

**Assoc. Prof. Gülşah AYDIN
ŞEKERCİ**



Personal Information

Email: gulsahaydin@sdu.edu.tr
Web: <https://avesis.sdu.edu.tr/gulsahaydin>

International Researcher IDs

ScholarID: 32oCx9sAAAAJ
ORCID: 0000-0001-9130-2781
ScopusID: 57190839326
Yoksis Researcher ID: 134556



Education Information

Doctorate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Matematik Anabilim
Dalı, Turkey 2013 - 2017
Postgraduate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Matematik Anabilim
Dalı, Turkey 2010 - 2013
Undergraduate, Gazi University, Fen Fakültesi, Matematik, Turkey 2006 - 2010

Foreign Languages

English, C2 Mastery

Research Areas

Mathematics, Differential Geometry, Geometry, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Suleyman Demirel University, Fen Edebiyat Fakültesi, Matematik Bölümü, 2019 - Continues
Research Assistant PhD, Suleyman Demirel University, Fen Edebiyat Fakültesi, Matematik Bölümü, 2017 - 2019
Research Assistant, Suleyman Demirel University, Fen Edebiyat Fakültesi, Matematik Bölümü, 2012 - 2017

Courses

Final Project I, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
Final Project II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
Transformations and Geometry I, Undergraduate, 2022 - 2023, 2021 - 2022
Analytical Geometry II, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
Analytical Geometry I, Undergraduate, 2022 - 2023, 2021 - 2022, 2019 - 2020
Clifford Algebras and Applications, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
Semi-Riemannian Geometry, Undergraduate, 2021 - 2022

Transformations and Geometry II, Undergraduate, 2020 - 2021
Differential Geometry II, Undergraduate, 2020 - 2021, 2019 - 2020
Mathematics II, Undergraduate, 2020 - 2021
Introduction to Spin Geometry, Postgraduate, 2021 - 2022, 2020 - 2021
Calculus I, Undergraduate, 2021 - 2022, 2019 - 2020
Introduction to Calculus, Undergraduate, 2019 - 2020
Differential Geometry I, Undergraduate, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **On evolutoids and pedaloids in Minkowski 3-space**
AYDIN ŞEKERCİ G.
JOURNAL OF GEOMETRY AND PHYSICS, vol.168, 2021 (SCI-Expanded)
- II. **Evolutoids and Pedaloids of Minkowski Plane Curves**
AYDIN ŞEKERCİ G., Izumiya S.
BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY, vol.44, no.5, pp.2813-2834, 2021 (SCI-Expanded)
- III. **Dual curves associated with the Bonnet ruled surfaces**
Çimdiker Aslan M., Aydın Şekerci G.
INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, vol.17, no.13, 2020 (SCI-Expanded)
- IV. **Spinor Covariant Derivative on Degenerate Manifolds**
AYDIN ŞEKERCİ G., ÇÖKEN A. C.
Reports on Mathematical Physics, vol.86, no.2, pp.241-262, 2020 (SCI-Expanded)
- V. **On the Degenerate Pin Groups**
Aydın Şekerci G., Çöken A. C.
FILOMAT, vol.34, no.6, pp.2017-2027, 2020 (SCI-Expanded)
- VI. **ON THE TRANSLATION HYPERSURFACES WITH GAUSS MAP G SATISFYING $\Delta G = AG$**
Sekerci G., Sevinc S., ÇÖKEN A. C.
MISKOLC MATHEMATICAL NOTES, vol.20, no.2, pp.1215-1225, 2019 (SCI-Expanded)
- VII. **On Darboux rotation axis of lightlike curves**
Sekerci G., ÇÖKEN A. C., Ekici C.
INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, vol.13, no.9, 2016 (SCI-Expanded)
- VIII. **Relaxed elastic lines of second kind in dual space**
Aydın G., Gurbuz N., Gorgulu A., COKEN A. C.
INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, vol.12, no.2, 2015 (SCI-Expanded)
- IX. **SLANT SUBMANIFOLDS OF SEMI-RIEMANNIAN MANIFOLDS**
Aydın G., COKEN A. C.
INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, vol.10, no.10, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **Anti-pedals and Primitives of Curves in Minkowski Plane**
Aydın Şekerci G.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.22, no.1, pp.92-99, 2022 (Peer-Reviewed Journal)
- II. **Some Results for Bislant and Semi-Slant Submanifolds of Semi-Riemannian Manifolds**
Aydın Şekerci G., Çöken A. C.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.14, no.2, pp.422-433, 2021 (Peer-Reviewed Journal)
- III. **AN EXAMINATION OF THE CONDITION UNDER WHICH A CONCHOIDAL SURFACE IS A BONNET**

SURFACE IN THE EUCLIDEAN 3-SPACE

Aslan M. C., AYDIN ŞEKERCİ G.

FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS, vol.36, no.3, pp.627-641, 2021 (ESCI)

IV. On rectifying curves in Minkowski 3-space

Şekerci G., Sevinç S., Çöken A. C.

Malaya Journal of Matematik, vol.9, no.4, pp.181-193, 2021 (Peer-Reviewed Journal)

V. Bonnet Canal Surfaces

AYDIN ŞEKERCİ G., ÇİMDİKER ASLAN M.

