

Prof. HÜLYA YILMAZ

Personal Information

Email: hbagdatli@marmara.edu.tr

Web: <https://avesis.marmara.edu.tr/hbagdatli>

International Researcher IDs

ScholarID: 7_cJPK0AAAAJ

ORCID: 0000-0003-2568-7577

Publons / Web Of Science ResearcherID: ABB-7594-2020

Yoksis Researcher ID: 172950

Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Turkey 1997 - 2004

Postgraduate, Uludağ Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 1993 - 1995

Undergraduate, Uludağ Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 1989 - 1993

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Other, How to prepare your manuscript, Elsevier Researcher Academy - online, 2020

Other, Mendeley Eğitimi, Marmara Üniversitesi, 2020

Dissertations

Doctorate, Hiperyüzeylerin Ortalama eğriliği Koruyan İzometrisi Problemi, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, 2004

Postgraduate, Dupin Hiperyüzeyler, Uludağ Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 1995

Research Areas

Differential Geometry, Natural Sciences

Academic Titles / Tasks

Professor, Marmara University, Faculty of Arts and Sciences, Mathematics, 2021 - Continues

Associate Professor, Marmara University, Faculty of Arts and Sciences, Mathematics, 2013 - 2021

Academic and Administrative Experience

Marmara University, Faculty of Arts and Sciences, Mathematics, 2015 - Continues

Head of Department, Marmara University, Faculty of Arts and Sciences, Mathematics, 2021 - 2022

Deputy Head of Department, Marmara University, Faculty of Arts and Sciences, Mathematics, 2020 - 2021

Courses

Differential Geometry I, Undergraduate, 2023 - 2024, 2021 - 2022

Differential geometry of Manifolds I, Postgraduate, 2023 - 2024, 2020 - 2021, 2017 - 2018, 2015 - 2016

Selected Topics in Semi-Riemannian Geometry, Doctorate, 2021 - 2022

Differential Geometry II, Undergraduate, 2021 - 2022

Linear Algebra, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Analytic Geometry II, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

Differential geometry of manifolds, Postgraduate, 2021 - 2022, 2017 - 2018

SemiRiemannian Geometry, Doctorate, 2021 - 2022

Tensor Calculus, Undergraduate, 2020 - 2021, 2018 - 2019, 2017 - 2018

Symmetric manifolds II, Postgraduate, 2019 - 2020

Linear Algebra, Undergraduate, 2019 - 2020

Analytic Geometry I, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

Symmetric manifolds I, Postgraduate, 2018 - 2019

Linear Algebra, Undergraduate, 2018 - 2019

Linear Algebra I, Undergraduate, 2017 - 2018, 2016 - 2017

Geometry of submanifolds I, Postgraduate, 2017 - 2018

Analytic Geometry I, Undergraduate, 2015 - 2016

Advising Theses

Yılmaz H., B tensörünün manifoldlar üzerinde incelenmesi, Doctorate, D.KURT(Student), Continues

Yılmaz H., Weakly B-symmetric manifolds, Postgraduate, D.KURT(Student), 2020

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi, December, 2024

Post Graduate, Post Graduate, Marmara Üniversitesi, June, 2024

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi, May, 2024

Doctorate, Doctorate, Yıldız Teknik Üniversitesi, May, 2024

Academic Staff Examination, Academic Staff Examination, Milli Savunma Üniversitesi, February, 2024

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi, January, 2024

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Milli Savunma Üniversitesi, July, 2023

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Milli Savunma Üniversitesi, June, 2023

Associate Professor Exam, Associate Professor Exam, May, 2023

Associate Professor Exam, Associate Professor Exam, UAK, May, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi, December, 2022

Associate Professor Exam, Associate Professor Exam, UAK, December, 2022

Associate Professor Exam, Associate Professor Exam, UAK, December, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Doğuş Üniversitesi, November, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi, June, 2022

Associate Professor Exam, Associate Professor Exam, UAK, May, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Marmara Üniversitesi, March, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Marmara Üniversitesi, January, 2022

