HÜSEYİN KOCAYİĞİT
ASSOC. PROF.



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Education

Doctorate 1999 - 2004	Ankara University, Fen Bilimleri Enstitüsü, Turkey
Postgraduate 1994 - 1996	Turkey
Undergraduate 1982 - 1986	Ataturk University, Turkey

Foreign Languages

English

Dissertations

Doctorate, Lorentz 3-manifoldlarında biharmonik eğriler ve kontak geometri, Ankara University, Fen Bilimleri Enstitüsü, 2004
Postgraduate, R31 minkowski 3-uzayında time like asal normalli space-like eğrilerin flenet ve darboux vektörleri, 1996

Academic Positions

Associate Professor 1999 - Present	Manisa Celal Bayar University, Mühendislik Ve Doğa Bilimleri Fakültesi, Matematik
Lecturer 1950 - 2009	

Research Assistant
1999 - 2004

Ankara University, Fen Fakültesi, Matematik Bölümü

Research Assistant
1994 - 1999

Funded Projects

1. KOCAYİĞİT H., SEZER M., MAĞDEN A., AĞIRMAN AYDIN T., Sabit Genişlikli Eğrilerin Analizi ve Uygulama Kapsamının Ön Araştırması, 2019 - 2021
2. GÜROĞLU A. T., ÇOŞKUN H., KONURALP A., KOCAYİĞİT H., ÖZDEMİR A., KAZAZ M., Project Supported by Other Official Institutions, 16. Uluslararası Geometri Sempozyumu, 2018 - 2019

Articles

1. **PRINCIPAL NORMAL INDICATRIX (N) OF CURVES ACCORDING TO THEIR ALTERNATIVE FRAMES IN EUCLIDEAN 3-SPACE**
   KOCAYİĞİT H., Adsoy C., Aydinalp M.
   International Journal of Maps in Mathematics, vol.8, no.1, pp.74-84, 2025 (Scopus)
2. **Di-Darboux Slant Helices on Surface**
   ALKAN A., KOCAYİĞİT H., Ağırman Aydın T.
   Turkish Journal of Mathematics and Computer Science, vol.16, no.2, pp.386-399, 2024 (Scopus)
3. **A New Approach on Some Special Curves**
   Aydın T. A., KOCAYİĞİT H., Kara M.
   Turkish Journal of Mathematics and Computer Science, vol.15, no.1, pp.118-124, 2023 (Scopus)
4. **Some new characterizations of a space curve due to a modified frame {N →, C →, W →} in Euclidean 3-space**
   Ayaz S., Kuşak Samanci H., KOCAYİĞİT H.
   International Journal of Nonlinear Sciences and Numerical Simulation, vol.24, no.2, pp.735-748, 2023 (SCI-Expanded, Scopus)
5. **On Involute-Evolute Curve Pair in Semi-Euclidean Space**
   Aydın T. A., KOCAYİĞİT H.
   Turkish Journal of Mathematics and Computer Science, vol.13, no.2, pp.331-337, 2021 (Scopus)
6. **Some New Characterizations of the Harmonic and Harmonic 1-Type Curves in Euclidean 3-Space**
   Samanci H. K., Ayaz S., KOCAYİĞİT H.
   Foundations of Computing and Decision Sciences, vol.46, no.3, pp.235-254, 2021 (ESCI, Scopus)
7. **Legendre Matrix Method for Legendre Curve in Sasakian 3-Manifold**
   Aydin T. A., Sezer M., KOCAYİĞİT H.
   Foundations of Computing and Decision Sciences, vol.46, no.3, pp.205-219, 2021 (ESCI, Scopus)
8. **Morgan-Voyce polynomial approach for quaternionic space curves of constant width**
   Aydin T. A., Ayazoğlu R., KOCAYİĞİT H.
   Foundations of Computing and Decision Sciences, vol.46, no.1, pp.71-83, 2021 (ESCI, Scopus)
9. **Indicatrices of curves in affine 3-space**
   TUNÇER Y., KOCAYİĞİT H., KARACAN M. K., Ahsan Z.
   Palestine Journal of Mathematics, vol.9, no.2, pp.858-865, 2020 (Scopus)
10. **Naturel mates of equiaffine space curves in affine 3-space**
    TUNÇER Y., KOCAYİĞİT H., KARACAN M. K.
    Thermal Science, vol.23, 2019 (SCI-Expanded, Scopus)

