



## ÖZGEÇMİŞ

- 1. Adı Soyadı** : Haşim ÇAYIR  
**2. Ünvanı** : Doçent Doktor  
**3. Öğrenim Durumu** : Doktora  
**4. Yabancı Dil** : İngilizce (YÖKDİL=81,250, YDS=77.500)  
**5. Bitirilen ve Devam Eden Yüksek Lisans ve Doktora Tezleri:**

Derece	Üniversite	Alanı	Yılı
Lisans	Atatürk Üniversitesi	Matematik öğretmenliği. <b>(Anabilim Dalı Birincisi)</b>	1997-2001
Yüksek Lisans	Kars Kafkas Üniversitesi	Matematik(Analiz)	2004-2006
Doktora	Atatürk Üniversitesi	Geometri Bilim Dalı	2009-2013
Doktor Öğretim Üyesi	Giresun Üniversitesi	Geometri Anabilim Dalı	03.02.2015-31.10.2019
Doçent Doktor	Giresun Üniversitesi	Geometri Anabilim Dalı	Yök atama 23/10/2019... Kurum içi atama: 26.08.2020

### 5.1. Bitirilen Yüksek Lisans Tezleri

**ÇAYIR.Haşim.(2006).** Cauchy eşitsizliği üzerine [A study on cauchy inequality]  
Kars Kafkas Üniversitesi Fen Bilimleri Enstitüsü.

### 5.2. Bitirilen Doktora Tezleri:

**ÇAYIR.Haşim.(29/11/2013).** Almost Paracontact Yapılar. Atatürk Üniversitesi Fen Bilimleri Enstitüsü.

### 6. Yayınlar:

#### 6.1. Uluslararası Hakemli Dergilerde Yayımlanan Makaleler (SCIEXP):

- 1. SALİMOV, A., ÇAYIR, H.,** (2013). Some Notes On Almost Paracontact Structures. Comptes Rendus de l'Academie Bulgare des Sciences. 66 (3), 331-338.
- 2. ÇAYIR, H.,** (2019). On Integrability Conditions, Operators and the Purity Conditions of the Sasakian Metric With Respect to Lifts of  $F_\lambda(7,1)$  – Structure on Cotangent Bundle. The Turkish Journal of Mathematics. 43 (1), 186-198.

#### 6.2. Uluslararası Hakemli Dergilerde Yayımlanan Diğer Makaleler:

- 1. ÇAYIR, H.**,(2015). (EBSCO) Some Notes on Lifts of Almost Paracontact Structures. American Review of Mathematics and Statistics. 3(1), 52-60.
- 2. ÇAYIR, H.**,(2016). (Emerging Sources Citation Index) Lie derivatives of almost contact structure and almost paracontact structure with respect to  $X^V$  and  $X^H$  on tangent bundle  $T(M)$  , Proceedings of the Institute of Mathematics and Mechanics, National Academy of Sciences of Azerbaijan, 42 (1), 38-49.
- 3. ÇAYIR, H.**, (2016). (MathSci.Net (AMS)) Tachibana and Vishnevskii Operators Applied to  $X^V$  and  $X^H$  in Almost Paracontact Structure on Tangent Bundle  $T(M)$  , New Trends in Mathematical Sciences, 4 (3), 105-115.
- 4. ÇAYIR, H.**, KÖSEOGLU, G.,(2016). (MathSci.Net (AMS)) Lie derivatives of almost contact structure and almost paracontact structure with respect to  $X^C$  and  $X^V$  on tangent bundle  $T(M)$ , New Trends in Mathematical Sciences. 4 (1), 153-159.
- 5. ÇAYIR, H.**, AKDAĞ, K.,(2016). (MathSci.Net (AMS)) Some notes on almost paracomplex structures associated with the diagonal lifts and operators on cotangent bundle  $T^*(M^n)$ , New Trends in Mathematical Sciences. 4 (4), 42-50.
- 6. ÇAYIR, H.**,(2016)., (MathSci.Net (AMS)) Covariant derivatives of almost contact structure and almost paracontact structure with respect to  $X^C$  and  $X^V$  on tangent bundle  $T(M)$  , Konuralp Journal of Mathematics, 4 (2), 209-216.
- 7. ÇAYIR, H.**,(2017). (MathSci.Net (AMS)) Derivatives with respect to horizontal and vertical lifts of the Cheeger-Gromoll metric  ${}^{CG}g$  on Cotangent Bundle, Poincare Journal of Analysis and Applications (PJAA), Vol: 2017 (1), 1-9.
- 8. ÇAYIR, H.**,(2017)., (Mathematical Reviews, Zentralblatt MATH) Derivatives with respect to horizontal and vertical lifts of the modified Riemannian extension  $\tilde{g}_{\nabla,c}$  on Cotangent Bundle, Transactions of the Institute of Mathematics and Mechanics of Azerbaijan, vol XXXVII, no. 1, 1-8.
- 9. ÇAYIR, H.**, Mohammad Nazrul Islam Khan (2017). (Mathematical Reviews, Zentralblatt fur Mathematik (Germany)) Derivatives with respect to horizontal and vertical lifts of the Cheeger-Gromoll metric  ${}^{CG}g$  on the (1,1)-tensor bundle  $T_1^1(M)$  , Konuralp Journal of Mathematics, 5(2), 78-86.
- 10. ÇAYIR, H.**, (2018). (Emerging Sources Citation Index) Derivatives with respect to complete and vertical lifts of the Cheeger-Gromoll metric  ${}^{CG}g$  on Cotangent Bundle, Sigma Journal of Engineering and Natural Sciences (Sigma J Eng & Nat Sci), 36(2), 361-372.
- 11. ÇAYIR, H.**, (2018). Operators Associated with of Golden Riemannian Structures on Tangent and Cotangent Bundles, International Journal of Maps in Mathematics, 1(1), 80-90.
- 12. ÇAYIR, H.**, (2018). (Emerging Sources Citation Index) Sasakian metrics, integrability conditions and operators on cotangent bundle, The Honam Mathematical Journal, 40(4), 749-763.