Doctoral Examination, Doctoral Examination, İstanbul Teknik Üniversitesi, January, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Marmara Üniversitesi, January, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi, December, 2021

Associate Professor Exam, Associate Professor Exam, Marmara University, December, 2021

Associate Professor Exam, Associate Professor Exam, UAK, August, 2021

Doctoral Examination, Doctoral Examination, İstanbul Teknik Üniversitesi, May, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi, May, 2021

Doctoral Examination, Doctoral Examination, Yıldız Teknik Üniversitesi, November, 2020

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Doğuş Üniversitesi, September, 2020

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, September, 2020

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Marmara Üniversitesi, October, 2017

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, July, 2017

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, May, 2017

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, December, 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Impact of φ -M-projective curvature tensor in a space-time**
De U. C., Yılmaz H.
INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, pp.1-13, 2024 (SCI-Expanded)
- II. **On spacetimes with a semi-symmetric recurrent metric connection**
Yılmaz H., De U. C.
MODERN PHYSICS LETTERS A, vol.39, no.33n34, pp.1-11, 2024 (SCI-Expanded)
- III. **On pseudo Z-symmetric Lorentzian manifolds admitting a type of semi-symmetric metric connection**
Bağdatlı Yılmaz H.
ANALYSIS AND MATHEMATICAL PHYSICS, vol.13, no.6, pp.1-14, 2023 (SCI-Expanded)
- IV. **Compatibility of φ (Ric)-vector fields on almost pseudo-Ricci symmetric manifolds**
Yılmaz H., Aynur Uysal S.
International Journal of Geometric Methods in Modern Physics, vol.18, 2021 (SCI-Expanded)
- V. **Some Properties of Generalized Einstein Tensor for a Pseudo-Ricci Symmetric Manifold**
Uysal S. A., Bağdatlı Yılmaz H.
ADVANCES IN MATHEMATICAL PHYSICS, vol.2020, 2020 (SCI-Expanded)

- VI. **On almost pseudo-conharmonically symmetric ricci-recurrent manifolds**
 Yilmaz H.
 Analele Stiintifice ale Universitatii Al I Cuza din Iasi - Matematica, vol.63, 2017 (SCI-Expanded)
- VII. **SOME VECTOR FIELDS ON A RIEMANNIAN MANIFOLD WITH SEMI-SYMMETRIC METRIC CONNECTION**
 Zengin F. O., Demirbag S. A., Uysal S. A., Yilmaz H.
 BULLETIN OF THE IRANIAN MATHEMATICAL SOCIETY, vol.38, pp.479-490, 2012 (SCI-Expanded)
- VIII. **On weakly symmetric manifolds with a type of semi-symmetric non-metric connection**
 YILMAZ H.
 ANNALES POLONICI MATHEMATICI, vol.102, no.3, pp.301-308, 2011 (SCI-Expanded)
- IX. **On the problem of isometry of a hypersurface preserving mean curvature**
 Bagdatli H., Soyucok Z.
 PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCES-MATHEMATICAL SCIENCES, vol.117, no.1, pp.49-59, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **On hypersurfaces of a Riemannian manifold with a Ricci quarter symmetric metric connection**
 Yilmaz H.
 ACTA MATHEMATICA ACADEMIAE PAEDAGOGICAE NYIREGYHAZIENSIS, vol.34, pp.104-111, 2023 (Peer-Reviewed Journal)
- II. **A Study on Generalized Einstein Tensor for an Almost Pseudo-Ricci Symmetric Manifold**
 Yilmaz H., Uysal S. A.
 Konuralp Journal of Mathematics, vol.10, no.1, pp.103-107, 2022 (Peer-Reviewed Journal)
- III. **On Conformally Symmetric Generalized Ricci-Recurrent Manifolds with applications in general relativity**
 YILMAZ H.
 BULLETIN OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.13, no.3, pp.39-50, 2021 (ESCI)
- IV. **Weak M-projective symmetries for a Sasakian manifold**
 YILMAZ H.
 Differential Geometry - Dynamical Systems,, vol.23, pp.18-26, 2021 (Peer-Reviewed Journal)
- V. **Sasakian manifolds satisfying certain conditions on Q tensor**
 YILMAZ H.
 Journal of Geometry, vol.111, no.3, 2020 (ESCI)
- VI. **A Note on An Almost Contact Metric Manifold with A Type of Semi-symmetric Non-metric Connection**
 YILMAZ H.
 Mathematical Sciences and Applications E-Notes, vol.6, pp.50-57, 2018 (Peer-Reviewed Journal)
- VII. **On almost pseudo quasi conformally symmetric manifolds**
 YILMAZ H.
 Boletinde la asociacion mathematical Venezolan, vol.21, pp.69-85, 2014 (Peer-Reviewed Journal)
- VIII. **On generalized semi pseudo Ricci symmetric manifolds**
 Yilmaz H.
 mathematica Panonica, vol.24, pp.55-64, 2013 (Peer-Reviewed Journal)
- IX. **On decomposable almost pseudo conharmonically symmetric manifolds**
 Yilmaz H.
 Acta Univ. Palacki. Olomuc. Fac. Rer. Nat. Mathematica, vol.51, pp.111-124, 2012 (Peer-Reviewed Journal)
- X. **on a semi symmetric metric connection with a special condition on a Riemannian manifold**
 Yilmaz H., Zengin F., Uysal S. A.
 European journal of pure and applied mathematics, vol.4, pp.152-161, 2011 (Peer-Reviewed Journal)
- XI. **On quasi Einstein manifolds admitting a Ricci quarter symmetric metric connection**