11. **On the Sabban frame belonging to involute-evolute curves**
Senyurt S., Altun Y., Cevahir C., KOCAYİĞİT H.
Thermal Science, vol.23, 2019 (SCI-Expanded, Scopus)
12. **Some special curves belonging to mannheim curves pair**
Senyurt S., Altun Y., Cevahir C., KOCAYİĞİT H.
Thermal Science, vol.23, 2019 (SCI-Expanded, Scopus)
13. **An explicit characterization of spherical curves according to Bishop frame and an approximately solution**
BALKI OKULLU P., KOCAYİĞİT H., Agirman Aydin T.
Thermal Science, vol.23, 2019 (SCI-Expanded, Scopus)
14. **Differential representation of the Lorentzian spherical timelike curves by using bishop frame**
BALKI OKULLU P., KOCAYİĞİT H.
Thermal Science, vol.23, 2019 (SCI-Expanded, Scopus)
15. **N-bishop darboux vector of the spacelike curve with spacelike binormal**
Kusak Samanci H., KOCAYİĞİT H.
Thermal Science, vol.23, 2019 (SCI-Expanded, Scopus)
16. **Timelike curves of constant breadth according to bishop frame in minkowski 3-space**
KOCAYİĞİT H., Çetin M., Evirgen M. Ç.
Iranian Journal of Science and Technology, Transaction A: Science, vol.41, no.1, pp.45-49, 2017 (SCI-Expanded, Scopus)
17. **A statistical comparison of anatomical features in some ornithogalum sp. Species Comparação Estatística das Características Anatômicas em Espécies de Ornithogalum sp**
ÖZDEMİR A., KOCAYİĞİT H., Yetişen K., Akyol Y., ÖZDEMİR C.
Planta Daninha, vol.34, no.3, pp.485-495, 2016 (SCI-Expanded, Scopus)
18. **Some characterizations of space curves according toBishop frame in Euclidean 3-space E3**
KOCAYİĞİT H., ARI Z., ÖZDEMİR A., SÖNMEZ M.
Journal of Abstract and Computational Mathematics, vol.1, no.1, pp.47-57, 2016 (Peer-Reviewed Journal)
19. **Characterizations of space curves with 1-type Darboux instantaneous rotation vector**
ARSLAN K., KOCAYİĞİT H., Önder M.
Communications of the Korean Mathematical Society, vol.31, no.2, pp.379-388, 2016 (Scopus)
20. **An efficient method based on lucas polynomials for solving high-order linear boundary value problems**
Çetin M., Sezer M., KOCAYİĞİT H.
Gazi University Journal of Science, vol.28, no.3, pp.483-496, 2015 (Scopus)
21. **Some characterizations for legendre curves in the 3-dimensional sasakian space**
KOCAYİĞİT H., Onder M.
Iranian Journal of Science and Technology, Transaction A: Science, vol.39, no.A4, pp.533-541, 2015 (SCI-Expanded, Scopus)
22. **Characterizations of Space Curves According to Bishop Darboux Vector in Euclidean 3 Space E3**
KOCAYİĞİT H., ÖZDEMİR A., ÇETİN M., ÖZ H. K.
International J.Math. Combin., vol.2, pp.74-80, 2014 (Peer-Reviewed Journal)
23. **Characterizations of N3 slant helices according to quaternionic frame**
KOCAYİĞİT H., Pekacar B. B.
International Journal of Mathematical Analysis, vol.8, no.1-4, pp.73-80, 2014 (Scopus)
24. **Harmonic 1-type curves and weak biharmonic curves in Lorentzian 3-space**
KOCAYİĞİT H., Önder M., Hacisalihoğlu H.
Analele Stiintifice ale Universitatii Al I Cuza din Iasi - Matematica, vol.60, no.1, pp.109-124, 2014 (Scopus)
25. **Space curves of constant breadth in Minkowski 3-space**
KOCAYİĞİT H., Önder M.
Annali di Matematica Pura ed Applicata, vol.192, no.5, pp.805-814, 2013 (SCI-Expanded, Scopus)
26. **Some Characterizasyons of Spacelike Curves According to Bishop Frame in Minkowski 3- Space E1-1**

ÖZDEMİR A., KOCAYİĞİT H., ÖNDER M., Arda B.
International Journal of Physical and Mathematical Sciences, vol.4, no.1, pp.85-93, 2013 (Peer-Reviewed Journal)

