- X. **Tubular Surfaces Formed by Semi-spherical Indicatrices in $E-1(3)$**
ATEŞ F., Kocakusakli E., GÖK İ., Ekmekci N.
MEDITERRANEAN JOURNAL OF MATHEMATICS, vol.17, no.4, 2020 (SCI-Expanded)
- XI. **Notes on pedal and contrapedal curves of fronts in the Euclidean plane**
TUNCER O. O., Ceyhan H., GÖK İ., Ekmekci F. N.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, vol.41, no.13, pp.5096-5111, 2018 (SCI-Expanded)
- XII. **Circular Surfaces with Split Quaternionic Representations in Minkowski 3-space**
TUNCER O. O., Canakci Z., GÖK İ., Yayli Y.
ADVANCES IN APPLIED CLIFFORD ALGEBRAS, vol.28, no.3, 2018 (SCI-Expanded)
- XIII. **Some variations of dual Euler-Rodrigues formula with an application to point-line geometry**
Kahveci D., GÖK İ., YAYLI Y.
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.459, no.2, pp.1029-1039, 2018 (SCI-Expanded)
- XIV. **A study of the tubular surfaces constructed by the spherical indicatrices in Euclidean 3-space**
ATEŞ F., Kocakusakli E., GÖK İ., YAYLI Y.
TURKISH JOURNAL OF MATHEMATICS, vol.42, no.4, pp.1711-1725, 2018 (SCI-Expanded)
- XV. **Accretive Darboux growth along a space curve**
TUĞ G., Ozdemir Z., GÖK İ., Ekmekci F. N.
APPLIED MATHEMATICS AND COMPUTATION, vol.316, pp.516-524, 2018 (SCI-Expanded)
- XVI. **EXTENDED RECTIFYING CURVES AS NEW KIND OF MODIFIED DARBOUX VECTORS**
Yayli Y., Gok İ., Hacisalihoglu H. H.
TWMS JOURNAL OF PURE AND APPLIED MATHEMATICS, vol.9, no.1, pp.18-31, 2018 (SCI-Expanded)
- XVII. **A New Aspect of Rectifying Curves and Ruled Surfaces in Galilean 3-Space**
ÇETİN E. D., GÖK İ., YAYLI Y.
FILOMAT, vol.32, no.8, pp.2953-2962, 2018 (SCI-Expanded)
- XVIII. **Some new types of associated curves in Euclidean 3-space**
Ozdogan S., TUNCER O. O., GÖK İ., YAYLI Y.
ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA, vol.26, no.1, pp.205-221, 2018 (SCI-Expanded)
- XIX. **A New Representation of Canal Surfaces with Split Quaternions in Minkowski 3-Space**
Kocakusakli E., Tuncer O. O., GÖK İ., YAYLI Y.

- ADVANCES IN APPLIED CLIFFORD ALGEBRAS, vol.27, no.2, pp.1387-1409, 2017 (SCI-Expanded)
- XX. **Quaternionic Approach of Canal Surfaces Constructed by Some New Ideas**
GÖK İ.
ADVANCES IN APPLIED CLIFFORD ALGEBRAS, vol.27, no.2, pp.1175-1190, 2017 (SCI-Expanded)
- XXI. **BERTRAND CURVES IN THREE DIMENSIONAL LIE GROUPS**
Okuyucu O. Z., GÖK İ., YAYLI Y., Ekmekci N.
MISKOLC MATHEMATICAL NOTES, vol.17, no.2, pp.999-1010, 2017 (SCI-Expanded)
- XXII. **The geometrical and algebraic interpretations of Euler-Rodrigues formula in Minkowski 3-space**
Kahveci D., YAYLI Y., GÖK İ.
INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, vol.13, no.10, 2016 (SCI-Expanded)
- XXIII. **Extended Rectifying Curves in Minkowski 3-Space**
Yilmaz B., GÖK İ., YAYLI Y.
ADVANCES IN APPLIED CLIFFORD ALGEBRAS, vol.26, no.2, pp.861-872, 2016 (SCI-Expanded)
- XXIV. **A new approach on curves of constant precession**
Uzunoglu B., GÖK İ., YAYLI Y.