ALTAY DEMİRBAĞ S., YILMAZ H., UYSAL S. A., ZENGİN F.

bulletin of mathematical analysis and applications, vol.4, pp.84-91, 2011 (ESCI)

XII. the projective quarter symmetric metric connection and their projective curvature tensor

Yilmaz H., Uysal S. A.

The International Mathematical Forum, vol.48, pp.2369-2376, 2009 (Peer-Reviewed Journal)

Books & Book Chapters

I. A special type of semi-symmetric connection

Yılmaz H., Zengin F., Uysal S. A.

LAP LAMBERT Academic Publishing GmbH&Co. KG, Saarbrücken, 2012

Refereed Congress / Symposium Publications in Proceedings

I. On Recurrent B forms

Kurt D., Yılmaz H.

20. International Geometry Symposium, Van, Turkey, 18 - 20 July 2024, pp.52

II. A note on weakly B-symmetric space-times

Kurt D., Yılmaz H.

19th International Geometry Symposium, Edirne, Turkey, 27 - 30 June 2022, pp.53

III. Generalized Einstein tensor for an almost pseudo-Ricci symmetric manifold

YILMAZ H., UYSAL S. A.

3rd International Conference on Pure and Applied Mathematics, ICPAM-VAN 2020, 3 - 05 September 2020

IV. Zayıf B-simetrik Manifoldlar üzerine bir çalışma

Kurt D., Yılmaz H.

32. Ulusal Matematik Sempozyumu, Samsun, Turkey, 31 August - 03 September 2019

V. $\phi(\text{Ric})$ -vector fields on almost pseudo Ricci symmetric manifolds

YILMAZ H., UYSAL S. A., KIRIK RÁCZ B.

MICOPAM 2019, Paris, France, 28 - 31 August 2019

VI. A Study on Some Special Riemannian Manifolds with Semi-Symmetric Metric Connection

YILMAZ H., UYSAL S. A., KIRIK RÁCZ B.

17th International Geometry Symposium, Erzincan, Turkey, 19 - 22 June 2019, pp.30

VII. Some results on weak M-projective symmetric Sasakian manifolds

YILMAZ H.

