

## Prof. MURAT BABAARSLAN

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-2770-4126

Publons / Web Of Science ResearcherID: ABF-0688-2022

ScopusID: 39860890000

Yoksis Researcher ID: 110245

### Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2009 - 2013

Postgraduate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 2006 - 2009

Undergraduate, Suleyman Demirel University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 2002 - 2006

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Education Management and Planning, Fedek Değerlendirici Eğitimi, Fedek Öğretim Programları Değerlendirme ve Akreditasyon Derneği, 2023

Occupational Health and Safety, İş Sağlığı ve Güvenliği Eğitimi, Yozgat Bozok Üniversitesi, 2022

Education Management and Planning, Bologna Süreci Eğitimi, Yozgat Bozok Üniversitesi, 2021

Cyber Security, Siber Güvenlik Farkındalık Eğitimi, Yozgat Bozok Üniversitesi, 2021

### Dissertations

Doctorate, Sabit Eğimli Yüzeyler ve Uygulamaları, Ankara University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2013

Postgraduate, Null Bertrand Eğriler Üzerine, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2009

### Research Areas

Mathematics, Differential Geometry, Geometry

### Academic Titles / Tasks

Professor, Yozgat Bozok University, Faculty of Arts and Sciences, Matematik, 2022 - Continues  
Associate Professor, Yozgat Bozok University, Faculty of Arts and Sciences, Matematik, 2017 - 2022  
Assistant Professor, Yozgat Bozok University, Faculty of Arts and Sciences, Matematik, 2013 - 2017  
Research Assistant, Yozgat Bozok University, Faculty of Arts and Sciences, Matematik, 2007 - 2013

## Academic and Administrative Experience

Enstitü Yönetim Kurulu Üyesi, Yozgat Bozok University, Institute of Postgraduate Education, 2024 - Continues  
Fakülte Kurulu Üyesi, Yozgat Bozok University, Faculty of Economics and Administrative Sciences, 2022 - Continues  
Fakülte Yönetim Kurulu Üyesi, Yozgat Bozok University, Faculty of Economics and Administrative Sciences, 2022 - Continues  
Head of Department, Yozgat Bozok University, Institute of Postgraduate Education, Matematik, 2015 - Continues  
Head of Department, Yozgat Bozok University, Faculty of Arts and Sciences, Matematik, 2019 - 2024  
Faculty Board Member, Yozgat Bozok University, Faculty of Arts and Sciences, Matematik, 2019 - 2024  
Vice Dean, Yozgat Bozok University, Faculty of Arts and Sciences, 2020 - 2021  
Fakülte Yönetim Kurulu Üyesi, Yozgat Bozok University, Faculty of Arts and Sciences, Matematik, 2018 - 2021  
Fakülte Kurulu Üyesi, Yozgat Bozok University, Faculty of Arts and Sciences, Matematik, 2017 - 2019  
Head of Department, Yozgat Bozok University, Faculty of Arts and Sciences, Matematik, 2017 - 2019  
Deputy Head of Department, Yozgat Bozok University, Faculty of Arts and Sciences, Matematik, 2014 - 2016

## Courses

### Postgraduate

Bilimsel Araştırma İlkeleri, Postgraduate, 2020 - 2021, 2019 - 2020  
Eğri ve Yüzeylerin Diferansiyel Geometrisi I, Postgraduate, 2020 - 2021, 2019 - 2020, 2015 - 2016  
Yarı-Riemann Geometriye Giriş I, Postgraduate, 2020 - 2021, 2019 - 2020  
Eğri ve Yüzeylerin Diferansiyel Geometrisi II, Postgraduate, 2019 - 2020  
Yarı-Riemann Geometriye Giriş II, Postgraduate, 2019 - 2020  
Tez Çalışması, Postgraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014  
Uzmanlık Alan Dersi, Postgraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014  
Yarı Riemann Geometri I, Postgraduate, 2015 - 2016  
Elemanter Diferansiyel Geometri I, Postgraduate, 2014 - 2015, 2013 - 2014  
Elemanter Diferansiyel Geometri II, Postgraduate, 2014 - 2015, 2013 - 2014

