

# Arş. Gör. Dr. ORHAN OĞULCAN TUNCER

## Kişisel Bilgiler

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### Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: ABE-4393-2021

ScopusID: 57191073757

Yoksis Araştırmacı ID: 267164

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Singularities of focal sets of pseudo-spherical framed immersions in the three-dimensional anti-de Sitter space**  
TUNCER O. O.  
DIFFERENTIAL GEOMETRY AND ITS APPLICATIONS, 2024 (SCI-Expanded)
- II. **Basic hypergeometric formulas and identities for negative degree q-Bernstein bases**  
TUNCER O. O., Simeonov P., Goldman R.  
Filomat, cilt.38, sa.8, ss.2941-2948, 2024 (SCI-Expanded)
- III. **On the uniqueness of the multirational blossom**  
TUNCER O. O., Simeonov P., Goldman R.  
Computer Aided Geometric Design, cilt.107, 2023 (SCI-Expanded)
- IV. **On (contra)pedals and (anti)orthotomics of frontals in de Sitter 2-space**  
Li Y., TUNCER O. O.  
Mathematical Methods in the Applied Sciences, cilt.46, sa.9, ss.11157-11171, 2023 (SCI-Expanded)
- V. **Hyperbolic caustics of light rays reflected by hyperbolic front mirrors**  
TUNCER O. O., GÖK İ.  
European Physical Journal Plus, cilt.138, sa.3, 2023 (SCI-Expanded)
- VI. **Symmetrization of the product of Hermitian operators**  
YURDUŞEN İ., TUNCER O. O.  
COMPUTER PHYSICS COMMUNICATIONS, cilt.274, 2022 (SCI-Expanded)
- VII. **Generalized tubes in pseudo-Galilean 3-space: Split semi-quaternionic representations and an application to magnetic flux tubes**  
TUNCER O. O.  
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, cilt.45, sa.3, ss.1468-1487, 2022 (SCI-Expanded)
- VIII. **Kinematic equations of Lorentzian magnetic flux tubes based on split quaternion algebra**  
ÖZDEMİR Z., TUNCER O. O., GÖK İ.  
EUROPEAN PHYSICAL JOURNAL PLUS, cilt.136, sa.9, 2021 (SCI-Expanded)
- IX. **Superintegrable systems with spin and second-order tensor and pseudo-tensor integrals of motion**  
YURDUŞEN İ., TUNCER O. O., Winternitz P.  
JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL, cilt.54, sa.30, 2021 (SCI-Expanded)
- X. **Notes on pedal and contrapedal curves of fronts in the Euclidean plane**  
TUNCER O. O., Ceyhan H., GÖK İ., Ekmekci F. N.  
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, cilt.41, sa.13, ss.5096-5111, 2018 (SCI-Expanded)
- XI. **Circular Surfaces with Split Quaternionic Representations in Minkowski 3-space**

- TUNCER O. O., Canakci Z., GÖK İ., Yayh Y.  
ADVANCES IN APPLIED CLIFFORD ALGEBRAS, cilt.28, sa.3, 2018 (SCI-Expanded)
- XII. **Some new types of associated curves in Euclidean 3-space**  
Ozdogan S., TUNCER O. O., GÖK İ., YAYLI Y.  
ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIU CONSTANTA-SERIA MATEMATICA, cilt.26, sa.1, ss.205-221, 2018 (SCI-Expanded)
- XIII. **A New Representation of Canal Surfaces with Split Quaternions in Minkowski 3-Space**  
Kocakusakli E., Tuncer O. O., Gok I., Yayli Y.  
ADVANCES IN APPLIED CLIFFORD ALGEBRAS, cilt.27, sa.2, ss.1387-1409, 2017 (SCI-Expanded)

## **Düğü Dergilerde Yayınlanan Makaleler**

- I. **Pedal curves of hyperbolic frontals and their singularities**  
TUNCER O. O., GÖK İ.  
JOURNAL OF GEOMETRY, sa.3, 2024 (ESCI)
- II. **The construction of circular surfaces with quaternions**  
Canakci Z., TUNCER O. O., GÖK İ., YAYLI Y.  
ASIAN-EUROPEAN JOURNAL OF MATHEMATICS, cilt.12, sa.7, 2019 (ESCI)

## **Bilimsel Hakemlikler**

- MATHEMATICAL METHODS IN THE APPLIED SCIENCES, SCI Kapsamındaki Dergi, Ocak 2021  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, SCI Kapsamındaki Dergi, Temmuz 2019  
MEDITERRANEAN JOURNAL OF MATHEMATICS, SCI Kapsamındaki Dergi, Ocak 2019  
Applied Mathematics E-notes, ESCI Kapsamındaki Dergi, Aralık 2018  
Commun. Fac. Sci. Univ. Ank. Ser. A1: Mathematics and Statistics, ESCI Kapsamındaki Dergi, Ekim 2018  
Commun. Fac. Sci. Univ. Ank. Ser. A1: Mathematics And Statistics, ESCI Kapsamındaki Dergi, Aralık 2017

## **Metrikler**

- Yayın: 15  
Atıf (WoS): 48  
Atıf (Scopus): 85  
H-İndeks (WoS): 4  
H-İndeks (Scopus): 6

## **Burslar**

2211/A Genel Yurt İçi Doktora Burs Programı, TÜBİTAK, 2016 - 2020