

## Prof. AYŞE FÜSUN NURCAN

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**Office Phone:** [+90 216 777 3388](tel:+902167773388)

**Email:** [funal@marmara.edu.tr](mailto:funal@marmara.edu.tr)

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

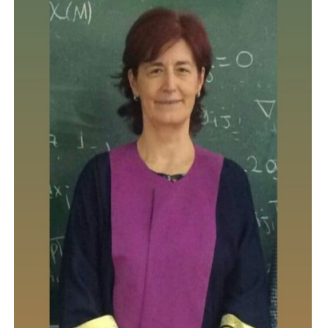
**Address:** Marmara Üniversitesi Fen-Edebiyat Fakültesi Matematik Bölümü

### International Researcher IDs

ScholarID: dUhlW5MAAAAJ

ORCID: 0000-0003-0146-992X

Yoksis Researcher ID: 59518



## Biography

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*1969 yılında İstanbul'da doğdum. 1990 yılında İstanbul Üniversitesi Fen Fakültesi Matematik Bölümünü birincilik ile bitirdim. Yüksek lisans ve doktora eğitimimi İ.T.Ü. de 1990-2001 yılları arasında tamamladım. Çalışma hayatıma 1992 yılında Marmara Üniversitesi A.E.F. Matematik Öğretmenliği Bölümünde başladım. 1992-1994 arasında Araştırma Görevlisi, 1994-1998 arasında Öğretim Görevlisi olarak çalıştım. 1998 yılında aynı üniversitenin Fen-Edebiyat Fakültesi Matematik Bölümüne Araştırma Görevlisi olarak geçiş yaptım. 1998-2001 arasında Araştırma Görevlisi ve 2001-2003 arasında da Araştırma Görevlisi Dr. ünvanı ile görevime devam ettim. 2003 yılında Yardımcı Doçent oldum ve 14 yıl boyunca bu ünvanla üniversite içi ve dışında çeşitli dersler verdim. 17 Ekim 2017 tarihinde doçent unvanını aldım. 08.03.2023 tarihinde de profesörlük kadrosuna atanmış bulunmaktayım.*

## Education Information

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- I. Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Mathematics Engineering, Turkey 1995 - 2001
- II. Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Mathematics Engineering, Turkey 1990 - 1994
- III. Undergraduate, Istanbul University, Faculty Of Science, Department Of Mathematics, Turkey 1986 - 1990

## Foreign Languages

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- I. English, B1 Intermediate

## Dissertations

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- I. Doctorate, Weyl manifolds with Semi-symmetric connection, Istanbul Technical University, Fen Bilimleri Enstitüsü, Mathematics Engineering, 2001
- II. Postgraduate, Chebyshev nets on Weyl Hypersurfaces, Istanbul Technical University, Fen Bilimleri Enstitüsü, Mathematics Engineering, 1994

## Research Areas

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Natural Sciences

## Academic Titles / Tasks

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- I. Professor, Marmara University, Faculty of Sciences, Department of Mathematics, 2023 - Continues
- II. Associate Professor, Marmara University, Faculty of Arts and Sciences, Mathematics, 2017 - 2023
- III. Assistant Professor, Marmara University, Faculty of Arts and Sciences, Mathematics, 2003 - 2017
- IV. Research Assistant PhD, Marmara University, Faculty of Arts and Sciences, Mathematics, 2001 - 2003
- V. Research Assistant, Marmara University, Faculty of Arts and Sciences, Mathematics, 1998 - 2001
- VI. Lecturer, Marmara University, Ataturk Faculty of Education, Mathematics and Science Education, 1994 - 1998
- VII. Research Assistant, Marmara University, Ataturk Faculty of Education, Mathematics and Science Education, 1992 - 1994

## Academic and Administrative Experience

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- I. Birim Tanıtım ve Mezunlarla İlişkiler Komisyonu Üyesi, Marmara University, Faculty of Arts and Sciences, Mathematics, 2022 - Continues
- II. Farabi Program Department Coordinator, Marmara University, Faculty Of Arts And Sciences, Mathematics, 2012 - Continues
- III. Marmara University, Faculty of Arts and Sciences, Mathematics, 2017 - 2018
- IV. Fakülte Kurulu Üyesi, Marmara University, Faculty of Arts and Sciences, 2015 - 2018
- V. Marmara University, Faculty of Arts and Sciences, Mathematics, 2015 - 2016
- VI. Marmara University, Faculty of Arts and Sciences, Mathematics, 2013 - 2015

