

## **Prof. HÜLYA YILMAZ**

### **Personal Information**

**Email:** hbagdatli@marmara.edu.tr

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

### **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**

Head of Department, Marmara University, Faculty Of Arts And Sciences, Mathematics, 2021 - Continues

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

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

## Courses

Selected Topics in Semi-Riemannian Geometry, Doctorate, 2021 - 2022  
Differential Geometry II, Undergraduate, 2021 - 2022  
Linear Algebra, Undergraduate, 2018 - 2019, 2019 - 2020, 2020 - 2021, 2021 - 2022  
Analytic Geometry II, Undergraduate, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021  
Differential geometry of manifolds, Postgraduate, 2017 - 2018, 2021 - 2022  
Differential Geometry I, Undergraduate, 2021 - 2022  
SemiRiemannian Geometry, Doctorate, 2021 - 2022  
Differential geometry of Manifolds I, Postgraduate, 2015 - 2016, 2017 - 2018, 2020 - 2021  
Tensor Calculus, Undergraduate, 2017 - 2018, 2018 - 2019, 2020 - 2021  
Symmetric manifolds II, Postgraduate, 2019 - 2020  
Linear Algebra, Undergraduate, 2019 - 2020  
Analytic Geometry I, Undergraduate, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021  
Symmetric manifolds I, Postgraduate, 2018 - 2019  
Linear Algebra, Undergraduate, 2018 - 2019  
Linear Algebra I, Undergraduate, 2016 - 2017, 2017 - 2018  
Geometry of submanifolds I, Postgraduate, 2017 - 2018  
Analytic Geometry I, Undergraduate, 2015 - 2016

## Advising Theses

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

## Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Marmara Üniversitesi, March, 2022  
Doctoral Examination, Doctoral Examination, İstanbul Teknik Üniversitesi, January, 2022  
Appointment Academic Staff, Appointment Academic Staff, Marmara Üniversitesi, January, 2022  
Appointment Academic Staff, 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  
Doctorate, Doctorate, İstanbul Teknik Üniversitesi, September, 2020  
Appointment Academic Staff, Appointment Academic Staff, Doğuş Üniversitesi, September, 2020  
Appointment Academic Staff, 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

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

- Compatibility of  $\varphi$  (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 (Journal Indexed in SCI)
- II. **Some Properties of Generalized Einstein Tensor for a Pseudo-Ricci Symmetric Manifold**  
Uysal S. A. , Bagdatli Yilmaz H.  
ADVANCES IN MATHEMATICAL PHYSICS, vol.2020, 2020 (Journal Indexed in SCI)
  - III. **On almost pseudo-conharmonically symmetric ricci-recurrent manifolds**  
Yilmaz H.  
Analele Stiintifice ale Universitatii Al I Cuza din Iasi - Matematica, vol.63, 2017 (Journal Indexed in SCI Expanded)
  - IV. **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 (Journal Indexed in SCI)
  - V. **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 (Journal Indexed in SCI)

### Articles Published in Other Journals

- I. **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 (Refereed Journals of Other Institutions)
- II. **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 (Journal Indexed in ESCI)
- III. **Weak M-projective symmetries for a Sasakian manifold**  
YILMAZ H.  
Differential Geometry - Dynamical Systems,, vol.23, pp.18-26, 2021 (Refereed Journals of Other Institutions)
- IV. **Sasakian manifolds satisfying certain conditions on Q tensor**  
YILMAZ H.  
Journal of Geometry, vol.111, no.3, 2020 (Journal Indexed in ESCI)
- V. **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 (Refereed Journals of Other Institutions)
- VI. **On hypersurfaces of a Riemannian manifolds with a Ricci quarter symmetric metric connection**  
YILMAZ H.  
Acta Mathematica Academie Paedagogice Nyíregyháziensis, 2017 (Refereed Journals of Other Institutions)
- VII. **On almost pseudo quasi conformally symmetric manifolds**  
YILMAZ H.  
Boletinde la asociacion mathematical Venezolan, vol.21, pp.69-85, 2014 (Refereed Journals of Other Institutions)
- VIII. **On generalized semi pseudo Ricci symmetric manifolds**  
Yilmaz H.  
mathematica Panonica, vol.24, pp.55-64, 2013 (Refereed Journals of Other Institutions)
- IX. **On decomposable almost pseudo conharmonically symmetric manifolds**  
Yilmaz H.  
Acta Univ. Palacki. Olomuc. Fac. Rer. Nat. Mathematica, vol.51, pp.111-124, 2012 (Refereed Journals of Other Institutions)
- 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 (Refereed Journals of Other Institutions)

- 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 (Refereed Journals of Other Institutions)
- XII. **the projective quarter symmetric metric connection and their projective curvature tensor**  
 Yılmaz H., Uysal S. A.  
 The International Mathematical Forum, vol.48, pp.2369-2376, 2009 (Refereed Journals of Other Institutions)

## 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. **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
- II. **Zayıf B-simetrik Manifoldlar üzerine bir çalışma**  
 Kurt D., YILMAZ H.  
 32. Ulusal Matematik Sempozyumu, Samsun, Turkey, 31 August - 03 September 2019
- III.  **$\phi(\text{Ric})$ -vector fields on almost pseudo Ricci symmetric manifolds**  
 YILMAZ H., UYSAL S. A. , KIRIK RÁCZ B.  
 MICOPAM 2019, Paris, France, 28 - 31 August 2019
- IV. **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
- V. **A Study On Some Special Riemannian Manifolds With Semi-Symmetric Metric Connection**  
 YILMAZ H., UYSAL S. A. , KIRIK B.  
 17. International Geometry Sempodium, Erzincan, Turkey, 19 - 22 June 2019
- VI. **Some results on weak M-projective symmetric Sasakian manifolds**  
 YILMAZ H.  
 17. International Geometry Sempodium, Erzincan, Turkey, 19 - 22 June 2019
- VII. **Q tensor on Sasakian manifolds**  
 YILMAZ H.  
 IFSCOM 2018, Kahramanmaraş, Turkey, 5 - 09 September 2018
- VIII. **On an almost contact metric manifold with type of semi-symmetric non-metric connection**  
 YILMAZ H.  
 IECMSA 2017 Budapest/ Hungary, 15 - 18 August 2017
- IX. **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
- X. **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
- 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. 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

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

## Citations

Total Citations (WOS):5

h-index (WOS):2

## 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