### Undergraduate

Diferansiyel Geometri I, Undergraduate, 2020 - 2021, 2019 - 2020, 2015 - 2016, 2014 - 2015  
Analitik Geometri I, Undergraduate, 2020 - 2021  
Matematik I, Undergraduate, 2020 - 2021, 2019 - 2020, 2015 - 2016, 2014 - 2015, 2013 - 2014  
Matematik II, Undergraduate, 2019 - 2020, 2014 - 2015, 2013 - 2014  
Diferansiyel Geometri II, Undergraduate, 2019 - 2020, 2014 - 2015, 2013 - 2014  
Analitik Geometri II, Undergraduate, 2019 - 2020  
Diferansiyel Geometri I (2. Öğretim), Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014  
Yüksek Matematik I, Undergraduate, 2015 - 2016, 2014 - 2015  
Yüksek Matematik I (2. Öğretim), Undergraduate, 2015 - 2016  
Matematik I (2. Öğretim), Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014  
Bitirme Tezi I (2.Öğretim), Undergraduate, 2014 - 2015, 2013 - 2014  
Hareket Geometrisi I, Undergraduate, 2014 - 2015, 2013 - 2014  
Bitirme Tezi I, Undergraduate, 2014 - 2015, 2013 - 2014  
Matematik II (2.Öğretim), Undergraduate, 2014 - 2015, 2013 - 2014  
Diferansiyel Geometri II (2.Öğretim), Undergraduate, 2014 - 2015, 2013 - 2014

Yüksek Matematik II, Undergraduate, 2014 - 2015  
Hareket Geometrisi II, Undergraduate, 2014 - 2015, 2013 - 2014  
Bitirme Tezi II (2.Öğretim), Undergraduate, 2014 - 2015, 2013 - 2014  
Bitirme Tezi II, Undergraduate, 2014 - 2015, 2013 - 2014  
Temel Matematik II, Undergraduate, 2013 - 2014  
Temel Matematik I, Undergraduate, 2013 - 2014  
Diferansiyel Geometri I, Undergraduate, 2013 - 2014  
Diferansiyel Denklemler II, Undergraduate, 2013 - 2014

## Supervised Theses

Babaarslan M., Pseudo-İzotropik Uzayda Dönel Yüzeyler Üzerindeki Loksodromlar ve Geodezikler, Postgraduate, A.SUNGUR(Student), 2024  
Babaarslan M., Bektaş Demirci B., MINKOWSKI UZAY-ZAMANDA BOUR TEOREMİ VE GAUSS TASVİRİ, Postgraduate, Y.KÜÇÜKARIKAN(Student), 2023  
Babaarslan M., Bektaş Demirci B., Minkowski n-Uzayındaki Zamansal Helikoidal Yüzeyler Üzerindeki Zamansal Loksodromların Karakterizasyonları, Postgraduate, Z.ÖGE(Student), 2021  
Babaarslan M., Bektaş Demirci B., MINKOWSKI 4-UZAYINDAKİ HELİKOİDAL YÜZEYLER ÜZERİNDEKİ UZAYSAL LOKSODROMLARIN KARAKTERİZASYONLARI, Postgraduate, R.GENÇ(Student), 2021  
Babaarslan M., MINKOWSKI 4-UZAYINDA SPACE-LIKE DÖNEL YÜZEYLER ÜZERİNDEKİ SPACE-LIKE LOKSODROMLAR, Postgraduate, M.SELVİ(Student), 2020  
BABAARSLAN M., MINKOWSKI 4-UZAYINDA TIME-LIKE DÖNEL YÜZEYLER ÜZERİNDEKİ SPACE-LIKE VE TIME-LIKE LOKSODROMLAR, Postgraduate, M.GÜMÜŞ(Student), 2020  
BABAARSLAN M., 4-boyutlu öklid uzayında helikoidal yüzeyler ve değişken yarıçaplı tüpler üzerindeki loksodromlar, Postgraduate, H.SEVDA(Student), 2020  
BABAARSLAN M., Minkowski 3-uzayında helikoidal yüzeyler üzerindeki loksodromlar, Postgraduate, M.KAYACIK(Student), 2015

