

Res. Asst. PhD BURÇİN SALTİK BAEK

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AFB-4077-2022

Yoksis Researcher ID: 257910

Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Turkey 2017 - 2023

Postgraduate, Ege University, Fen Bilimleri Enstitüsü, --, Turkey 2013 - 2017

Undergraduate, Ege University, Faculty Of Science, Matematik, Turkey 2009 - 2013

Foreign Languages

English, B2 Upper Intermediate

Korean, A2 Elementary

Dissertations

Doctorate, Sabit torsiyonlu bir eğri tarafından üretilen eğriler ve yüzeyler, Erciyes University, Fen Bilimleri Enstitüsü, 2023

Postgraduate, THE ADDITIVE SUBGROUPS GENERATED BY A POLYNOMIAL, Ege University, Graduate School of Natural and Applied Sciences, Mathematics, 2017

Research Areas

Mathematics, Differential Geometry, Natural Sciences

Academic Titles / Tasks

Research Assistant PhD, Erciyes University, Fen Bilimleri Enstitüsü, -, 2016 - Continues

Courses

Analitik Geometri, Undergraduate, 2024 - 2025, 2023 - 2024

Temel Matematik, Undergraduate, 2024 - 2025, 2023 - 2024

Analitik Geometri, Undergraduate, 2023 - 2024

Analitik Geometri II, Undergraduate, 2023 - 2024

Analitik Geometri, Undergraduate, 2024 - 2025, 2023 - 2024

Analitik Geometri II, Undergraduate, 2023 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **On inextensible ruled surfaces generated via a curve derived from a curve with constant torsion**
Yüksel N., Saltık B.
AIMS MATHEMATICS, vol.8, no.5, pp.11312-11324, 2023 (SCI-Expanded)

Articles Published in Other Journals

- I. **The Characterizations of the Curve Generated by a Curve with Constant Torsion**
Yüksel N., Saltık B., Karacan M. K.
Konuralp Journal of Mathematics, vol.11, no.1, pp.1-7, 2023 (Peer-Reviewed Journal)
- II. **Parallel curves in Minkowski 3-space**
Yüksel N., Saltık B., Damar E.
Gumushane University Journal of Science, vol.12, no.2, pp.480-486, 2022 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **CHARACTERIZATIONS OF SPECIAL RULED SURFACES IN \mathbb{R}^1**
Damar E., Yüksel N., Saltık B.
in: Matematik Çalışmaları, Doç.Dr. Ahmet KAZAN, Editor, YAZ Yayınları, Afyonkarahisar, pp.69-86, 2024

Refereed Congress / Symposium Publications in Proceedings

- I. **Some ruled surfaces according to the modified orthogonal frame**
Saltık B., Damar E., Oğraş N., Yüksel N.
20th International Geometry Symposium in Honour of Prof. Dr. H. Hilmi Hacısalihoğlu, Van, Turkey, 18 - 20 July 2024, pp.58
- II. **DNA Curve with Conformal Fractional Derivative**
Saltık B.
3rd ICSAR 2023, Konya, Turkey, 25 - 26 December 2023, pp.787-789
- III. **Translation Surfaces Generated by the Adjoint Curve in 3-dimensional Euclidean Space**
Saltık B., Yüksel N.
7th INTERNATIONAL CONFERENCE OF MATHEMATICAL SCIENCES ICMS 2023, İstanbul, Turkey, 5 - 09 July 2023, pp.86
- IV. **Ruled surface of the curve generated by a curve with constant torsion**
Saltık B., Yüksel N., Karacan M. K.
19th INTERNATIONAL GEOMETRY SYMPOSIUM, Edirne, Turkey, 27 - 30 June 2022, pp.50
- V. **SPHERICAL INDICATRIX CURVES OF ANT'I-SALKOWSKI CURVE IN 3-DIMENSIONAL MINKOWSKI SPACE**
Yüksel N., Damar E., Saltık B.
19th International Geometry Symposium, Edirne, Turkey, 27 - 30 June 2022, pp.102
- VI. **SPHERICAL IMAGES OF SALKOWSKI CURVES WHICH HAS A SPACE-LIKE PRINCIPAL NORMAL IN 3-DIMENSIONAL MINKOWSKI SPACE**
Saltık B., Yüksel N., Damar E.
2.INTERNATIONAL MARMARA SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, İstanbul, Turkey, 19 - 20

April 2022, pp.830-836

VII. The Curves Generated By Curves With Constant Curvature

Saltık B., Yüksel N., Karacan M. K.

5th INTERNATIONAL CONFERENCE OF MATHEMATICAL SCIENCES ICMS 2021, İstanbul, Turkey, 23 - 27 June 2021, pp.134

VIII. Right Conoid in Euclidean 3-Space

KARACAN M. K., YÜKSEL N., TUNCER Y., SALTİK B.

XVI. Uluslararası Geometri Sempozyum, Manisa, Turkey, 4 - 07 July 2018, pp.250

Scientific Refereeing

Journal of New Theory, National Scientific Refreed Journal, February 2024

Mobility Activity

Erasmus Programme, Get Education, Valencia University, Spain, 2023 - 2023

Metrics

Publication: 12

H-Index (WoS): 1

Congress and Symposium Activities

19. International Geometry Symposium, Attendee, Edirne, Turkey, 2022

16. International Geometry Symposium, Attendee, Manisa, Turkey, 2018

Antalya Cebir Günleri XVII, Audience, İzmir, Turkey, 2015

3rd Workshop on Rings, Modules and Algebras, Audience, İzmir, Turkey, 2014