

Assoc. Prof. Bahar UYAR DÜLDÜL

Personal Information

Office Phone: [+90 212 383 5556](tel:+902123835556)

Web: <https://avesis.yildiz.edu.tr/buduldul>

Education Information

Doctorate, Ondokuz Mayıs Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Anabilim Dalı, Turkey 2004 - 2009

Post Graduate, Ondokuz Mayıs Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Anabilim Dalı, Turkey 1999 - 2002

Under Graduate, Ondokuz Mayıs Üniversitesi, Eğitim Fakültesi, Matematik Öğretmenliği, Turkey 1995 - 1999

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, İki yüzeyin arakesit eğrisi için bazı karakterizasyonlar, Ondokuz Mayıs Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, 2009

Post Graduate, IR^n v yarı-öklidiyen uzayında yarı-hiperregle yüzeylerin cebirsel degismezleri, Ondokuz Mayıs Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, 2002

Research Areas

Mathematics, Geometry, Natural Sciences

Academic Titles / Tasks

Associate Professor, Yıldız Technical University, Faculty of Education, Department of Mathematics and Science Education, 2019 - Continues

Assistant Professor, Yıldız Technical University, Faculty of Education, Department of Mathematics and Science Education, 2018 - 2019

Assistant Professor, Yıldız Teknik Üniversitesi, Faculty of Education, Department of Mathematics and Science Education, 2011 - 2018

Assistant Professor, Sinop Üniversitesi, Eğitim Fakültesi, İlköğretim Bölümü, 2010 - 2011

Research Assistant, Ondokuz Mayıs Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, 1999 - 2002

Professional Experience

Head of Department, Sinop Üniversitesi, 2010 - 2011

Courses

Okul Deneyimi, Under Graduate, 2016 - 2017, 2017 - 2018

Genel Matematik, Under Graduate, 2015 - 2016, 2017 - 2018

Analitik Geometri 1, Under Graduate, 2015 - 2016, 2016 - 2017, 2017 - 2018

Genel Matematik 1, Under Graduate, 2016 - 2017
Analitik Geometri 2, Under Graduate, 2015 - 2016, 2016 - 2017
Matematiksel Oyunlar, Under Graduate, 2016 - 2017
Topluma Hizmet Uygulamaları, Under Graduate, 2015 - 2016, 2016 - 2017
Genel Matematik 2, Under Graduate, 2016 - 2017
Geometri, Under Graduate, 2015 - 2016

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Derivation of slant helices on a given surface through new approaches**
Düldül B. U. , DÜLDÜL M.
APPLIED MATHEMATICS AND COMPUTATION, vol.366, no.124742, 2020 (Journal Indexed in SCI)
- **Extended Darboux frame curvatures of Frenet curves lying on parametric 3-surfaces**
UYAR DÜLDÜL B., DÜLDÜL M.
KUWAIT JOURNAL OF SCIENCE, vol.46, no.1, pp.15-23, 2019 (Journal Indexed in SCI)
- **A New Method for Finding the Shape Operator of a Hypersurface in Euclidean 4-Space**
Düldül B. U.
FILOMAT, vol.32, no.17, pp.5827-5836, 2018 (Journal Indexed in SCI)
- **Extension of the Darboux frame into Euclidean 4-space and its invariants**
DÜLDÜL M., Düldül B. U. , Kuruoglu N., Ozdamar E.
TURKISH JOURNAL OF MATHEMATICS, vol.41, pp.1628-1639, 2017 (Journal Indexed in SCI)
- **Differential geometry of non-transversal intersection curves of three implicit hypersurfaces in Euclidean 4-space**
ALESSIO O., DÜLDÜL M., Düldül B. U. , ABDEL-ALL N. H. , BADR S. A.
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, vol.308, pp.20-38, 2016 (Journal Indexed in SCI)
- **Can we find Willmore-like method for the tangential intersection problems?**
Düldül B., DÜLDÜL M.
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, vol.302, pp.301-311, 2016 (Journal Indexed in SCI)
- **Non-transversal intersection curves of hypersurfaces in Euclidean 4-space**
BADR S. A. , ABDEL-ALL N. H. , ALESSIO O., DÜLDÜL M., Düldül B. U.
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, vol.288, pp.81-98, 2015 (Journal Indexed in SCI)
- **Differential geometry of non-transversal intersection curves of three parametric hypersurfaces in Euclidean 4-space**
Alessio O., DÜLDÜL M., Düldül B., Badr S. A. , Abdel-All N. H.
COMPUTER AIDED GEOMETRIC DESIGN, vol.31, pp.712-727, 2014 (Journal Indexed in SCI)
- **The extension of Willmore's method into 4-space**
Düldül B., DÜLDÜL M.
MATHEMATICAL COMMUNICATIONS, vol.17, pp.423-431, 2012 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Shape Operator via Darboux Frame Curvatures and Its Applications**
Düldül B. U. , DÜLDÜL M.
INTERNATIONAL ELECTRONIC JOURNAL OF GEOMETRY, vol.12, no.2, pp.182-187, 2019 (Journal Indexed in ESCI)
- **Smarandache Curves According to the Extended Darboux Frame in Euclidean 4-Space**
Uyar Düldül B.
Journal of Computer Science & Computational Mathematics, vol.9, pp.17-22, 2019 (Refereed Journals of Other Institutions)

