

Prof. Dr. Ayhan Tutar

Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Ondokuz Mayıs Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), Türkiye 1989 - 1994

Yüksek Lisans, İnönü Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Yl) (Tezli), Türkiye 1987 - 1989

Lisans, İnönü Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, Türkiye 1982 - 1986

Yaptığı Tezler

Doktora, IL3 lorentz uzayında küresel eğriler ve joachimsthal teoremi, Ondokuz Mayıs Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), 1994

Yüksek Lisans, Düzlemsel kinematikte homotetik hareketler için Holdutch Teoremi, İnönü Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Yl) (Tezli), 1989

Araştırma Alanları

Diferansiyel Geometri, Geometri

Akademik Unvanlar / Görevler

Prof. Dr., Ondokuz Mayıs Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2015 - Devam Ediyor

Doç. Dr., Ondokuz Mayıs Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2010 - 2015

Yrd. Doç. Dr., Ondokuz Mayıs Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 1996 - 2010

Akademik İdari Deneyim

Ondokuz Mayıs Üniversitesi, 1997 - 2000

Verdiği Dersler

Doğrusal Cebir, Lisans, 2017 - 2018

Lorentz Geometrisi, Yüksek Lisans, 2017 - 2018

Analitik Geometri I, Lisans, 2017 - 2018

Tensör Geometrisi I, Doktora, 2017 - 2018

Lineer Cebir, Lisans, 2017 - 2018

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **On Relaxed Elastic Lines of the Second Type on an Oriented Surface in the Galilean Space $G(3)$**
Sarioğlu A., Stachel H., Tutar A.
RESULTS IN MATHEMATICS, cilt.71, sa.3-4, ss.955-982, 2017 (SCI-Expanded)
- II. **The Steiner Formula and the Polar Moment of Inertia for the Closed Planar Homothetic Motions in Complex Plane**
Tutar A., Sener O.
ADVANCES IN MATHEMATICAL PHYSICS, cilt.2015, 2015 (SCI-Expanded)
- III. **On the theory of strips and Joachimsthal theorem in the Lorentz space L_n , ($n > 3$)**
Tutar A., Sener O.
Iranian Journal of Science and Technology, Transaction A: Science, cilt.36, sa.3 SPL.ISS, ss.327-330, 2012 (SCI-Expanded)
- IV. **Relaxed elastic lines of second kind on oriented surface in Minkowski space**
Tutar A., Sarioğlu A.
APPLIED MATHEMATICS AND MECHANICS-ENGLISH EDITION, cilt.27, sa.11, ss.1481-1489, 2006 (SCI-Expanded)
- V. **The Steiner formula and the Holditch theorem for the homothetic motions on the planar kinematics**
Tutar A., Kuruoğlu N.
Mechanism and Machine Theory, cilt.34, sa.1, ss.1-6, 1999 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Characteristic Directions of Closed Planar Homotetic Inverse Motions**
TUTAR A., ŞENER Ö., İNAN E.
Konuralp Journal of Mathematics, cilt.6, sa.2, ss.240-245, 2018 (Hakemli Dergi)
- II. **Charecteristic Directions of Closed Planar Homothetic Motions**
TUTAR A., ŞENER Ö., İNAN E.
International Journal of Applied Mathematics, cilt.31, sa.2, ss.199-210, 2018 (Scopus)
- III. **Characteristic directions of closed planar homothetic motions**
Tutar A., Şener Ö., Inan E.
International Journal of Applied Mathematics, cilt.31, sa.2, ss.199-210, 2018 (Scopus)
- IV. **On the Kinetic Energy of the Projection Curve fort he 1-Parameter Closed Spatial Homothetic Motion.**
SOYLU S., TUTAR A.
Journal of Applied Mathematics and Physics, cilt.5, sa.10, 2017 (Hakemli Dergi)
- V. **On the Kinematics for the Closed Planar Homothetic Inverse Motions in Complex Plane**
ŞENER Ö., TUTAR A.
Journal of Applied Mathematics and Physics, 2017 (Hakemli Dergi)
- VI. **The Steiner Formula and the Polar Moment of Inertia for the Closed Planar Motions in Complex Plane**
ŞENER Ö., TUTAR A.
Advances in Pure Mathematics, 2017 (Hakemli Dergi)
- VII. **The Kinetic Energy Formula for the Closed Planar Homothetic Inverse Motions in Complex Plane**
TUTAR A., ÖNDER Ş.
Journal of Applied Mathematics and Physics, cilt.3, ss.556-562, 2015 (Hakemli Dergi)
- VIII. **The Kinetic Energy Formula For The Closed Planar Homothetic Motions In Complex Plane**
TUTAR A., ÖNDER Ş.
International Journal of Applied Mathematics, cilt.4, sa.28, ss.319-329, 2015 (Hakemli Dergi)
- IX. **The Formula of Kinetic Energy for the Closed Planar Homothetic Direct Motions**
TUTAR A., İNAN E.
Journal of Applied Mathematics and Physics, cilt.3, ss.563-568, 2015 (Hakemli Dergi)