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

- I. **Bour's Theorem of Spacelike Surfaces in Minkowski 4--Space**  
Babaarslan M., Bektaş Demirci B., Küçükarıkan Y.  
RESULTS IN MATHEMATICS, vol.78, no.1, pp.1-31, 2023 (SCI-Expanded)
- II. **Loxodromes on non-degenerate helicoidal surfaces in Minkowski space-time**  
Babaarslan M., Sönmez N.  
Indian Journal Of Pure & Applied Mathematics, vol.52, no.4, pp.1212-1228, 2021 (SCI-Expanded)
- III. **Space-like Loxodromes on the Canal Surfaces in Minkowski 3-Space**  
SÖNMEZ N., BABAARSLAN M.  
FILOMAT, vol.32, no.14, pp.4821-4839, 2018 (SCI-Expanded)
- IV. **Time-like Loxodromes on Helicoidal Surfaces in Minkowski 3-Space**  
BABAARSLAN M., Kayacik M.  
FILOMAT, vol.31, no.14, pp.4405-4414, 2017 (SCI-Expanded)
- V. **Differential Equation of the Loxodrome on a Helicoidal Surface**  
BABAARSLAN M., YAYLI Y.  
JOURNAL OF NAVIGATION, vol.68, no.5, pp.962-970, 2015 (SCI-Expanded)
- VI. **Time-Like Constant Slope Surfaces and Space-Like Bertrand Curves in Minkowski 3-Space**  
BABAARSLAN M., YAYLI Y.  
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES INDIA SECTION A-PHYSICAL SCIENCES, vol.84, no.4, pp.535-540, 2014 (SCI-Expanded)

- VII. **Space-like loxodromes on rotational surfaces in Minkowski 3-space**  
 BABAARSLAN M., YAYLI Y.  
 JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.409, no.1, pp.288-298, 2014 (SCI-Expanded)
- VIII. **The Characterizations of Constant Slope Surfaces and Bertrand Curves**  
 Babaarslan M., Yayli Y.  
 International Journal Of Physical Sciences, vol.6, no.8, pp.1868-1875, 2011 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Characterizations of Loxodromes on Rotational Surfaces in Euclidean 3--Space**  
 Aksoyak F. K., Bektaş Demirci B., Babaarslan M.  
 INTERNATIONAL ELECTRONIC JOURNAL OF GEOMETRY, vol.16, no.1, pp.147-159, 2023 (ESCI)
- II. **Loxodromes On Semi-Riemannian Hypersurfaces Of Revolution In Minkowski Space-Time**  
 Babaarslan M.  
 APPLIED MATHEMATICS E - NOTES, vol.22, pp.602-609, 2022 (ESCI)
- III. **Timelike Loxodromes on Lorentzian Helicoidal Surfaces in Minkowski n--Space**  
 Demirci B. B., Babaarslan M., Öge Z.  
 COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.71, no.3, pp.856-869, 2022 (ESCI)
- IV. **Spacelike Loxodromes on Helicoidal Surfaces in Lorentzian n--Space**  
 Babaarslan M., Bektaş Demirci B., Genç R.  
 Differential Geometry-Dynamical Systems, vol.24, pp.18-33, 2022 (Peer-Reviewed Journal)
- V. **On parametrizations of loxodromes on time-like rotational surfaces in Minkowski space-time**  
 BABAARSLAN M., GÜMÜŞ M.  
 Asian-European Journal of Mathematics, vol.14, 2021 (ESCI)
- VI. **Differential Equations of the Space-Like Loxodromes on the Helicoidal Surfaces in Minkowski 3-Space**  
 BABAARSLAN M., Kayacik M.  
 DIFFERENTIAL EQUATIONS AND DYNAMICAL SYSTEMS, vol.28, no.2, pp.495-512, 2020 (ESCI)
- VII. **A Note On Loxodromes On Helicoidal Surfaces In Euclidean n-Space**  
 BABAARSLAN M.  
 APPLIED MATHEMATICS E-NOTES, vol.20, pp.458-461, 2020 (ESCI)
- VIII. **SPLIT QUATERNIONS AND TIME-LIKE CONSTANT SLOPE SURFACES IN MINKOWSKI 3-SPACE**  
 BABAARSLAN M., YAYLI Y.  
 INTERNATIONAL JOURNAL OF GEOMETRY, vol.8, no.1, pp.57-71, 2019 (Peer-Reviewed Journal)
- IX. **LOXODROMES ON HELICOIDAL SURFACES AND TUBES WITH VARIABLE RADIUS IN E-4**  
 BABAARSLAN M.  
 COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.68, no.2, pp.1950-1958, 2019 (ESCI)
- X. **On space-like constant slope surfaces and Bertrand curves in Minkowski 3-Space**  
 BABAARSLAN M., YAYLI Y.  
 Analele Stiintifice Ale Universitatii Al I Cuza Din Iasi-Serie Noua-Matematica, vol.63, no.2, pp.323-338, 2017 (Scopus)
- XI. **Loxodromes on Canal Surfaces in Euclidean 3-space**  
 BABAARSLAN M.  
 Annual of Sofia University "St. Kliment Ohridski" Faculty of Mathematics and Informatics, vol.103, pp.97-103, 2016 (Peer-Reviewed Journal)
- XII. **Time-like Loxodromes on Rotational Surfaces in Minkowski 3-space**  
 BABAARSLAN M., MUNTEANU M. I.  
 Analele Stiintifice Ale Universitatii Al I Cuza Din Iasi-Serie Noua-Matematica, vol.61, no.2, pp.471-484, 2015