- 13.** ÇAYIR, H., Fidan JABRAILZADE (2018). (MathSci.Net (AMS)) Notes on lifting of Bertrand curve on tangent space  $TR^3$ , Poincare Journal of Analysis and Applications (PJAA), 2018(2), 57-63.
- 14.** Mohammad Nazrul Islam Khan, ÇAYIR, H., (2018). (Emerging Sources Citation Index) Some Notes Concerning Tachibana and Wishnevskii Operators in the Tangent Bundle , Facta Universitatis, Series: Mathematics and Informatics (FU Math Inform), 33(4), 547-559.
- 15.** ÇAYIR, H., (2019). (Emerging Sources Citation Index) Derivatives of Sasakian metric  ${}^Sg$  on Cotangent Bundle, Communications Faculty of Sciences University of Ankara A1; Mathematics and Statistics, 68(1), 751-761.
- 16.** ÇAYIR, H., (2019). (Emerging Sources Citation Index) Derivatives with respect to lifts of the Riemannian metric of the format  ${}^f\tilde{G}={}^Sg_f+{}^Hg$  on  $TM$  over a Riemannian manifold  $(M,g)$ , The Punjab University Journal of Mathematics, 51(1), 1-8.
- 17.** ÇAYIR, H., Yasemin SOYLU and Hülya DURUR (2019). (Emerging Sources Citation Index) Some Notes on Integrability Conditions, Sasaki Metrics and Operators on (1,1)-Tensor Bundle, Sigma Journal of Engineering and Natural Sciences (Sigma J Eng & Nat Sci), 37(2), 445-459.
- 18.** ÇAYIR, H., Fidan JABRAILZADE (2019). (Emerging Sources Citation Index) Some properties on lifting of Frenet formulas on tangent space  $TR^3$ , The Punjab University Journal of Mathematics, 51(8), 33-41
- 19.** ÇAYIR, H., Fidan JABRAILZADE (2019). (Emerging Sources Citation Index) On the Lifts of  $F(2K+S,S)$ -Structure Satisfying  $F^{2K+S}+F^S=0$ , ( $F \neq 0, K \geq 1, S \geq 1$ ) on Cotangent and Tangent Bundle, International Electronic Journal of Geometry (IEJG), 12(1), 71-84.
- 20.** ÇAYIR, H., (2019). (Emerging Sources Citation Index) Euler-Lagrangian dynamical systems with respect to horizontal and vertical lifts on tangent bundle. Sigma Journal of Engineering and Natural Sciences (Sigma J Eng & Nat Sci), 37(4), 1289-1296.
- 21.** ÇAYIR, H., Yasemin SOYLU, Gökhan KÖSEOĞLU (2019). (Emerging Sources Citation Index) Some properties concerning lifting of Bishop formulas on tangent space  $TR^3$ , The Punjab University Journal of Mathematics, 51(11), 115-122.
- 22.** Lovejoy S. Das, ÇAYIR, H., (2020). (Emerging Sources Citation Index) On the Integrability Conditions and Operators of the  $F((K+1),(K-1))$ -Structure Satisfying  $F^{K+1}+F^{K-1}=0$ , ( $F \neq 0, K \geq 2$ ) on Cotangent Bundle and Tangent Bundle, International Electronic Journal of Geometry (IEJG), 13(1), 94-106.
- 23.** ÇAYIR, H., (2020). (Emerging Sources Citation Index) Operators on Metallic Riemannian Structures, The Honam Mathematical Journal, 42(1), 63-74.
- 24.** ÇAYIR, H., (2020). (Emerging Sources Citation Index) Some Notes on the Modified Riemannian Extension  $\tilde{g}_{V,c}$  on Cotangent Bundle. Journal of Science and Arts, 53(4), 931-940.