- **Some special Smarandache curves according to the extended Darboux frame in E^4_1**
UYAR DÜLDÜL B.
Malaya Journal of Matematik, vol.7, no.1, pp.72-75, 2019 (Refereed Journals of Other Institutions)
- **Extended Darboux frame field in Minkowski space-time E^4_1**
UYAR DÜLDÜL B.
Malaya Journal of Matematik, vol.6, no.3, pp.473-477, 2018 (Refereed Journals of Other Institutions)
- **Curvatures of implicit hypersurfaces in Euclidean 4-space**
UYAR DÜLDÜL B.
İĞDIR ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, pp.229-236, 2018 (International Refereed University Journal)
- **SOME INTEGRAL CURVES ASSOCIATED WITH A TIMELIKE FRENET CURVE IN MINKOWSKI 3-SPACE**
Duldul B.
HONAM MATHEMATICAL JOURNAL, vol.39, no.4, pp.603-616, 2017 (Journal Indexed in ESCI)
- **On the geodesic torsion of a tangential intersection curve of two surfaces in R^3**
Uyar Döldül B., Çalışkan M.
Acta Math. Univ. Comenianae, vol.82, no.2, pp.177-189, 2013 (International Refereed University Journal)
- **Spacelike intersection curve of threespacelike hypersurfaces in E^4_1**
Uyar Döldül B., Çalışkan M.
Annales UMCS, vol.67, no.1, pp.23-33, 2013 (International Refereed University Journal)
- **The geodesic curvature and geodesic torsion of the intersection curve of two surfaces**
UYAR DÜLDÜL B., ÇALIŞKAN M.
Acta Universitatis Apulensis, vol.24, pp.161-172, 2010 (International Refereed University Journal)
- **On the properties of $k=1$ dimensional time like ruled surfaces with the space like generating space in the Minkowski space $R^{n,1}$**
CAN S., UYAR B., AYDEMİR İ.
MATHEMATICAL AND COMPUTATIONAL APPLICATIONS, vol.9, no.3, pp.393-398, 2004 (Refereed Journals of Other Institutions)
- **On the minimality and total developability of the time like ruled surfaces with the time like generating space in the Minkowski space $R^{n,1}$**
CAN S., UYAR B., AYDEMİR İ.
International Journal of Differential Equations and Applications, vol.7, no.3, pp.339-348, 2003 (Refereed Journals of Other Institutions)
- **Hyperruled surfaces with the time like generating space in the Minkowski space $R^{n,1}$**
UYAR B., CAN S., AYDEMİR İ.
International Journal of Applied Mathematics, vol.14, no.2, pp.125-133, 2003 (Refereed Journals of Other Institutions)
- **On the properties of time like hyperruled surfaces with the space like generating space in the Minkowski space $R^{n,1}$**
UYAR B., CAN S., AYDEMİR İ.
International Journal of Applied Mathematics, vol.14, no.1, pp.41-49, 2003 (Refereed Journals of Other Institutions)
- **On the algebraic invariants of shape operator of semi hyperruled surfaces in the semi Euclidean n space $R^{n,v}$**
UYAR B., KURUOĞLU N.
International Journal of Applied Mathematics, vol.14, no.1, pp.57-67, 2003 (Refereed Journals of Other Institutions)
- **On the algebraic invariants of shape operator of space like hyperruled surfaces with the space like generating space in the Minkowski space $R^{n,1}$**
UYAR B., CAN S., KURUOĞLU N.
International Journal of Applied Mathematics, vol.10, no.2, pp.159-166, 2002 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- **Shape Operator Along a Surface Curve and Its Applications**

UYAR DÜLDÜL B., DÜLDÜL M.

16th International Geometry Symposium, Manisa, Turkey, 04 July 2018, pp.294

- **Torsion of the tangential intersection curve of two surfaces by using Rodrigues' rotation formula**

UYAR DÜLDÜL B.

International Congress On Mathematics Statistics And Analytical Methods, İstanbul, Turkey, 02 March 2018, pp.77-78

- **Associated curves with a timelike Frenet curve in Minkowski 3- space**

UYAR DÜLDÜL B.

International Conference on Mathematics and Engineering, İstanbul, Turkey, 10 May 2017, pp.425

- **İki yüzeyin tegetsel arakesit egrisinin jeodezik burulması üzerine**

UYAR DÜLDÜL B., Çalışkan M.

13. Geometri Sempozyumu, İstanbul, Turkey, 27 July 2015, pp.1

- **Spacelike intersection curve of three spacelike hypersurfaces in E^4_1**

Uyar Döldül B., Çalışkan M.

International conference on Applied Analysis and Mathematical Modeling, İstanbul, Turkey, 8 - 12 June 2015, pp.66

- **İki yüzeyin arakesit egrisinin geodezik egriligi ve geodezik burulması**

Uyar Döldül B., Çalışkan M.

9. Geometri Sempozyumu, Samsun, Turkey, 07 June 2011, pp.1

Invited Congress and Symposium Activities

16 th International Geometry Symposium, Attendee, Manisa, Turkey, 2018

International Congress On Mathematics Statistics And Analytical Methods, Attendee, Turkey, 2018

International Conference on Mathematics and Engineering, Attendee, Turkey, 2017

13. Geometri Sempozyumu, Attendee, Turkey, 2015

International Conference on Applied Analysis and Mathematical Modeling, Attendee, Turkey, 2015

9. Geometri Sempozyumu, Attendee, Turkey, 2011

VI. Ulusal Geometri Sempozyumu, Attendee, Turkey, 2008

IV. International Geometry Symposium, Attendee, Turkey, 2006

Citations

Total Citations (WOS):23

h-index (WOS):4

Awards

UYAR DÜLDÜL B., YTÜ Yayın Teşvik Ödülü, YTÜ Akademik Ödül Töreni, February 2015

UYAR DÜLDÜL B., YTÜ Yayın Teşvik Ödülü, YTÜ Akademik Ödül Töreni, February 2014

UYAR DÜLDÜL B., YTÜ Yayın Teşvik Ödülü, YTÜ Akademik Ödül Töreni, February 2012