(Scopus)

- XIII. **12th International Conference on Geometry and Applications Abstracts**  
BABAARSLAN M.  
JOURNAL OF GEOMETRY, vol.106, no.3, pp.617-647, 2015 (ESCI)
- XIV. **Split Quaternions and Spacelike Constant Slope Surfaces in Minkowski 3 Space**  
BABAARSLAN M., YAYLI Y.  
International Journal of Geometry, vol.2, no.1, pp.23-33, 2013 (Peer-Reviewed Journal)
- XV. **On Helices and Bertrand Curves in Euclidean 3 space**  
BABAARSLAN M., YAYLI Y.  
Mathematical Applications, vol.18, no.1, pp.1-11, 2013 (Scopus)
- XVI. **On Bertrand Curves and Constant Slope Surfaces According to Darboux Frame**  
BABAARSLAN M., TANDOĞAN Y. A., YAYLI Y.  
JOURNAL OF GEOMETRY, vol.103, no.2, pp.347-366, 2012 (Scopus)
- XVII. **A Note on Bertrand Curves and Constant Slope Surfaces According to Darboux Frame**  
BABAARSLAN M., TANDOĞAN Y. A., YAYLI Y.  
Journal of Advanced Mathematical Studies, vol.5, no.1, pp.87-96, 2012 (Peer-Reviewed Journal)
- XVIII. **A New Approach to Constant Slope Surfaces with Quaternions**  
BABAARSLAN M., YAYLI Y.  
ISRN Geometry, vol.2012, pp.1-8, 2012 (Peer-Reviewed Journal)