- 25.** ÇAYIR, H., (2021). (Emerging Sources Citation Index) The Transformation of the Involute Curves Using by Lifts on  $R^3$  to Tangent Space  $TR^3$ . Tbilisi Mathematical Journal, 14(1), 119-134.
- 26.** ÇAYIR, H., (2021). (Emerging Sources Citation Index), Some Notes on Lifts of the  $F((v+1), \lambda^2(v-1))$ -Structure on Cotangent and Tangent Bundle. Communications Faculty of Sciences University of Ankara A1; Mathematics and Statistics, 70(1), 241-264.
- 27.** Habil FATTAYEV, ÇAYIR, H., (2021). (Emerging Sources Citation Index) Lifts of Connections to the Bundle of (1,1) Type Tensor Frames. Sigma Journal of Engineering and Natural Sciences (Sigma J Eng & Nat Sci), 39(2), 177-183.
- 28.** ÇAYIR, H., Ahmet BAHADIR, Betül CAN UZUN. (2021). (Emerging Sources Citation Index) Some Research Notes on Lifts of the HSU-(4,2)-Structure on Cotangent and Tangent Bundle. Journal of Science and Arts, 3(56), 763-782.
- 29.** ÇAYIR, H., (2021). (Mathematical Reviews, Zentralblatt fur Mathematik (Germany)). On the Lifts of  $F^K + F = 0, (F \neq 0, K \geq 0)$ -Structure on Cotangent and Tangent Bundle. Konuralp Journal of Mathematics, 9(2), 281-291.
- 30.** ÇAYIR, H., Tarana SULTANOVA. (2021). Some Notes on Integrability Conditions and Operators on Cotangent Bundle. News of Baku University (Bakı Universitetinin Xeberleri). 2, 39-52.
- 31.** ÇAYIR, H., (2021). (Emerging Sources Citation Index) The General  $F_{a,\lambda}(K,T)$ -Structure Satisfying  $aF^K + \lambda^r F^T = 0$  on  $M^n$  and Lifts Problems Associated with the Structure. Journal of Science and Arts, 57(4), 961-978.
- 32.** ÇAYIR, H., Rabia CAKAN AKPINAR, (2022). (Emerging Sources Citation Index) Derivatives with respect to horizontal and vertical lifts of the deformed complete lift metric  $G_f$  on tangent bundle., Boletim da Sociedade Paranaense de Matematica, 40, 1-6.
- 33.** ÇAYIR, H., Rabia CAKAN AKPINAR, (2022). (Emerging Sources Citation Index) Notes on lifting of Mannheim partner curve on tangent space  $TR^3$ , Journal of Mathematical Extension, 16(3), 1-10.
- 34.** ÇAYIR, H., Tarana SULTANOVA. (2022). (Emerging Sources Citation Index)  $\alpha$ -Sasakian,  $\beta$ -Kenmotsu and Trans-Sasakian Structures on the tangent bundle, Communications Faculty of Sciences University of Ankara A1; Mathematics and Statistics, 71(3), 682-688.
- 35.** ÇAYIR, H., Manouchehr Behboudi Asl (2022). (Emerging Sources Citation Index) Notes on operators, integrability and the purity conditions of the Sasakian metric according to the almost paracomplex structure in  $T(M^n)$ , Trans. Natl. Acad. Sci. Azerb. Ser. Phys.-Tech. Math. Sci., 42(4), 29-37.
- 36.** ÇAYIR, H., (2023). (Emerging Sources Citation Index) Some calculations on Kaluza-Klein metric with respect to lifts in tangent bundle., Boletim da Sociedade Paranaense de Matematica, 41, 1-7.

