

Asst. Prof. EMRE ÖZTÜRK

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 2013 - 2017

Postgraduate, Eskisehir Osmangazi University, Fen Fakültesi, Matematik Ve Bilgisayar Bilimleri Bölümü, Turkey 2009 - 2012

Undergraduate, Gazi University, Gazi Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi, Turkey 2001 - 2007

Foreign Languages

English

Dissertations

Doctorate, W-eğrilerinin geometrik uygulamaları, Ankara University, Fen Fakültesi, Matematik Bölümü, 2017

Postgraduate, Surfaces and Submanifolds with simple geodesics in Euclidean Space, Eskisehir Osmangazi University, Fen Fakültesi, Matematik Ve Bilgisayar Bilimleri Bölümü, 2012

Research Areas

Mathematics

Academic Titles / Tasks

Assistant Professor, Hatay Mustafa Kemal University, İktisadi Ve İdari Bilimler Fakültesi, Yönetim Bilişim Sistemleri, 2023

- Continues

Articles Published in Other Journals

1. Darboux Frame of Pancake Curve in Euclidean 3-Space
ÖZTÜRK E.

Cumhuriyet Science Journal, vol.45, no.3, pp.571-577, 2024 (Peer-Reviewed Journal)

- II. **A nonlinear transformation between space curves defined by curvature-torsion relations in 3-dimensional Euclidean space**
ÖZTÜRK E.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.72, no.2, pp.307-330, 2023 (ESCI)
- III. **ISOMETRIC IMMERSIONS IN 3-DIMENSIONAL EUCLIDEAN SPACE**
ÖZTÜRK E.
Eskişehir Teknik Üniversitesi Bilim ve Teknoloji Dergisi b- Teorik Bilimler, vol.9, no.1, pp.20-24, 2021 (Peer-Reviewed Journal)
- IV. **Mannheim Curves in 3-Dimensional Euclidean Space**
ÖZTÜRK E.
International Scientific and Vocational Studies Journal, vol.4, no.2, pp.86-89, 2020 (Peer-Reviewed Journal)
- V. **Geometric Elements of Constant Precession Curve**
ÖZTÜRK E.
Hagia Sophia Journal of Geometry, vol.2, no.2, pp.48-55, 2020 (Peer-Reviewed Journal)
- VI. **Gauss Map and Local Approach of Isoparametric Surfaces in Lorentz and Euclidean Space**
ÖZTÜRK E.
Fundamental journal of mathematics and applications (Online), vol.3, no.1, pp.17-24, 2020 (Peer-Reviewed Journal)
- VII. **Chord Properties of Some Special Curves in Euclidean Space**
ÖZTÜRK E., YAYLI Y.
Turkish Journal of Mathematics and Computer Science, vol.12, no.1, pp.39-44, 2020 (Peer-Reviewed Journal)
- VIII. **Application of Matrix Methods On W-Curves**
ÖZTÜRK E.
INTERNATIONAL ELECTRONIC JOURNAL OF GEOMETRY, vol.13, no.1, pp.9-16, 2020 (ESCI)
- IX. **Elementary Approachs on De Sitter Space**
ÖZTÜRK E., YAYLI Y.
Mathematical Sciences and Applications E-Notes, vol.7, no.2, pp.183-190, 2019 (Peer-Reviewed Journal)
- X. **W-Curves in Lorentz-Minkowski Space**
ÖZTÜRK E., YAYLI Y.
Mathematical Sciences and Applications E-Notes, vol.5, no.2, pp.76-88, 2017 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Iterations of Euler Totient Function**
ÖZTÜRK E.
in: Current Debates on Natural and Engineering Sciences 9, , Editor, Bilgin Kültür Sanat Yayınları, Ankara, pp.31-38, 2023
- II. **AYT Matematik Soru Bankası**
ÖZTÜRK E.
Liman Yayınevi, Ankara, 2022
- III. **On Arithmetic Functions**
ÖZTÜRK E.
in: Current Debates on Natural and Engineering Sciences 3, , Editor, Bilgin Kültür Sanat Yayınları, Ankara, pp.60-65, 2022
- IV. **Çözümlü Problemlerle Diferensiyel Geometri**
ÖZTÜRK E.
Liman Yayınevi, Ankara, 2020

Refereed Congress / Symposium Publications in Proceedings

- I. **Invariants of a nonlinear transformation and osculating helix**
ÖZTÜRK E.
19th International Geometry Symposium, Edirne, Turkey, 27 - 30 June 2022
- II. **Visualizations of Mobius transformations via the Lambert azimuthal projection**
ÖZTÜRK E.
19th International Geometry Symposium, Edirne, Turkey, 27 - 30 June 2022
- III. **Nonlinear Transformations in 3-dimensional Euclidean Space**
ÖZTÜRK E.
ICENSS International Congress of Engineering and Natural Sciences Studies, Ankara, Turkey, 7 - 09 May 2021
- IV. **Notes On Constant Precession Curve**
ÖZTÜRK E.
17th International Geometry Symposium, Erzincan, Turkey, 19 June 2019, pp.34
- V. **Öklid ve Lorenz Uzayında İzoparametrik Yüzeyler**
ÖZTÜRK E.
32. ULUSAL MATEMATİK SEMPOZYUMU, Samsun, Turkey, 31 August - 03 September 2019
- VI. **Sabit Eğrilikli Eğrilerin Elde Edilmesinde Antisimetrik Matrislerin Kullanımı**
ÖZTÜRK E.
32. ULUSAL MATEMATİK SEMPOZYUMU, Samsun, Turkey, 31 August - 03 September 2019
- VII. **A CHARACTERIZATION OF THE DE SITTER SPACE**
ÖZTÜRK E., YAYLI Y.
17th International Geometry Symposium, Erzincan, Turkey, 19 - 22 June 2019, pp.52
- VIII. **C-curves In Minkowski space**
ÖZTÜRK E., YAYLI Y.
14th International Geometry Symposium, Denizli, Turkey, 25 - 28 May 2016, pp.145
- IX. **Üstel Euler Phi Fonksiyonu**
ÖZTÜRK E.
6. Ankara Matematik Günleri, Ankara, Turkey, 2 - 03 June 2011

Metrics

Publication: 24

Non Academic Experience

SAYIŞTAY BAŞKANLIĞI