Deu Muhendislik Fakultesi Fen ve Muhendislik, vol.21, no.61, pp.195-200, 2019 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Pedals and primitivoids of frontals in Minkowski plane**
Aydın Şekerci G.
18th International Geometry Symposium in Honour of Prof. Dr. Sadık KELEŞ, Malatya, Turkey, 12 - 13 July 2021, pp.143
- II. **Some results about affine translation surfaces in Euclidean 4-space**
Sevinç S., Aydın Şekerci G.
5th International Conference of Mathematical Sciences, İstanbul, Turkey, 23 - 27 June 2021, pp.137
- III. **On the parallel surfaces to canal surfaces**
Coşkun T., Aydın Şekerci G.
International Conference of Young Mathematicians, Kyiv, Ukraine, 3 - 05 June 2021, pp.18
- IV. **A note on affine translation surfaces**
Aydın Şekerci G., Sevinç S.
7th International IFS and Contemporary Mathematics Conference, Mersin, Turkey, 25 - 29 May 2021, pp.28
- V. **On The Gauss Map of Translation Hypersurfaces in 4-Dimensional Euclidean Space**
AYDIN ŞEKERCİ G., SEVİNÇ S., ÇÖKEN A. C.
6th IFSCOM Conference, Mersin, Turkey, 7 - 10 June 2019
- VI. **On the Parallel Surfaces to Translation Surface with q-Frame in Euclidean 3-Space**
TOZAK H., AYDIN ŞEKERCİ G., EKİCİ C.
INTERNATIONAL CONFERENCE on MATHEMATICAL ADVANCES and APPLICATIONS (ICOMAA2018), 11 - 13 May 2018
- VII. **On Rectifying Curves In Dual Space D^3**
SEVİNÇ S., AYDIN ŞEKERCİ G., ÇÖKEN A. C.
ICMME- 2018 International Conference on Mathematics and Mathematics Education, 27 - 29 June 2018
- VIII. **On Biharmonic Hypersurfaces in Semi Euclidean Spaces**
SEVİNÇ S., AYDIN ŞEKERCİ G., ÇÖKEN A. C.
6th International Eurasian Conference on Mathematical Sciences and Applications, 15 - 18 August 2017
- IX. **Degenerate Dirac operator on 3 dimensional space**
AYDIN ŞEKERCİ G., ÇÖKEN A. C.
International Conference on Quantum Science and Applications, 24 - 28 May 2016
- X. **A Study On The Elastic Curves**
AYDIN ŞEKERCİ G., SEVİNÇ S., ÇÖKEN A. C.
14th International Geometry Symposium, 25 - 28 May 2016
- XI. **Some Results About Harmonic Curves On Lorentzian Manifolds**
SEVİNÇ S., AYDIN ŞEKERCİ G., ÇÖKEN A. C.
14th International Geometry Symposium, 25 - 28 May 2016
- XII. **On the harmonic curves on a semi Riemannian manifold**
SEVİNÇ S., AYDIN ŞEKERCİ G., ÇÖKEN A. C.
International conference on mathematics and mathematics education, 11 - 14 May 2016

- XIII. **Some Results About Conircular and Concurrent Vector Fields On Pseudo-Kaehler Manifolds**
Sevinc S., Sekerci G., Coken A. C.
International Conference on Quantum Science and Applications (ICQSA), Eskişehir, Turkey, 25 - 27 May 2016, vol.766
- XIV. **On The Hypersurfaces of Indefinite Quaternionic Kaehler Manifolds**
AYDIN ŞEKERCİ G., SEVİNÇ S., ÇÖKEN A. C.
4th International Eurasian Conference on Mathematical Sciences and Applications, Atina, Greece, 31 August - 03 September 2015
- XV. **Indefinite kuaterniyonik Kaehler manifoldların bazı özellikleri üzerine**
SEVİNÇ S., AYDIN ŞEKERCİ G., ÇÖKEN A. C.
13. Geometri Sempozyumu, Turkey, 27 - 30 July 2015
- XVI. **Relaxed elastic lines of second kind in semi-dual spaces**
AYDIN ŞEKERCİ G., Coken A. C.
4th International Conference on Mathematical Modeling in Physical Sciences (IC-MSquare), Mykonos, Greece, 5 - 08 June 2015, vol.633
- XVII. **RELAXED ELASTIC LINES OF SECOND KIND IN SEMI DUAL SPACE**
AYDIN ŞEKERCİ G., ÇÖKEN A. C.
ICMSQUARE, 2 - 05 September 2014
- XVIII. **Lightlike relaxed elastic lines on oriented surface in Minkowski space**
AYDIN ŞEKERCİ G., ÇÖKEN A. C.
XXIII. International Fall Workshop on Geometry and Physics, 30 August - 02 September 2014
- XIX. **On Darboux rotation axis of lightlike curves**
AYDIN ŞEKERCİ G., ÇÖKEN A. C., EKİCİ C.
12. Geometri Sempozyumu, Turkey, 23 - 26 June 2014
- XX. **Bislant submanifolds of semi Riemannian manifolds**
AYDIN ŞEKERCİ G., ÇÖKEN A. C.
2nd INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, 26 - 29 August 2013
- XXI. **Semi Slant Submanifolds of an Indefinite Kaehler Manifold**
SEVİNÇ S., AYDIN ŞEKERCİ G., ÇÖKEN A. C.
11. Geometri Sempozyumu, Turkey, 1 - 05 July 2013
- XXII. **SLANT SUBMANIFOLDS OF SEMI RIEMANNIAN MANIFOLDS**
AYDIN ŞEKERCİ G., SEVİNÇ S., ÇÖKEN A. C.
11. Geometri Sempozyumu, Turkey, 1 - 05 July 2013

Mobility Activity

Erasmus Programme, Get Education, University of Jyväskylä, Finland, 2019 - 2019

Research Scholarship Program, Other, Universitaet Regensburg, Germany, 2017 - 2017

Metrics

Publication: 36

Citation (WoS): 18

Citation (Scopus): 23

H-Index (WoS): 2

H-Index (Scopus): 3