**37. ÇAYIR, H.**, Manouchehr Behboudi Asl (2023). (Emerging Sources Citation Index) Operators applied to lifts with respect to the diagonal lifts of affinor fields along a cross-section on  $T_q^p(M)$ , International Electronic Journal of Geometry (IEJG), 16(1), 104-110.

**38. ÇAYIR, H.**, Süleyman ŞENYURT. (2023). (Emerging Sources Citation Index) The Transformation of The Evolute Curves Using by Lifts on  $R^3$  to Tangent Space  $TR^3$ . Journal of Science and Arts, 00(0), 00-00.(accepted)

### **6.3. Ulakbim tarafından taranan ulusal hakemli dergilerde yayımlanmış makaleler:**

**1. ÇAYIR, H.**, (2016). (ULAKBİM) Tachibana and Vishnevskii Operators Applied to  $X^V$  and  $X^C$  in Almost Paracontact Structure on Tangent Bundle  $T(M)$ , Ordu Üniversitesi Bilim ve Teknoloji Dergisi, 6 (1), 67-82.

**2. ÇAYIR, H.**, (2017). (ULAKBİM) Integrability Conditions and Tachibana Operators According to  ${}^{cc}F - \frac{1}{2}\gamma(NF)$  on Semi Cotangent Bundle  $t^*(M_n)$ , Karaelmas Fen ve Mühendislik Dergisi (Karaelmas Science and Engineering Journal), 7 (1), 165-170.

**3. ÇAYIR, H.**, (2018). (ULAKBİM) Covariant Derivatives of Structures with Respect to Lifts on Tangent Bundle  $T(M)$ , Karaelmas Fen ve Mühendislik Dergisi (Karaelmas Science and Engineering Journal), 8 (1), 273-278.

### **6.4. Yazılan Ulusal/Uluslararası Kitaplar veya Kitaplardaki Bölümler:**

#### **6.4.1 Yazılan Uluslararası Kitaplar:**

**1. ÇAYIR, H.**, (2023). STRUCTURES ON THE MANIFOLDS AND BUNDLES & LIFT PROBLEMS (in English), Nobel Publishing, Ankara, Turkey, pp:1-500, (Publishing No: 1775, ISBN:978-625-398-855-5, E-ISBN:978-625-398-856-2, Edition:1st Edition, September 2023).

#### **6.4.2 Yazılan Uluslararası Kitaplardaki Bölümler:**

**1. ÇAYIR, H.**, (2021). Bölüm adı: Notes on the Almost Lorentzian R-Paracontact Structures on Tangent Bundle. Resarch & Reviews in Science and Mathematics. Gece Kitaplığı Yayınevi, Editör: Prof. Dr. Hasan AKGÜL, Basım Sayısı:1, ISBN: 978-625-7342-80-3, İngilizce (Bilimsel Kitap).

### **6.5. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler:**

**1. Salimov, A.A., Cayir, H.** Some Remarks On Almost Paracontact Structures, May 29-31,2013, Bakü, Azerbaijan.

**2. Cayir, H.** Some Notes on Almost Lorentzian r-Paracontact Structures on Tangent Bundle  $T(M)$ , 14th International Geometry Symposium, 25-28 May 2016, Denizli, Turkey.

**3. Cayir, H.** Some Notes on Integrability Conditions and Tachibana operators on Cotangent Bundle  $T^*(M_n)$  ,14th International Geometry Symposium, 25-28 May 2016, Denizli, Turkey.

**4. Cayir, H.** Some Notes on Integrability Conditions and Operators on Cotangent Bundle  ${}^cT(M_n)$ , 15<sup>th</sup> International Geometry Symposium, Amasya University, Amasya, Turkey, 3-6 July 2017.

**5. Cayir, H., Akdağ, K.** Some Notes on the Diagonal Lifts and Operators on Cotangent Bundle, 15<sup>th</sup> International Geometry Symposium, Amasya University, Amasya, Turkey, 3-6 July 2017.

**6. Cayir, H., Köseoğlu, G.** Notes on the Cheeger-Gromoll metric  ${}^{CG}g$  on Cotangent Bundle, 15<sup>th</sup> International Geometry Symposium, Amasya University, Amasya, Turkey, 3-6 July 2017.

**7. Cayir, H.** On the Diagonal Lifts of Affinor Fields along a Cross-Section on  $T_q^p(M)$ , International Conference on Computational and Statistical Methods in Applied Sciences, Samsun 19 Mayıs University, Samsun, Turkey, 9-11 November 2017

**8. Cayir, H., Köseoğlu, G.** Some Notes on Lifts of the Modified Riemannian Extension  ${}^{g_{V,C}}$  on Cotangent Bundle, International Conference on Computational and Statistical Methods in Applied Sciences, Samsun 19 Mayıs University, Samsun, Turkey, 9-11 November 2017.