## Papers Published in Refereed Scientific Meetings

- I. **Loxodromes and Geodesics on Rotational Surfaces in Pseudo-Isotropic Space**  
Babaarslan M., Sungur A.  
5. International Cappadocia Scientific Research Congress, Nevşehir, Turkey, 5 - 07 November 2023, pp.1215-1223
- II. **Isometries Between Timelike Helicoidal Surfaces and Rotational Surfaces in  $E^4_1$**   
Küçükarıkan Y., Babaarslan M., Bektaş Demirci B.  
19th International Geometry Symposium, Edirne, Turkey, 27 - 30 June 2022, pp.134
- III. **The Curvatures of Loxodromes on Rotational Surfaces**  
Aksoyak F. K., Bektaş Demirci B., Babaarslan M.  
19th International Geometry Symposium, Edirne, Turkey, 27 - 30 June 2022, pp.66
- IV. **Bour's Theorem in Minkowski 4-space**  
Küçükarıkan Y., Bektaş Demirci B., Babaarslan M.  
Workshop on Semi-Riemann Geometry, Yozgat, Turkey, 27 May 2022
- V. **On Bour's Theorem of Surfaces**  
Küçükarıkan Y., Bektaş Demirci B., Babaarslan M.  
Turkish Journal of Mathematics-Studies on Scientific Developments in Geometry, Algebra and Applied Mathematics, Ankara, Turkey, 1 - 03 February 2022
- VI. **Loxodromes on Space-like Rotations Surfaces in  $E^4_1$**   
BABAARSLAN M., SELVİ M.  
17th International Geometry Semposium, 19 - 22 June 2019
- VII. **Loxodromes on Time-like Rotations Surfaces in  $E^4_1$**   
BABAARSLAN M., GÜMÜŞ M.  
17th International Geometry Semposium, 19 - 22 June 2019
- VIII. **Space-Like Loxodromes on Helicoidal Surfaces in  $E^4$**   
BABAARSLAN M., SÖNMEZ N.  
17 th International Geometry Symposium, Erzincan, Turkey, 19 - 22 June 2019
- IX. **Space-like Loxodromes on Helicoidal Surfaces**  
BABAARSLAN M., KAYACIK M.  
2nd International Scientific and Vocational Studies Congress, 5 - 08 July 2018

- X. **Loxodromes on Helicoidal Surfaces**  
BABAARSLAN M., YAYLI Y.  
2nd International Scientific and Vocational Studies Congress, 5 - 08 July 2018
- XI. **Differential Equations of Space-Like Loxodromes on Canal Surfaces in Minkowski 3-Space**  
SÖNMEZ N., BABAARSLAN M.  
16 th International Geometry Symposium, Manisa, Turkey, 4 - 07 July 2018
- XII. **Loxodromes on Helicoidal and Canal Surfaces in Euclidean 4-Space**  
BABAARSLAN M.  
16th International Geometry Semposium, 4 - 07 July 2018
- XIII. **Split Kuaterniyonlar ve Time-Like Sabit Eğimli Yüzeyler**  
BABAARSLAN M., YAYLI Y.  
12. Ankara Matematik Günleri, Turkey, 25 - 26 May 2017
- XIV. **Loxodromes on Canal Surfaces**  
BABAARSLAN M.  
12th International Conference on Geometry and Applications, Varna, Bulgaria, 1 - 05 September 2015
- XV. **3 Boyutlu Minkowski Uzayındaki Helikoidal Yüzeyler Üzerindeki Time like Loksodromlar**  
BABAARSLAN M., MUSTAFA K.  
13. Geometri Sempozyumu, İstanbul, Turkey, 27 - 30 July 2015
- XVI. **A Study on Space like Bertrand Curves and Time like Constant Slope Surfaces in 3 Dimensional Minkowski Space**  
BABAARSLAN M., YAYLI Y.  
XVIII. Geometrical Seminar, Vrnjacka Banja, Serbia, 25 - 28 May 2014
- XVII. **Spacelike Constant Slope Surfaces and Bertrand Curves in E31**  
BABAARSLAN M., YAYLI Y.  
10. Geometri Sempozyumu, Balıkesir, Turkey, 13 June - 16 August 2012
- XVIII. **Split Quaternions and Constant Slope Surfaces in E31**  
BABAARSLAN M., YAYLI Y.  
Fifth Saudi Science Conference, Mekke, Saudi Arabia, 16 - 18 April 2012
- XIX. **On Bertrand Curves and Constant Slope Surfaces According to Darboux Frame**  
BABAARSLAN M., TANDOĞAN Y. A., YAYLI Y.  
10th International Conference on Geometry and Applications, Varna, Bulgaria, 3 - 09 September 2011
- XX. **A New Approach to Constant Slope Surfaces with Quaternions**  
BABAARSLAN M., YAYLI Y.  
International Conference on Applied Analysis and Algebra, İstanbul, Turkey, 29 June - 02 July 2011
- XXI. **Constant Slope Surfaces and Bertrand Curves in Euclidean 3 Space**  
BABAARSLAN M., YAYLI Y.  
XVI. Geometrical Seminar, Vrnjacka Banja, Serbia, 20 - 25 September 2010
- XXII. **Spherical Images Helices and Bertrand Curves**  
BABAARSLAN M., YAYLI Y.  
23. Ulusal Matematik Sempozyumu, Kayseri, Turkey, 4 - 07 August 2010
- XXIII. **Helices and Bertrand Curves**  
BABAARSLAN M., YAYLI Y.  
8. Geometri Sempozyumu, Antalya, Turkey, 29 April - 02 May 2010