## Courses

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- I. Diferansiyel Geometri I, Undergraduate, 2020 - 2021
- II. Riemann Geometrisi, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
- III. Diferansiyel Denklemler (Teknoloji Fak.), Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
- IV. Matematik I (FEF/Kimya), Undergraduate, 2018 - 2019, 2017 - 2018
- V. Matematik II (FEF/Kimya), Undergraduate, 2017 - 2018
- VI. Diferansiyel Geometri (Mat. Öğretmenliği), Undergraduate, 2016 - 2017
- VII. Analiz I, Undergraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010
- VIII. Calculus II (Chemical Eng.), Undergraduate, 2011 - 2012, 2010 - 2011
- IX. Diferansiyel Denklemler II (Mat. Öğretmenliği), Undergraduate, 2011 - 2012, 2010 - 2011
- X. Diferansiyel Denklemler I (Mat. Öğretmenliği), Undergraduate, 2011 - 2012, 2010 - 2011
- XI. Calculus I (Chemical Engineering), Undergraduate, 2011 - 2012, 2010 - 2011
- XII. Differential Equations (Chemical Eng.), Undergraduate, 2010 - 2011
- XIII. Analiz II (Mat. Öğretmenliği), Undergraduate, 2010 - 2011
- XIV. Analiz I (Mat. Öğretmenliği), Undergraduate, 2010 - 2011
- XV. Matematik II (FEF/İstatistik), Undergraduate, 2009 - 2010
- XVI. Matematik II, Undergraduate, 2009 - 2010
- XVII. Calculus II (Economics), Undergraduate, 2008 - 2009
- XVIII. Matematik I (FEF/İstatistik), Undergraduate, 2009 - 2010
- XIX. Calculus I (Economics), Undergraduate, 2008 - 2009

## Advising Theses

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- I. Nurcan A. F., Jana S. K., Değişik Tipteki Yarı Einstein-Weyl Manifolddları Üzerine Bir Çalışma, Doctorate,

L.ÖZÇELİKMAN(Student), Continues

- II. Nurcan A. F., Riemannian manifold with a semi-symmetric recurrent metric connection, Postgraduate, Ş.ERCAN(Student), 2011

## Jury Memberships

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- I. Associate Professor Exam, Associate Professor Exam, ÜAK, December, 2024
- II. Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, İstanbul Bilgi Üniversitesi, April, 2024
- III. Doctorate, Doctorate, Marmara Üniversitesi, December, 2022
- IV. Post Graduate, Post Graduate, Marmara Üniversitesi, January, 2021
- V. Post Graduate, Post Graduate, Marmara Üniversitesi, January, 2020
- VI. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Marmara Üniversitesi, December, 2019
- VII. Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Marmara Üniversitesi, October, 2017

## Designed Lessons

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- I. Nurcan A. F., Lorentz-Minkowski Uzayında Eğriler ve Yüzeyle Teorisi, Postgraduate, 2024 - 2025
- II. Nurcan A. F., Hareket Geometrisine Giriş, Postgraduate, 2024 - 2025
- III. Nurcan A. F., Dönüşümler ve Geometrilere Giriş, Undergraduate, 2021 - 2022
- IV. Nurcan A. F., Dönüşümler ve Geometrilere Giriş, Undergraduate, 2021 - 2022
- V. Nurcan A. F., Hiperbolik Geometri, Undergraduate, 2021 - 2022
- VI. Nurcan A. F., Işıkbenzeri Altmanifoldlardan Seçme Konular, Doctorate, 2021 - 2022
- VII. Nurcan A. F., Riemann Geometrisi ve Tensör Hesabı, Postgraduate, 2017 - 2018
- VIII. Nurcan A. F., Riemannian Geometry, Undergraduate, 2017 - 2018
- IX. Nurcan A. F., Riemann Olmayan Geometrilere Giriş, Postgraduate, 2011 - 2012

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

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- I. **On the existence of an almost generalized weakly-symmetric Sasakian manifold admitting quarter symmetric metric connection**  
Baishya K. K., Nurcan F., Jana S. K.  
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.13, no.1, pp.941-946, 2019 (SCI-Expanded)
- II. **On Pseudo-Petrov Symmetric Riemannian Manifolds**  
Jana S. K., NURCAN A. F., Debnath A. K., Sengupta J.  
ADVANCES IN MATHEMATICAL PHYSICS, 2016 (SCI-Expanded)

## Articles Published in Other Journals

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- I. **Certain Curvature Conditions on Riemannian Manifolds Admitting the Space Matter Tensor**  
Nurcan A. F., Jana S., Biswas B.  
PUBLICATIONS DE L'INSTITUT MATHÉMATIQUE, vol.116, pp.97-111, 2024 (ESCI)
- II. **On Quasi-Einstein Manifolds Admitting Space-Matter Tensor**  
Debnath A. K., Jana S. K., Nurcan A. F., Sengupta J.