17. International Geometry Sempozyumu, Erzincan, Turkey, 19 - 22 June 2019

VIII. Q tensor on Sasakian manifolds

YILMAZ H.

IFSCOM 2018, Kahramanmaraş, Turkey, 5 - 09 September 2018

IX. On an almost contact metric manifold with type of semi-symmetric non-metric connection

YILMAZ H.

IECMSA 2017 Budapest/ Hungary, 15 - 18 August 2017

X. A note on hypersurfaces of a Riemannian manifold with a Ricci quarter symmetric metric connection

YILMAZ H.

IECMSA-2016 Belgrade / Serbia, Belgrade, Serbia And Montenegro, 16 - 19 August 2016

XI. A study of semi symmetric metric connection with a special condition on a Riemannian manifold

YILMAZ H., ALTAY DEMİRBAĞ S., ZENGİN F., UYSAL S. A.

VIII. Geometri Sempozyumu Antalya, Turkey, 29 April - 02 May 2010, pp.62-63

XII. A note on some vector fields on a Riemannian manifold with a special type of semi symmetric connection

ZENGİN F., ALTAY DEMİRBAĞ S., UYSAL S. A., YILMAZ H.

VIII. Geometri sempozyumu Antalya, Turkey, 29 April - 02 May 2010, pp.53-54

XIII. Bükülebilir Bonnet hiperyüzeyleri

YILMAZ H., Soyuçok Z.

XVIII. Ulusal Matematik sempozyumu İstanbul, Turkey, 5 - 08 September 2005, pp.215-224

Supported Projects

Yılmaz H., Project Supported by Higher Education Institutions, On an almost contact metric manifold with a type of semi-symmetric non-metric connection, 2017 - 2018

Yılmaz H., Project Supported by Higher Education Institutions, A note on hypersurfaces of a Riemannian manifold with a Ricci quarter symmetric metric connection, 2016 - 2017

Scientific Refereeing

ANALYSIS AND MATHEMATICAL PHYSICS, Journal Indexed in SCI-E, May 2024

Facta Universitatis, Series: Mathematics and Informatics, Journal Indexed in ESCI, June 2022

International electronic Journal of geometry, Journal Indexed in ESCI, November 2021

Project Supported by Higher Education Institutions, BAP Other, Ege University, Turkey, September 2021

Int. j of Advances in eng. and pure sci., Other Indexed Journal, April 2020

TURKISH JOURNAL OF MATHEMATICS, SCI Journal, June 2019

Konuralp journal of math., Other Indexed Journal, May 2019

TURKISH JOURNAL OF MATHEMATICS, Journal Indexed in SCI-E, June 2016

Tasks In Event Organizations

Yılmaz H., 5. Marmara mathematics days MMG'2019, Workshop Organization, İstanbul, Turkey, Ekim 2019

Yılmaz H., 4. Marmara mathematics days MMG'2018, Workshop Organization, İstanbul, Turkey, Eylül 2018

Yılmaz H., 3. Marmara matematik günleri MMG'2017, Workshop Organization, İstanbul, Turkey, Eylül 2017

Yılmaz H., ICAAMM'2017, Scientific Congress, İstanbul, Turkey, Temmuz 2017

Yılmaz H., 2.Marmara matematik günleri MMG'2016, Workshop Organization, İstanbul, Turkey, Ekim 2016

Yılmaz H., Marmara mathematics days 2014, Workshop Organization, İstanbul, Turkey, Eylül 2014

Metrics

Publication: 35

Citation (WoS): 5

Citation (Scopus): 23

H-Index (WoS): 2

H-Index (Scopus): 3

Awards

Yılmaz H., Zengin F., Uysal S. A., Uluslararası Kitapta Bölüm, Marmara Üniversitesi Fen-Edebiyat Fakültesi, June 2013

Yılmaz H., Yayın teşvik, Tübitak-Ulakbim, April 2008

Non Academic Experience

Milli Savunma Üniversitesi

Doğuş Üniversitesi