

## Assoc. Prof. NESLİHAN UYANIK

### Personal Information

**Email:** nuyanik@anadolu.edu.tr

**Web:** <https://avesis.anadolu.edu.tr/nuyanik>

### International Researcher IDs

ORCID: 0000-0003-1037-8843

Yoksis Researcher ID: 110824

### Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Analiz Ve Fonksiyonlar Teorisi (Dr), Turkey 2003 - 2011

### Dissertations

Doctorate, Analitik fonksiyonların bazı alt sınıfları için katsayı tahminleri, Ataturk University, Fen Bilimleri Enstitüsü, Analiz Ve Fonksiyonlar Teorisi (Dr), 2011

### Academic Titles / Tasks

Associate Professor, Anadolu University, EĞİTİM FAKÜLTESİ, MATEMATİK VE FEN BİLİMLERİ EĞİTİMİ BÖLÜMÜ, 2020 - Continues

### Courses

#### Postgraduate

Dönem Projesi, Postgraduate, 2020 - 2021

Dönem Projesi, Postgraduate, 2019 - 2020

#### Undergraduate

İLKOKULDA TEMEL MATEMATİK, Undergraduate, 2020 - 2021

OKUL DENEYİMİ, Undergraduate, 2020 - 2021

Analiz I, Undergraduate, 2020 - 2021

Bilişim ve Matematik, Undergraduate, 2019 - 2020

İlkokulda Temel Matematik, Undergraduate, 2019 - 2020

Okul Deneyimi, Undergraduate, 2019 - 2020

Topluma Hizmet Uygulamaları, Undergraduate, 2019 - 2020

Soyut Matematik, Undergraduate, 2019 - 2020

Öğretmenlik Uygulaması, Undergraduate, 2019 - 2020, 2017 - 2018, 2016 - 2017

Fonksiyonel analiz, Undergraduate, 2018 - 2019

Vektörel Analiz, Undergraduate, 2018 - 2019

Analiz I, Undergraduate, 2018 - 2019

Genel Matematik, Undergraduate, 2018 - 2019

Kompleks Fonksiyonlar Teorisi -I, Undergraduate, 2016 - 2017

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

- I. **Wirtinger-type inequalities for Caputo fractional derivatives via Taylor's formula**  
Erden S., SARIKAYA M. Z., Ozdemir B. G., UYANIK N.  
JOURNAL OF INEQUALITIES AND APPLICATIONS, vol.2024, no.1, 2024 (SCI-Expanded)
- II. **Invariant Solutions and Conservation Laws of the Time-Fractional Telegraph Equation**  
Najafi R., Celik E., UYANIK N.  
ADVANCES IN MATHEMATICAL PHYSICS, 2023 (SCI-Expanded)
- III. **COEFFICIENTS BOUNDS FOR A SUBCLASS OF BI-UNIVALENT FUNCTIONS DEFINED BY AL-OBOUDI DIFFERENTIAL OPERATOR**  
UYANIK N., Gokkurt Ozdemir O.  
THERMAL SCIENCE, vol.26, 2022 (SCI-Expanded)
- IV. **Some applications of fractional calculus for analytic functions**  
UYANIK N., Owa S.  
TURKISH JOURNAL OF MATHEMATICS, vol.45, no.5, pp.2025-2034, 2021 (SCI-Expanded)
- V. **Fekete-Szego problem for a general subclass of analytic functions**  
UYANIK N.  
TURKISH JOURNAL OF MATHEMATICS, vol.43, no.5, pp.2568-2577, 2019 (SCI-Expanded)

## Articles Published in Other Journals

- I. **A note on univalence for analytic function**  
UYANIK N., Owa S.  
ADVANCES IN MATHEMATICS: SCIENTIFIC JOURNAL, 2018 (Peer-Reviewed Journal)
- II. **On the algebraic properties of the univalent functions in class S**  
YILDIZ İ., ŞAHİN H., UYANIK N.  
New Trends in Mathematical Science, vol.3, no.5, pp.293-298, 2017 (Peer-Reviewed Journal)
- III. **Extremal functions for starlike functions and convex functions**  
YILDIZ İ., MERT O., UYANIK N., ZORLU N.  
New Trends in Mathematical Science, vol.2, no.5, pp.199-203, 2017 (Peer-Reviewed Journal)
- IV. **A New Application of Miller and Mocanu Lemma**  
UYANIK N.  
İğdir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 2017 (Peer-Reviewed Journal)
- V. **Coefficient problems for certain analytic functions related to some differential operators**  
UYANIK N., Owa S.  
Analele Universitatii Orestei Facs. Matematica, 2015 (Peer-Reviewed Journal)
- VI. **A note for the length by certain starlike mappings**  
Nunokawa M., UYANIK N., Owa S.  
Revue Roumaine de Mathematiques Pures et Appliquees, vol.58, no.1, pp.1-7, 2013 (ESCI)
- VII. **Univalence of analytic functions associated with schwarzian derivative**  
Nunokawa M., UYANIK N., Owa S.  
Acta Universitatis Apulensis, 2012 (Peer-Reviewed Journal)
- VIII. **New condition for univalence of certain analytic functions**  
Nunokawa M., UYANIK N., Owa S., Saitoh H., Srivastava H. M.  
JOURNAL OF THE INDIAN MATHEMATICAL SOCIETY, 2012 (Peer-Reviewed Journal)
- IX. **Some conditions for strongly starlikeness of certain analytic functions**  
Nunokawa M., Owa S., Toshio H., Kuroki K., UYANIK N.  
International Mathematical Forum, 2011 (Peer-Reviewed Journal)
- X. **Note on radius problems for certain class of analytic functions**  
UYANIK N., Owa S.