- Conference Proceedings of Science and Technology, no.2, pp.104-109, 2019 (Peer-Reviewed Journal)
- III. **Some Applications of the Conircular Mappings on the Weyl manifolds**  
Nurcan A. F.  
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.12, no.2, pp.788-795, 2019 (Peer-Reviewed Journal)
- IV. **QUASI CONFORMALLY SYMMETRIC WEYL MANIFOLDS**  
NURCAN A. F.  
International Journal of Pure and Applied Mathematics, vol.105, pp.415-425, 2015 (Peer-Reviewed Journal)
- V. **A survey on different types of generalized recurrency on the weyl manifold**  
Baştan F. N.  
MARMARA UNIVERSITY JOURNAL OF SCIENCE, vol.4, pp.192-201, 2013 (Peer-Reviewed Journal)
- VI. **Weyl Manifolds with Semi Symmetric Connection**  
Ünal A. F., Uysal S. A.  
Mathematical and Computational Applications, vol.10, pp.351-358, 2005 (Scopus)
- VII. **Generalized metrically Chebyshev and equidistant nets in a Weyl hypersurface**  
Özdeğer A., Uysal S. A., Nurcan A. F.  
Tver State University Webs and Quazigroups, vol.1, pp.89-93, 1997 (Peer-Reviewed Journal)

## Books & Book Chapters

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- I. **Quasi Conformally Flat Quasi Einstein Weyl Manifolds**  
Nurcan A. F.  
in: Manifolds-Recent Developments and Applications, Prof. Paul Bracken, Editor, Intechopen, Zagreb, pp.1-17, 2022
- II. **A Panoramic View of Weyl Geometry**  
NURCAN A. F.  
LAP Lambert Akademiic Publishing, 2021
- III. **Weyl Geometrisine Panoramik Bir Bakış**  
NURCAN A. F.  
Türkiye Alim Kitabevi, 2015

## Refereed Congress / Symposium Publications in Proceedings

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- I. **Yarı Einstein-Weyl Manifoldları Üzerine**  
NURCAN A. F.  
35. Ulusal Matematik Sempozyumu, Edirne, Turkey, 4 - 08 September 2023
- II. **Quasi-Einstein Manifolds with Space-Matter Tensor**  
Nurcan A. F., Debnath A. K., Jana S. K., Sengupta J.  
17.Uluslararası Geometri Sempozyumu, Erzincan, Turkey, 19 - 22 June 2019
- III. **Weyl Manifoldlarında Conircular Tasvirlerin Bazı Uygulamaları**  
Nurcan A. F.  
31. Ulusal Matematik Sempozyumu, Erzincan, Turkey, 12 - 15 September 2018
- IV. **A Necessary and Sufficient Condition on the Weyl Manifolds admitting a semi symmetric non metric connection to be S Conircular**  
Baştan F. N.  
12.Ulusal Geometri Sempozyumu, Bilecik, Turkey, 23 - 26 June 2014

## Activities in Scientific Journals

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- I. Mathematics Letters, Publication Committee Member, 2018 - 2021
- II. Eurasian Bulletin of Mathematics, Assistant Editor/Section Editor, 2018 - 2020

## Memberships / Tasks in Scientific Organizations

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- I. Türk Matematik Derneği, Member, 2023 - Continues, Turkey
- II. Türk Kadın Matematikçiler Derneği, Member, 2014 - Continues, Turkey

## Scientific Refereeing

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- I. Project Supported by Higher Education Institutions, BAP Research Project, Istanbul University, Turkey, May 2022
- II. Conference Proceedings and Science Technology, Other Indexed Journal, August 2020
- III. Eurasian Bulletin Mathematics, Other Indexed Journal, April 2020
- IV. Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, December 2019
- V. conference Proceeding of Science and Technology, Other Indexed Journal, October 2019
- VI. Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, March 2019
- VII. Eurasian Bulletin of Mathematics, Other Indexed Journal, March 2019
- VIII. Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, August 2018
- IX. International Balkan Journal of Mathematics, Other Indexed Journal, May 2018
- X. Asian Journal of Mathematics and Computer Research, Other Indexed Journal, January 2017

## Tasks In Event Organizations

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- I. Nurcan A. F., 11th INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, Scientific Congress, İstanbul, Turkey, Eylül 2022
- II. Nurcan A. F., 3. Marmara Matematik Günleri, Scientific Congress, İstanbul, Turkey, Eylül 2017
- III. Nurcan A. F., 2.Marmara Matematik Günleri, Scientific Congress, İstanbul, Turkey, Ekim 2016

## Metrics

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Publication: 16  
Citation (WoS): 1  
Citation (Scopus): 4  
H-Index (WoS): 1  
H-Index (Scopus): 1

## Awards

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- I. Nurcan A. F., Bölüm Birinciliği, İstanbul Üniversitesi, June 1990

## Coaching Duties

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## Refereeing Duties

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## Non Academic Experience

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- I. Dođuř Üniversitesi
- II. Kadir Has Üniversitesi
- III. Yeditepe Üniversitesi