27. **Some characterizations of timelike curves according to bishop frame in minkowski 3-space**
KOCAYİĞİT H., ÖZDEMİR A., Çetin M., Arda B.
International Journal of Mathematical Analysis, vol.7, no.13-16, pp.767-779, 2013 (Scopus)
28. **Characterizations of timelike curves according to the Bishop Darboux vector in Minkowski 3-space E_13**
KOCAYİĞİT H., ÖZDEMİR A., ÇETİN M., ÖZGÜZEL ASARTEPE S.
International Mathematical Forum, vol.8, no.19, pp.903-911, 2013 (Peer-Reviewed Journal)
29. **Differential equations characterizing timelike and spacelike curves of constant breadth in minkowski 3-space E3 1**
Önder M., KOCAYİĞİT H., Candan E.
Journal of the Korean Mathematical Society, vol.48, no.4, pp.849-866, 2011 (SCI-Expanded, Scopus)
30. **Spacelike B2-slant helix in Minkowski 4-space E41**
Önder M., Kocayĭit H., KAZAZ M.
International Journal of Physical Sciences, vol.5, no.5, pp.470-475, 2010 (SCI-Expanded, Scopus)
31. **Spacelike helices in Minkowski 4-space E 1 4**
Önder M., KOCAYİĞİT H., KAZAZ M.
Annali dell'Universita di Ferrara, vol.56, no.2, pp.335-343, 2010 (Scopus)
32. **Spacelike Helices in Minkowski 4 space**
ÖNDER M., KOCAYİĞİT H., KAZAZ M.
Ann. Univ. Ferrara, vol.56, no.2, pp.335-343, 2010 (Scopus)
33. **1-type and biharmonic frenet curves in lorentzian 3-space**
KOCAYİĞİT H., Hacisalihoglu H.
Iranian Journal of Science and Technology, Transaction A: Science, vol.33, no.2, pp.159-168, 2009 (SCI-Expanded, Scopus)
34. **Spacelike Curves of Constant Breadth in Minkowski 4 Space**
ÖNDER M., KAZAZ M., KOCAYİĞİT H.
Int. Journal of Math. Analysis, vol.2, no.22, pp.1061-1068, 2008 (Peer-Reviewed Journal)
35. **B 2 Slant Helix in Euclidean 4 Space**
ÖNDER M., KAZAZ M., KOCAYİĞİT H., Kılıç O.
Int. J. Contemp. Math. Sciences, vol.3, no.29, pp.1433-1440, 2008 (Peer-Reviewed Journal)

Papers Presented at Peer-Reviewed Scientific Conferences

1. **On Legendre Curves in Sasakian 3-Manifold**
AĞIRMAN AYDIN T., KOCAYİĞİT H., SEZER M.
International Conference on Computational Methods in Applied SciencesIC2MAS 2019, İstanbul, Turkey, 12 - 16 July 2019, (Summary Text)
2. **Null Cartan Curves of Constant Breadth**
AĞIRMAN AYDIN T., KOCAYİĞİT H., MAĞDEN A.
17. Uluslararası Geometri Sempozyumu, Erzincan, Turkey, 19 - 21 June 2019, (Summary Text)
3. **On Quaternionic Space Curves of Constant Breadth**
AĞIRMAN AYDIN T., KOCAYİĞİT H., SEZER M.
17th International Geometry SymposiumJune 19-22, 2019 Erzincan Binali Yildirim University, Erzincan-TURKEY, 19 - 21 June 2019, (Summary Text)
4. **On Some Characterizations of the Harmonic and Harmonic 1-Type Curves in Euclidean 3-Space**
KUŞAK SAMANCI H., KOCAYİĞİT H., Ayaz S.
17th International Geometry Symposium, Turkey, 19 - 22 June 2019, (Summary Text)
5. **Special Curves In Euclidean 3-Space**

TUNÇER Y., KOCAYİĞİT H., KARACAN M. K., Çümen H.
16th International Geometry Symposium, Manisa, Turkey, 4 - 07 July 2018, (Summary Text)