## Other Publications

- I.  **$K^\alpha$ -translators of offset surfaces (Under Review)**  
Bektaş Demirci B., Aksoyak F. K., Babaarslan M.  
Other, pp.1-13, 2024
- II. **Isometric Timelike Surfaces in 4--Dimensional Minkowski Space (Under Review)**

Bektaş Demirci B., Babaarslan M., Küçükarıkan Y.  
Other, pp.1-32, 2022

## Supported Projects

Babaarslan M., Bektaş Demirci B., TÜBİTAK Project, 4-Boyutlu Minkowski Uzayında Bour Teoremi Ve Gauss Tasviri (1002-Hızlı Destek Programı), 2021 - 2022

Babaarslan M., Selvi M., Project Supported by Higher Education Institutions, Minkowski 4-Uzayında Space-Like Dönel Yüzeyler Üzerindeki Space-Like Loksodromlar (BAP), 2019 - 2021

Babaarslan M., Gümüş M., Project Supported by Higher Education Institutions, Minkowski 4-Uzayında Time-like Dönel Yüzeyler Üzerindeki Loksodromlar (BAP), 2019 - 2021

Babaarslan M., Kayacık M., Project Supported by Higher Education Institutions, Minkowski 3 Uzayında Helikoidal Yüzeyler Üzerindeki Loksodromlar (BAP), 2015 - 2015

## Activities in Scientific Journals

Bozok Journal of Science, First Editor, 2022 - 2024

## Peer Reviews in Scientific Publications

16. Ankara Matematik Günleri, Conference Paper (Abstract), March 2025

Calculation, Other Indexed Journal, December 2024

CUMHURİYET SCIENCE JOURNAL, National Scientific Refreed Journal, November 2024

Journal of Applied and Pure Mathematics, Other Indexed Journal, November 2024

International Journal of Applied and Computational Mathematics, Other Indexed Journal, August 2024

OPTICAL AND QUANTUM ELECTRONICS, Journal Indexed in SCI-E, January 2024

PLOS ONE, SCI Journal, December 2023

Turkish Journal of Mathematics and Computer Science, National Scientific Refreed Journal, October 2023

Fundamental journal of mathematics and applications (Online), Other Indexed Journal, September 2023

KOREAN JOURNAL OF MATHEMATICS, Journal Indexed in ESCI, July 2023

Applied Mathematics-A Journal Of Chinese Universities, Journal Indexed in SCI-E, July 2023

SYMMETRY, Journal Indexed in SCI-E, July 2023

SYMMETRY, Journal Indexed in SCI-E, June 2023

INTERNATIONAL ELECTRONIC JOURNAL OF GEOMETRY, Journal Indexed in ESCI, April 2023

MEDITERRANEAN JOURNAL OF MATHEMATICS, SCI Journal, February 2023

Journal of New Theory, Other Indexed Journal, December 2022

NOVI SAD JOURNAL OF MATHEMATICS, Other Indexed Journal, December 2022

ADVANCES AND APPLICATIONS IN MATHEMATICAL SCIENCES, Journal Indexed in ESCI, September 2022