APPLIED MATHEMATICS AND COMPUTATION, vol.275, pp.317-323, 2016 (SCI-Expanded)
- XXV. **Notes on magnetic curves in 3D semi-Riemannian manifolds**
Ozdemir Z., GÖK İ., YAYLI Y., EKMEKÇİ F. N.
TURKISH JOURNAL OF MATHEMATICS, vol.39, no.3, pp.412-426, 2015 (SCI-Expanded)
- XXVI. **Null W-slant helices in E-1(3)**
Gokcelik F., GÖK İ.
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.420, no.1, pp.222-241, 2014 (SCI-Expanded)
- XXVII. **A new approach for magnetic curves in 3D Riemannian manifolds**
Bozkurt Z., GÖK İ., YAYLI Y., Ekmekci F. N.
JOURNAL OF MATHEMATICAL PHYSICS, vol.55, no.5, 2014 (SCI-Expanded)
- XXVIII. **Characterizations of timelike slant helices in Minkowski 3-space**
GÖK İ., Nurkan S. K., İLARSLAN K., KULA L., Altinok M.
MATHEMATICAL COMMUNICATIONS, vol.19, no.1, pp.119-138, 2014 (SCI-Expanded)
- XXIX. **GENERALIZED NULL BERTRAND CURVES IN MINKOWSKI SPACE-TIME**
Aksoyak F. K., GÖK İ., İLARSLAN K.
ANALELE STIINTIFICE ALE UNIVERSITATII AL I CUZA DIN IASI-SERIE NOUA-MATEMATICA, vol.60, no.2, pp.489-502, 2014 (SCI-Expanded)
- XXX. **A New Approach on Helices in Pseudo-Riemannian Manifolds**
Ziplar E., YAYLI Y., GÖK İ.
ABSTRACT AND APPLIED ANALYSIS, vol.2014, 2014 (SCI-Expanded)
- XXXI. **ON MANNHEIM PARTNER CURVES IN THREE DIMENSIONAL LIE GROUPS**
GÖK İ., Okuyucu O. Z., Ekmekci N., YAYLI Y.
MISKOLC MATHEMATICAL NOTES, vol.15, no.2, pp.467-479, 2014 (SCI-Expanded)
- XXXII. **On pseudo null Bertrand curves in Minkowski space-time**
GÖK İ., Nurkan S. K., İlarşlan K.
Kyungpook Mathematical Journal, vol.54, no.4, pp.685-697, 2014 (SCI-Expanded)
- XXXIII. **Slant helices in three dimensional Lie groups**
Okuyucu O. Z., GÖK İ., Yayli Y., Ekmekci N.
APPLIED MATHEMATICS AND COMPUTATION, vol.221, pp.672-683, 2013 (SCI-Expanded)
- XXXIV. **Characterizations of rectifying, normal and osculating curves in three dimensional compact Lie groups**
Bozkurt Z., GÖK İ., Okuyucu O. Z., EKMEKÇİ F. N.
Life Science Journal, vol.10, no.3, pp.819-823, 2013 (SCI-Expanded)
- XXXV. **A new approach on helices in Euclidean n-space**
Senol A., Ziplar E., YAYLI Y., GÖK İ.
MATHEMATICAL COMMUNICATIONS, vol.18, no.1, pp.241-256, 2013 (SCI-Expanded)

- XXXVI. **On the quaternionic B 2 slant helices in the semi-Euclidean space E 2 4**
Kahraman F., GÖK İ., Hacısalıhoğlu H. H.
Applied Mathematics and Computation, vol.218, no.11, pp.6391-6400, 2012 (SCI-Expanded)
- XXXVII. **On the Quaternionic B 2-Slant Helices in the Euclidean Space E 4**
GÖK İ., Okuyucu O. Z., Kahraman F., Hacısalıhoğlu H. H.
Advances in Applied Clifford Algebras, vol.21, no.4, pp.707-719, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **Polynomial Parametric Equations of Rectifying Salkowski Curves**
YILMAZ B., GÖK İ., YAYLI Y.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.34, no.1, pp.211-219, 2021 (ESCI)
- II. **The construction of circular surfaces with quaternions**
Canakci Z., TUNCER O. O., GÖK İ., YAYLI Y.