6. **Indicatrices of The Curves In Affine 3-Space**
TUNÇER Y., KOCAYİĞİT H., KARACAN M. K.
16th International Geometry Symposium, Manisa, Turkey, 4 - 07 July 2018, (Summary Text)
7. **A SPECIAL INTERPRETATION OF THE CONCEPT OF CONSTANT BREADTH FOR A SPACE CURVE**
AĞIRMAN AYDIN T., SEZER M., KOCAYİĞİT H.
16.International Geometry Symposium, Manisa, Turkey, 4 - 07 July 2018, (Summary Text)
8. **Lucas Polynomial Approach to Determine Lorentzian Spherical Timelike Curves in Minkowski 3-Space**
Çetin M., KOCAYİĞİT H., SEZER M.
16th International Geometry Symposium, Manisa, Turkey, 4 - 07 July 2018, pp.310, (Summary Text)
9. **Special Curves İn Euclidean 3-Space According To Bishop Frame**
KOCAYİĞİT H., TUNÇER Y.
International Conference on Applied Analysis and Mathematical Modeling, İstanbul, Turkey, 20 - 24 June 2018, (Summary Text)
10. **On the Differential Equations of Lorentzian Spherical Timelike Curves in Minkowski Space-Time**
AĞIRMAN AYDIN T., KOCAYİĞİT H.
Int. Conference on App. Analysis and Math. Modeling, ICAAMM18, İstanbul, Turkey, 20 - 24 June 2018, (Summary Text)
11. **Darboux Vector And Stress Analysis Of Winternitz Frame**
TUNÇER Y., KOCAYİĞİT H.
International Conference on Applied Analysis and Mathematical Modeling, İstanbul, Turkey, 20 - 24 June 2018, (Summary Text)
12. **Some Characterizations of The Slant Helices According to N-Bishop Frame in Euclidean 3-Space**
KUŞAK H., KOCAYİĞİT H., Yıldız A.
7th International Conference on Applied and Mathematical Modeling, ICAAMM18, İstanbul, Turkey, 20 - 24 June 2018, (Summary Text)
13. **An Explicit Characterization of Spherical Curves According to Bishop Frame**
BALKI OKULLU P., KOCAYİĞİT H.
International Conference on Applied Analysis and Mathematical Modeling ICAAMM17, İstanbul, Turkey, 3 - 07 July 2017, pp.107, (Summary Text)
14. **Lucas Collocation Method to Determination Spherical Curves in Euclidean 3 Space**
ÇETİN M., KOCAYİĞİT H., SEZER M.
14th International Geometry Symposium, Denizli, Turkey, 25 - 28 May 2016, pp.132, (Summary Text)
15. **Characterizations of Spacelike Curves According to Bishop Darboux Vector in Minkowski 3 Space E 3 1**
KOCAYİĞİT H.
International Conference on Applied Analysis and Mathematical Modeling, İstanbul, Turkey, 8 - 12 June 2015, pp.147, (Summary Text)
16. **Dual Curves of Constant Breadth in Dual Euclidean Space D 3**
KOCAYİĞİT H., ERTEN N.
International Conference on Applied Analysis and Mathematical Modeling, İstanbul, Turkey, 8 - 12 June 2015, pp.242, (Summary Text)
17. **On the Solution of Differential Equation System Characterizing Curve Pair of Constant Breadth by the Lucas Collacation Approximation**
ÇETİN M., KOCAYİĞİT H., SEZER M.
International Conference on Applied Analysis and Mathematical Modeling, İstanbul, Turkey, 8 - 12 June 2015, pp.218, (Summary Text)
18. **Some Characterizations of Constant Breadth Curves in Euclidean 4 Space**
KOCAYİĞİT H., ÇİÇEK Z.

International Conference on Applied Analysis and Mathematical Modeling, İstanbul, Turkey, 8 - 12 June 2015, pp.146, (Summary Text)