ASIAN-EUROPEAN JOURNAL OF MATHEMATICS, Journal Indexed in ESCI, June 2022

Asian-European Journal of Mathematics , Journal Indexed in ESCI, January 2022

TURKISH JOURNAL OF MATHEMATICS AND COMPUTER SCIENCE, National Scientific Refreed Journal, January 2021

TURKISH JOURNAL OF MATHEMATICS, Journal Indexed in SCI-E, January 2021

Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, National Scientific Refreed Journal, January 2020

Tbilisi Mathematical Journal, Journal Indexed in ESCI, January 2019

Journal of Nonlinear Sciences and Applications (JNSA) , Other Indexed Journal, January 2019

JOURNAL OF MATHEMATICAL SCIENCES AND MODELLING (ONLINE), National Scientific Refreed Journal, January 2018

UKRAINIAN MATHEMATICAL JOURNAL, Journal Indexed in SCI-E, January 2018

Applications and Applied Mathematics An International Journal (AAM), Journal Indexed in ESCI, January 2018

GÜMÜŞHANE ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, January 2017  
Communications Faculty of Sciences University of Ankara Series A1: Mathematics and Statistics , Other Indexed Journal, January 2016  
AFYON KOCATEPE ÜNİVERSİTESİ FEN VE MÜHENDİSLİK BİLİMLERİ DERGİSİ, National Scientific Refreed Journal, January 2016  
ADVANCES IN APPLIED CLIFFORD ALGEBRAS, Journal Indexed in SCI-E, January 2016  
SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, January 2015  
New Trends in Mathematical Sciences, Other Indexed Journal, January 2015  
Mathematical Reviews, Other Indexed Journal, April 2014  
Cumhuriyet Science Journal , Other Indexed Journal, January 2014  
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES INDIA SECTION A-PHYSICAL SCIENCES, Journal Indexed in SCI-E, January 2014  
INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, Journal Indexed in SCI-E, January 2013  
International Journal of Mathematics and Mathematical Sciences , Other Indexed Journal, January 2013  
Journal of Nonlinear Analysis and Optimization: Theory & Applications, Other Indexed Journal, January 2012  
Walailak Journal of Science and Technology, Other Indexed Journal, January 2012  
International Journal of the Physical Sciences, Other journals, January 2012  
Hadronic Journal, Other Indexed Journal, January 2011

### **Scientific Project Refereeing**

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, February 2024  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, January 2024  
TUBITAK Project, 1002 - Quick Support Program, December 2023  
TÜBİTAK International Bilateral Joint Cooperation Program Project, Ministry of Innovative Development of the Republic of Uzbekistan, MID Uzbekistan Bilateral Joint Cooperation Program, June 2023  
TUBITAK Project, 1002 - Quick Support Program, April 2023  
TUBITAK Project, 1002 - Quick Support Program, October 2022  
TUBITAK Project, 1002 - Quick Support Program, September 2022  
TUBITAK Project, 1002 - Quick Support Program, July 2022  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, November 2021

### **Tasks In Event Organizations**

Babaarslan M., Bektaş Demirci B., Workshop on Semi-Riemann Geometry, Workshop Organization, Yozgat, Turkey, Mayıs 2022  
Babaarslan M., Çelebi G., Meral M., Matematik Bölümü Genel Seminerleri, Student Club and Community Activity, Yozgat, Turkey, Ekim 2018

### **Metrics**

Publication: 51  
Citation (WoS): 47  
Citation (Scopus): 67  
H-Index (WoS): 5  
H-Index (Scopus): 6



## **Awards**

Babaarslan M., Tübitak Yayın Teşvik Ödülü, Tübitak, October 2023

Babaarslan M., Tübitak Yayın Teşvik Ödülü, Tübitak, January 2019

Babaarslan M., Tübitak Yayın Teşvik Ödülü, Tübitak, January 2018

Babaarslan M., Tübitak Yayın Teşvik Ödülü, Tübitak, January 2015

Babaarslan M., Tübitak Yayın Teşvik Ödülü, Tübitak, January 2014