- FRACTIONAL CALCULUS AND APPLIED ANALYSIS, 2010 (Peer-Reviewed Journal)
- XI. **On another proof of Ozaki's theorem and a sufficient condition for univalence**  
Nunokawa M., Toshio H., UYANIK N., Owa S., Darus M., Cho N. E.  
Rims Kokyuroku, pp.95-99, 2010 (Peer-Reviewed Journal)
- XII. **Properties of neighborhoods of certain analytic functions**  
UYANIK N., Pashkouleva D., Owa S.  
MATHEMATICAL SCIENCES RESEARCH JOURNAL, vol.14, pp.10-19, 2010 (Scopus)
- XIII. **Matematik Öğretmenliğinde Kavram Haritaları**  
UYANIK N., YILDIZ İ.  
Abant İzzet Baysal Üniversitesi Eğitim Fakültesi Dergisi, 2006 (Peer-Reviewed Journal)
- XIV. **On the elliptic function arising from the theta functions and Dedekind s function**  
YILDIZ İ., UYANIK N.  
JOURNAL OF MATHEMATICS AND STATISTICS, 2005 (Peer-Reviewed Journal)
- XV. **On the relations among characteristic functions of theta functions**  
YILDIZ İ., UYANIK N.  
JOURNAL OF MATHEMATICS AND STATISTICS, 2005 (Peer-Reviewed Journal)
- XVI. **Matematik eğitiminde ölçme-değerlendirme üzerine**  
YILDIZ İ., UYANIK N.  
Gazi Üniversitesi Kastamonu Eğitim Dergisi, vol.12, pp.97-104, 2004 (Peer-Reviewed Journal)
- XVII. **Günümüz matematik öğretimi ve yakın çevre etkileri**  
YILDIZ İ., UYANIK N.  
Gazi Üniversitesi Kastamonu Eğitim Dergisi, vol.12, pp.437-442, 2004 (Peer-Reviewed Journal)
- XVIII. **Lise öğrencilerinin matematiğe karşı tutumları**  
YILDIZ İ., UYANIK N.  
Abant İzzet Baysal Üniversitesi Eğitim Fakültesi Dergisi, vol.4, pp.43-51, 2004 (Peer-Reviewed Journal)
- XIX. **İlköğretim matematik eğitim ve öğretiminde başarıyı etkileyen etmenler**  
YILDIZ İ., UYANIK N., Yıldız A. H.  
YAŞADIKÇA EĞİTİM, 2003 (Peer-Reviewed Journal)
- XX. **Lise öğrencilerinde matematik kaygısı**  
ILGAR M. Z., UYANIK N., YILDIZ İ.  
Atatürk Üniversitesi Kazım Karabekir Eğitim Fakültesi Dergisi, no.7, pp.151-157, 2003 (Peer-Reviewed Journal)

## Papers Published in Refereed Scientific Meetings

- I. **On close-to-convexity of normalized analytic functions**  
YILDIZ İ., AKYAR A., MERT O., UYANIK N.  
International conference on mathematics, 3 - 06 July 2018
- II. **On sufficient condition for starlikeness of confluent hypergeometric functions**  
YILDIZ İ., AKYAR A., MERT O., UYANIK N.  
ICOMAA-2018 International conference on mathematical advances and applications, 11 - 13 May 2018
- III. **on the relation between alpha grade convex and starlike functions**  
YILDIZ İ., MERT O., AKYAR A., UYANIK N.  
4th International Conference on Pure and Applied Sciences, 23 - 25 November 2017
- IV. **On relation between analytic and univalent functions defined by close-to P class with the function belonging to S class**  
YILDIZ İ., UYANIK N., albayrak h., ay h.  
AIP Conference Proceedings, 2 - 05 October 2017
- V. **on the elliptic function established by generalized theta functions**  
YILDIZ İ., MERT O., UYANIK N., albayrak h.  
INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING, 3 - 07 July 2017

- VI. **Strongly starlikeness and strongly close-to-convexity associated with Ozaki and Nunokawa Lemma**  
UYANIK N., Owa S.  
2. International Symposium of Geometric Function Theory and Applications, GFTA 2011, 4 - 08 September 2011
- VII. **Extensions for classes of analytic functions associated with close-to-convex and starlike of order**  
UYANIK N., Owa S.  
3. Geometric Function Theory and Applications "2010" International Symposium GFTA 2010, Sofija, Bulgaria, 27 - 31 August 2010
- VIII. **Subclasses of analytic functions associated with a differential operator**  
UYANIK N., KADIOĞLU E.  
International Congress in Honour of Professor H.M. Srivastava on his 70 th Birth Anniversary at Uludağ University, 18 - 21 August 2010
- IX. **Günümüz matematik öğretimi ve yakın çevre etkileri**  
ÜSTÜN A., YILDIZ İ., UYANIK N.  
XI. Eğitim bilimleri kongresi, Lefkoşa, Cyprus (Kkct), 23 - 26 October 2002
- X. **Lise Öğrencilerinde Matematik Kaygısı**  
YILDIZ İ., ILGAR M. Z., UYANIK N.  
IV. Fen bilimleri eğitimi kongresi 2000, Turkey, 6 - 08 September 2000
- XI. **İlköğretim okulu öğretmenlerinin matematik öğretimi alanındaki öz yeterlik algılarına ilişkin bir çalışma**  
YILDIZ İ., ILGAR M. Z., UYANIK N.  
II. Ulusal öğretmen yetiştirme sempozyumu, Çanakkale, Turkey, 10 - 12 May 2000