- X. **The Formula of Kinetic Energy for the Closed Planar Homothetic Inverse Motions**
TUTAR A., İNAN E.
JOURNAL OF APPLIED MATHEMATICS, cilt.3, ss.213-222, 2015 (Scopus)
- XI. **On relaxed elastic lines of second kind on a curved hypersurface in the n-dimensional euclidean space**
Sarioğlu A., Tutar A., Stachel H.
Journal for Geometry and Graphics, cilt.18, sa.1, ss.81-95, 2014 (Scopus)
- XII. **On The 1 parameter Homothetic Motions On The Complex Plane**
KURUOĞLU N., TUTAR A., DÜLDÜL M.
Int. J. Appl. Math., cilt.4, sa.6, ss.439, 2001 (Hakemli Dergi)
- XIII. **On the one parameter homothetic motions on the Lorentzian plane**
TUTAR A., KURUOĞLU N.
Bulletin of Pure and Applied Science, cilt.18, sa.2, ss.333-340, 1999 (Hakemli Dergi)

Kitap & Kitap Bölümleri

- I. **Trigonometri**
TUTAR A., METİN G., MÜJDAT E.
Metin Yayınları, 2015
- II. **Limit ve Süreklilik**
TUTAR A., METİN G., MÜJDAT E.
Metin Yayınları, 2014
- III. **İntegral**
TUTAR A., METİN G., MÜJDAT E.
Metin Yayınları, 2014

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Holditch Type Theorem for Kinetic Energy of Projective Curve Under the 1-Parameter Spatial Motion**
SOYLU S., TUTAR A., ŞENER Ö.
6th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA- 2017), 15 - 18 Ağustos 2017
- II. **The Kinetic Energy Formula For The Closed Planar Homothetic Motions In Complex Plane**
ŞENER Ö., TUTAR A., SOYLU S.
6th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA- 2017), Budapest, Macaristan, 15 - 18 Ağustos 2017
- III. **The Steiner Formula and the Polar Moment of Inertia for the Closed Planar Motions in Complex Plane**
ŞENER Ö., TUTAR A., SOYLU S.
15. Uluslararası Geometri Sempozyumu, 3 - 06 Temmuz 2017
- IV. **On the Kinetic Energy of the Projective Curve for the 1-Parameter Closed Spatial Motion" , 3-6 Temmuz 2017, Amasya Üniversitesi**
SOYLU S., TUTAR A., ŞENER Ö.
15. Uluslararası Geometri Sempozyumu, 3 - 06 Temmuz 2017
- V. **On the Kinematics for the Closed Planar Homothetic Inverse Motions in Complex Plane**
TUTAR A., ŞENER Ö., SOYLU S.
5th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2016), 16 - 19 Ağustos 2016
- VI. **Some Properties of the Inverse Homothetic Motion Characteristic Point and Minimal Action**

TUTAR A., SOYLU S., ŞENER Ö.

5th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2016), 16 - 19 Ağustos 2016

VII. Some Properties of the homothetic motion Chracteristic point and minimal action

TUTAR A., SOYLU S.

INTERNATIONAL SCIENCE AND TECHNOLOGY CONFERENCE ISTEC 2016, 13 - 15 Temmuz 2016

VIII. The Kinetic Energy Formula For The Closed Planar Homothetic Inverse Motions in Complex Plane

TUTAR A., ŞENER Ö.

14th International Geometry Symposium, 25 - 28 Mayıs 2016

Desteklenen Projeler

Tutar A., Yükseköğretim Kurumları Destekli Proje, On Relaxed Elastic Lines of the Second Type on an Oriented Surface in the Galilean Space G_3 , 2017 - 2023

Tutar A., Yükseköğretim Kurumları Destekli Proje, 7th INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS (IECMSA-2018), 2018 - 2019