ASIAN-EUROPEAN JOURNAL OF MATHEMATICS, vol.12, no.7, 2019 (ESCI)
- III. **Timelike clad helices and developable surfaces in Minkowski 3-space**
Kaya S., Ates O., GÖK İ., YAYLI Y.
Rendiconti del Circolo Matematico di Palermo, vol.68, no.2, pp.259-273, 2019 (Scopus)
- IV. **HARMONIC CURVATURE FUNCTIONS OF SOME SPECIAL CURVES IN GALILEAN 3-SPACE**
YILMAZ B., Metin S., GÖK İ., YAYLI Y.
HONAM MATHEMATICAL JOURNAL, vol.41, no.2, pp.301-319, 2019 (ESCI)
- V. **KILLING MAGNETIC FLUX SURFACES IN EUCLIDEAN 3-SPACE**
ÖZDEMİR Z., GÖK İ., YAYLI Y., Ekmekci F. N.
HONAM MATHEMATICAL JOURNAL, vol.41, no.2, pp.329-342, 2019 (ESCI)
- VI. **A Geometric view of Magnetic Surfaces and Magnetic Curves**
Ozdemi Z., GÖK İ., Ekmekci F. N.
INTERNATIONAL ELECTRONIC JOURNAL OF GEOMETRY, vol.12, no.1, pp.126-134, 2019 (ESCI)
- VII. **A Generalization of Dual Bi-Periodic Fibonacci Quaternions**
TAN E., Gök İ.
JOURNAL OF MATHEMATICAL EXTENSION, vol.13, no.1, pp.67-81, 2019 (ESCI)
- VIII. **Characterizations of Inclined Curves According to ParallelTransport Frame in E4 and Bishop Frame in E3**
ATEŞ F., GÖK İ., EKMEKÇİ F. N., YAYLI Y.
Konuralp Journal of Mathematics, vol.7, no.1, pp.16-24, 2019 (Peer-Reviewed Journal)
- IX. **ALGEBRAIC PROPERTIES OF BI-PERIODIC DUAL FIBONACCI QUATERNIONS**
Ates F., Gök İ., Ekmekci N.
KRAGUJEVAC JOURNAL OF MATHEMATICS, vol.43, no.1, pp.99-107, 2019 (ESCI)
- X. **A New Kind of Slant Helix in Lorentzian (n**
Ates F., GÖK İ., EKMEKÇİ F. N.
KYUNGPOOK MATHEMATICAL JOURNAL, vol.56, no.3, pp.1003-1016, 2016 (ESCI)
- XI. **Darboux Frame of a Curve Lying on a LightlikeSurface**
YAKICI TOPBAŞ E. S., GÖK İ., EKMEKÇİ F. N., YAYLI Y.
MATHEMATICAL SCIENCES AND APPLICATIONS E-NOTES, vol.4, no.2, pp.121-130, 2016 (Peer-Reviewed Journal)
- XII. **A New Kind of Slant Helix in Lorentzian n 2 Spaces**
ATEŞ F., GÖK İ., EKMEKÇİ F. N.
Kyungpook Mathematical Journal, 2016 (Scopus)
- XIII. **A New Construction of the Sierpinski Triangles with Galilean Transformations**
Büyükyılmaz E. A., YAYLI Y., GÖK İ.
MATHEMATICAL SCIENCES AND APPLICATIONS E-NOTES, 2016 (Peer-Reviewed Journal)
- XIV. **Darboux Frame of a Curve Lying on a Lightlike Surfaces**

- YAKICI TOPBAŞ E. S., GÖK İ., EKMEKÇİ F. N., YAYLI Y.
Mathematical Sciences and Applications E-Notes, 2016 (Peer-Reviewed Journal)
- XV. **WHAT IS THE LOCUS OF THE CENTERS OF MEUSNIER SPHERES IN THE MINKOWSKI 3-SPACE?**
Yilmaz B., Ozdemir Z., GÖK İ., YAYLI Y.
FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS, vol.31, no.3, pp.717-740, 2016 (ESCI)
- XVI. **Cows in the Maze**
GÖK İ.