19. **On the Solution of Differential Equation System Characterizing Curve Pair of Constant Breadth by the Lucas Collocation Approximation**
ÇETİN M., KOCAYİĞİT H., SEZER M.
International Conference on Applied Analysis and Mathematical Modeling (ICAMM), İstanbul, Turkey, 8 - 12 June 2015, (Summary Text)
20. **BAZI ORNITHOGALUM TÜRLERİNİN ANATOMİK ÖZELLİKLERİNİN İSTATİSTİKSEL OLARAK KARŞILAŞTIRILMASI**
ÖZDEMİR A., KOCAYİĞİT H., YETİŞEN K., BOZDAĞ B., SEPET H., AKYOL Y., ÖZDEMİR C.
II. Uluslar Arası Kaz Dağları ve Edremit Sempozyumu, 2 - 04 May 2013, (Summary Text)
21. **Characterizations of Slant Helices According to Quaternionic Frame**
KOCAYİĞİT H., ÖNDER M., PEKACAR B. B.
First International Conference on Analysis and Applied Mathematics, Gümüşhane, Turkey, 18 - 21 October 2012, (Summary Text)
22. **Some Characterizations of Constant Breadth Timelike Curves in Minkowski 4 space**
KOCAYİĞİT H., ÖNDER M., ÇİÇEK Z.
First International Conference on Analysis and Applied Mathematics, Gümüşhane, Turkey, 18 - 21 October 2012, (Summary Text)
23. **Some Characterizations of Spacelike Curves According to Bishop Frame in Minkowski 3 Space E 3 1**
ÖZDEMİR A., KOCAYİĞİT H., ARDA B.
X. Geometri Sempozyumu, Balıkesir, Turkey, 13 - 16 June 2012, (Summary Text)
24. **Some Characterizations of Dual Curves Constant Breadth in Dual Lorentzian Space D 3 1**
KOCAYİĞİT H., ÖNDER M., PEKACAR B. B.
X. Geometri Sempozyumu, Balıkesir, Turkey, 13 - 16 June 2012, (Summary Text)
25. **Some Characterizations of Constant Breadth Curves in Euclidean 4 Space E 4**
KOCAYİĞİT H., ÖNDER M., ÇİÇEK Z.
X. Geometri Sempozyumu, Balıkesir, Turkey, 13 - 16 June 2012, (Summary Text)
26. **Some Characterizations of Dual Curves of Constant Breadth in Dual Lorentzian Space**
KOCAYİĞİT H., ÖNDER M., Beyza Betül P.
X. Geometri Sempozyumu, Turkey, 13 - 16 June 2012
27. **On Space Curves of Constant Breadth in Minkowski 3 Space**
KOCAYİĞİT H., ÖNDER M.
Yıldız Technical University, International Conference on Applied Analysis and Algebra, İstanbul, Turkey, 29 June - 02 July 2011, (Summary Text)
28. **Combination of Screw Motion and Dual Euler Angles in Dual Lorentzian Space**
KOCAYİĞİT H., ÖNDER M.
IX. Geometri Sempozyumu, Samsun, Turkey, 7 - 10 June 2011, (Summary Text)
29. **Minkowski 3 uzayında Harmonik 1 tipli Darboux Ani Dönme Vektörlü Timelike ve Spacelike Eğrilerin Bazı Karakterizasyonları**
KOCAYİĞİT H., ÖNDER M., ARSLAN K.
5. Ankara Matematik Günleri, Ankara, Turkey, 3 - 04 June 2010, (Summary Text)
30. **Öklidyen 3 Uzayda Bishop Çatısına Göre Uzay Eğrilerinin Bazı Karakterizasyonları**
KOCAYİĞİT H., KAZAZ M., ARI Z.
5. Ankara Matematik Günleri, Ankara, Turkey, 3 - 04 June 2010, (Summary Text)
31. **Minkowski 3-uzayında Harmonik 1-tipli Darboux Ani Dönme Vektörü Timelike ve Spacelike Eğrilerin Bazı Karakterizasyonları**
KOCAYİĞİT H., ÖNDER M., ARSLAN K.
5. Ankara Matematik Günleri, Ankara, Turkey, 3 - 04 June 2010, (Summary Text)
32. **Some Characterizations on the Darboux Instantaneous Rotation Vector**
KOCAYİĞİT H., ÖNDER M., ARSLAN K.

VIII. Geometri Sempozyumu, Antalya, Turkey, 29 April - 02 May 2010, (Summary Text)

33. **On Spacelike B2 Slant Helix in Minkowski 4 Space**
KOCAYİĞİT H., KAZAZ M., ÖNDER M.
VII. Geometri Sempozyumu, Kırşehir, Turkey, 7 - 10 July 2009, (Summary Text)

34. **Space Curves of Constant Breadth in Minkowski 3 space**
KAZAZ M., KOCAYİĞİT H., ÖNDER M.
VII. Geometri Sempozyumu, Kırşehir, Turkey, 7 - 10 July 2009

35. **Some Characterizations On The Darboux Instantaneous Vector**
KOCAYİĞİT H., ARSLAN K., ÖZTÜRK G., USLU E.
VI. Ulusal Geometri Sempozyumu, Turkey, 16 - 18 July 2008, (Summary Text)