TUBİTAK Popüler Bilim Kitapları, 2015 (Peer-Reviewed Journal)
- XVII. **A New Approach on Type 3 Slant Helix in E4**
ÖZDEMİR Z., GÖK İ., EKMEKÇİ F. N., YAYLI Y.
Gen. Math. Notes, 2015 (Peer-Reviewed Journal)
- XVIII. **A New Approach to Type 3 Slant Helix in E**
ÖZDEMİR Z., GÖK İ., EKMEKÇİ F. N., YAYLI Y., GÜVEN K.
General Mathematics Notes, 2015 (Peer-Reviewed Journal)
- XIX. **Cartoon Guide to Algebra**
GÖK İ.
TUBİTAK popüler bilim kitapları, 2015 (Peer-Reviewed Journal)
- XX. **Big Ideas for Small Mathematicians**
GÖK İ.
Tubitak Popüler Bilim Kitapları, 2015 (Peer-Reviewed Journal)
- XXI. **Cartoon Guide to Calculus**
GÖK İ.
Tubitak Popüler Bilim Kitapları, 2015 (Peer-Reviewed Journal)
- XXII. **Locus of the centers of Meusnier spheres in Euclidean 3 space**
UZUNOĞLU B., YAYLI Y., GÖK İ.
Universal Journal of Mathematics and Mathematical Sciences, vol.7, no.1, 2015 (Peer-Reviewed Journal)
- XXIII. **From Here to Infinity**
GÖK İ.
Tubitak Popüler Bilim Kitapları, 2015 (Peer-Reviewed Journal)
- XXIV. **Big Ideas for Growing Mathematicians**
GÖK İ.
Tubitak Popüler Bilim Kitapları, 2015 (Peer-Reviewed Journal)
- XXV. **Parallel transport frame in 4 dimensional Euclidean space E 4**
Fatma G., Bozkurt Z., GÖK İ., EKMEKÇİ F. N., YAYLI Y.
Caspian J. of Math. Sci., 2014 (Peer-Reviewed Journal)
- XXVI. **A conformal approach to Bour s theorem**
Bozkurt Z., GÖK İ., EKMEKÇİ F. N., YAYLI Y.
Mathematica Aeterna, vol.2, pp.7-8, 2012 (Peer-Reviewed Journal)
- XXVII. **On the Bour s theorem with respect to conformal map in Minkowski space E31**
BOZKURT Z., GÖK İ., EKMEKÇİ F. N., YAYLI Y.
J. Dyn. Syst. Geom. Theor., vol.10, no.2, 2012 (Peer-Reviewed Journal)
- XXVIII. **On surface theory in 3 dimensional almost contact metric manifold**
GÖK İ., CAMCI Ç., Hasan Hilmi H.
Commun. Fac. Sci. Univ. Ank. Series A1 Volume 60, 2011 (Peer-Reviewed Journal)
- XXIX. **LC Slant helix on hypersurface in Minkowski space E**
ÖZKALDI KARAKUŞ S., GÖK İ., YAYLI Y., Hasan Hilmi h.
TWMS J. Pure Appl. Math., pp.137-145, 2010 (Peer-Reviewed Journal)
- XXX. **LC SLANT HELIX ON HYPERSURFACES IN MINKOWSKI SPACE E_n 1**
ÖZKALDI KARAKUŞ S., GÖK İ., YAYLI Y., HACISALİHOĞLU H.
J. pure Appl. Math, vol.1, no.2, pp.137, 2010 (Peer-Reviewed Journal)
- XXXI. **V n Slant helices in Minkowski n space E**

Refereed Congress / Symposium Publications in Proceedings

- I. **q-dual generalized complex Fibonacci numbers**
TUNA N., TAN E., GÖK İ.
The Sixth Workshop New Trends in Quaternions and Octonions (NTQO), Portugal, 25 - 26 November 2022
- II. **Surfaces with Density in Minkowski 3-space**
KOCAKUŞAKLI E., GÖK İ.
1.INTERNATIONAL CONGRESS ON MATHEMATICS AND GEOMETRY, 09 December 2020
- III. **Caustics of Pseudo Spherical Curves**
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