36. **E^4 Öklidyen 4-Uzayında Slant Helisin Yeni Bir Türü Üzerine**
ÖNDER M., ÖZDEMİR A., KOCAYİĞİT H.
VI. Ulusal Geometri Sempozyumu, Bursa, Turkey, 1 - 04 July 2008, pp.76, (Summary Text)

37. **Spacelike Curves of Constant Breadth In Minkowski 3 Space**
ÖNDER M., KOCAYİĞİT H., KILIÇ O.
VI. Ulusal Geometri Sempozyumu, Bursa, Turkey, 1 - 04 July 2008, pp.74, (Summary Text)

38. **E4 Öklidyen 4- uzayında slank helis^'in yeni bir türü üzerine**
ÖNDER M., ÖZDEMİR A., KOCAYİĞİT H.
VI. GEOMETRİ SEMPOZYUMU, Turkey, 1 - 04 July 2008, (Summary Text)

39. **On a New Kind of Slant Helix in Euclidean 4 Space**
ÖNDER M., ÖZDEMİR A., KOCAYİĞİT H.
VI. Ulusal Geometri Sempozyumu, Turkey, 1 - 04 July 2008, (Summary Text)

40. **Harmonic 1 Type and Weak Biharmonic Curves In Contact Geometry**
KOCAYİĞİT H., HACISALİHOĞLU H. H., USLU E.
II. Turkish World Mathematics Symposium, Sakarya, Turkey, 4 - 07 July 2007, (Summary Text)

41. **Harmonic 1 Type and Weak Biharmonic Curves in Lorentzian 3 Space**
KOCAYİĞİT H., HACISALİHOĞLU H. H.
XIX. Ulusal Matematik Sempozyumu, Kütahya, Turkey, 22 - 25 August 2006, (Summary Text)

42. **Harmonic 1 Type and Weak Biharmonic Curves in Euclidean 3 Space**
KOCAYİĞİT H., HACISALİHOĞLU H. H.
IV. International Geometry Symposium, Zonguldak, Turkey, 17 - 21 July 2006, (Summary Text)

43. **On an Explicit Characterizations of Legendre Spherical and Legendre Normal Curves**
KOCAYİĞİT H., ÖNDER M., KAZAZ M.
IV. International Geometry Symposium, Zonguldak, Turkey, 17 - 21 July 2006, (Summary Text)

44. **On an explicit characterization of Legendre spherical and normal curves**
KOCAYİĞİT H., ÖNDER M., KAZAZ M.
IV. International Geometry Symposium, Zonguldak, Turkey, 17 July 2007 - 21 July 2006, (Summary Text)

45. **1 Type and Biharmonic Curves in Lorentzian 3 Space**
KOCAYİĞİT H., HACISALİHOĞLU H. H.
III. Geometri Sempozyumu, Eskişehir, Turkey, 4 - 06 July 2005, (Summary Text)

46. **1 Type Biharmonic Harmonic 1 Type and Weak Biharmonic Curves in Euclidean 3 Space**
KOCAYİĞİT H., HACISALİHOĞLU H. H.
XVII. Ulusal Matematik Sempozyumu, Bolu, Turkey, 23 - 26 August 2004, (Summary Text)

47. **Biharmonic Curves in Contact Geometry**
KOCAYİĞİT H., HACISALİHOĞLU H. H.
II. Geometri Sempozyumu, Sakarya, Turkey, 30 June - 03 July 2004, (Summary Text)

48. **Biharmonic Curves in Lorentz 3 Manifolds and Its Applications to Contact Geomerty**
KOCAYİĞİT H., HACISALİHOĞLU H. H., INOGUCHI J. I.
I. Geometri Sempozyumu, ELİZIĞ, Turkey, 3 - 04 July 2003, (Summary Text)

49. **On the Explicit Characterization of Spherical Curves in n Dimensional Euclidean Space**
KOCAYİĞİT H., YAZ N., CAMCI Ç., HACISALİHOĞLU H. H.

Palandöken Matematik Günleri, Erzurum, Turkey, 28 - 30 June 2001, (Summary Text)

Academic and Administrative Experience

2006 - 2011

Courses

Undergraduate

MAT 2104 ANALİTİK GEOMETRİ II, Undergraduate, 2017-2018, 2016-2017, 2015-2016, 2014-2015, 2013-2014, 2012-2013

MAT 2103 ANALİTİK GEOMETRİ I, Undergraduate, 2017-2018, 2016-2017, 2015-2016, 2014-2015, 2013-2014, 2012-2013

MAT 4205 DÖNÜŞÜMLER VE GEOMETRİLER, Undergraduate, 2017-2018

MAT 4108 ARAŞTIRMA PROJESİ II, Undergraduate, 2017-2018, 2016-2017, 2015-2016, 2014-2015, 2013-2014, 2012-2013

MAT 2122 SOSYAL SORUMLULUK PROJESİ II, Undergraduate, 2017-2018

MAT 4105 ARAŞTIRMA PROJESİ I, Undergraduate, 2017-2018, 2016-2017, 2015-2016, 2014-2015, 2013-2014, 2012-2013

MAT 3206 DİFERANSİYEL GEOMETRİ II, Undergraduate, 2016-2017

MAT 3101 DİFERANSİYEL GEOMETRİ I, Undergraduate, 2016-2017, 2014-2015, 2013-2014, 2012-2013

MAT 1104 LİNEER CEBİR II, Undergraduate, 2015-2016, 2014-2015, 2013-2014, 2012-2013

MAT 4217 Öklidyen Olmayan Geometri (S), Undergraduate, 2015-2016, 2014-2015

MAT 1103 Lineer Cebir I, Undergraduate, 2015-2016, 2014-2015, 2013-2014, 2012-2013

MAT 4222 Matematik Bilim Tarihi (S), Undergraduate, 2014-2015

MAT 3206 Diferansiyel Geometri II (S), Undergraduate, 2014-2015, 2013-2014, 2012-2013

MAT 204 Analitik Geometri II, Undergraduate, 2011-2012

MAT 103 Lineer Cebir I, Undergraduate, 2011-2012

MAT 203 Analitik Geometri I, Undergraduate, 2011-2012

MAT 104 Lineer Cebir II, Undergraduate, 2011-2012

MAT 412 Mesleki Yabancı Dil (İng.) IV, Undergraduate, 2011-2012

Undergraduate Minor

MAT 6217 DUAL GEOMETRİ, Undergraduate Minor, 2016-2017, 2015-2016, 2014-2015, 2013-2014

MAT 6218 DUAL LORENTZİYEN GEOMETRİ, Undergraduate Minor, 2015-2016, 2014-2015, 2013-2014

MAT 6222 İleri Kuaterniyonlar Teorisi II, Undergraduate Minor, 2014-2015

MAT 6216 İleri Kinematik II, Undergraduate Minor, 2013-2014

MAT 6221 İleri Kuaterniyonlar Teorisi I, Undergraduate Minor, 2013-2014

MAT 6220 Diferansiyel Geometri ve Uygulamaları II, Undergraduate Minor, 2012-2013

MAT 6219 Diferansiyel Geometri ve Uygulamaları I, Undergraduate Minor, 2012-2013

MAT 6229 Yüksek Diferansiyel Geometri, Undergraduate Minor, 2011-2012

Undergraduate Double Major

MAT 5219 UZAY KİNEMATİĞİ VE LİE GRUPLARI I, Undergraduate Double Major, 2016-2017, 2015-2016, 2012-2013, 2011-2012

MAT 5220 UZAY KİNEMATİĞİ VE LİE GRUPLARI II, Undergraduate Double Major, 2015-2016, 2012-2013, 2011-2012

MAT 5218 Kuaterniyonlar Teo. ve Hareket Geo., Undergraduate Double Major, 2014-2015, 2011-2012

Supervised Theses

KOCAYİĞİT H., Yo,Yr,Yn DARBOUX SLANT HELİSLER VE OSKÜLATÖR, REKTİFİYAN, NORMAL KÜRESEL GÖSTERGE EĞRİLERİ, Doctorate, C.TOSUN(Student), 2024
KOCAYİĞİT H., 3-boyutlu öklid uzayında yüzey üzerindeki Do-Darboux slant helisler, Dr-Darboux slant helisler ve Dn-Darboux slant helisler, Doctorate, A.ALKAN(Student), 2024
KOCAYİĞİT H., Alternatif Type-2 Bishop Çatı ve Uygulamaları, Doctorate, M.ZARARSIZ(Student), 2023
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KOCAYİĞİT H., Bishop çatısına göre küresel eğrilerin teorisi ve integral karakterizasyonları, Postgraduate, C.SARITEPE(Student), 2018
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Metrics

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H-Index (Scopus): 4

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WoS Research Areas: Mathematics
Scopus Research Areas: Mathematics (miscellaneous)