**9. Cayir, H., Akdağ, K.** Some Notes on Metalic Riemannian Structures, International Conference on Computational and Statistical Methods in Applied Sciences, Samsun 19 Mayıs University, Samsun, Turkey, 9-11 November 2017

**10. Cayir, H.** Metric and Operators on (1,1)-Tensor Bundle, International Conference on Computational and Statistical Methods in Applied Sciences, Samsun 19 Mayıs University, Samsun, Turkey, 9-11 November 2017

**11. Cayir, H., Şenyurt, S. and Akdağ, K.,** On The Riemannian Metrics Of The Form  ${}^jG = {}^Sg_f + {}^Hg$  On The Tangent Bundle, International Conference on Mathematics and Mathematics Education (ICMME-2018), Ordu University, Ordu, 27-29 June 2018, p.p : 447

**12. Cayir, H., Şenyurt, S. and Köseoğlu, G.,** Some Notes On The Diagonal Lifts Of Affinor Fields Along A Cross-Section On  $T_q^p(M)$ , International Conference on Mathematics and Mathematics Education (ICMME-2018), Ordu University, Ordu, 27-29 June 2018, p.p : 465

**13. Cayir, H., Şenyurt, S.,** The Transformation of the Evolute Curves Using by Lifts on  $R^3$  to Tangent Space  $TR^3$ , 17<sup>th</sup> International Geometry Symposium. June 19-22, 2019. Erzincan Binali Yıldırım University, Erzincan-TURKEY.

**14. Cayir, H., Soylu, Y.,** Hamiltonian Mechanical Systems With Respect to the Lifts of Almost Product Structure on Cotangent Bundle., 17<sup>th</sup> International Geometry Symposium June 19-22, 2019. Erzincan Binali Yıldırım University, Erzincan-TURKEY.

**15. Cayir, H., Durur, H.,** Euler-Lagrangian Dynamical Systems With Respect to an Almost Product Structure on Tangent Bundle., 17<sup>th</sup> International Geometry Symposium June 19-22, 2019. Erzincan Binali Yıldırım University, Erzincan-TURKEY.

**16. Cayir, H.,** Euler-Lagrangian Dynamical Systems With Respect to Horizontal and Vertical Lifts on Tangent Bundle, 8th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2019), August 27-30, 2019, Baku, Azerbaijan.

**17. Cayir, H.**, The Transformation of the Involute Curves Using by Lifts on  $R^3$  to Tangent Space  $TR^3$ , 8th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2019), August 27-30, 2019, Baku, Azerbaijan.

**18. Cayir, H.**, Almost Lorentzian r-Paracontact Structures with Respect to Complete and Vertical Lifts on Tangent Bundle  $T(M)$ , Karadeniz I. Uluslararası Multidisiplinler Çalışmalar Kongresi, 15-17 Mart 2019, Giresun, Turkey.

**19. Cayir, H.**, The Lie Derivatives of the Almost Lorentzian r-Paracontact Structures According to Horizontal and Vertical Lifts on Tangent Bundle, Karadeniz I. Uluslararası Multidisiplinler Çalışmalar Kongresi, 15-17 Mart 2019, Giresun, Turkey.

#### **6.6 Ulusal bilimsel toplantılarında sunulan ve bildiri kitabı basılan bildiriler:**

**1.Cayir,H.** Manifoldlar üzerindeki almost paracontact yapıların liftleri üzerindeki metrik tensör alanlarının pürlük ve integrallenebilme şartları, 13. Ulusal Geometri Sempozyumu 27-30 July 2015 Yıldız Teknik Üniversity, İstanbul, Turkey.

**2.Cayir, H.** Covariant Derivatives of Almost Contact Structure and Almost Paracontact Structure, 13. Ulusal Geometri Sempozyumu, 27-30 July 2015 Yıldız Teknik Üniversity, İstanbul, Turkey.

#### **6.7 Çalıştaylar:**

**1. Cayir, H.**, Topoloji-Geometri Çalışayı, Hacettepe-2017 (10 Şubat 2017), Hacettepe Üniversitesi Fen Fakültesi Matematik Bölümü Beytepe, ANKARA.

**Başlık:** Tanjant Demet, Kotanjant Demet ve (1,1)-Tensör Demeti içerisinde Almost Kontakt, Almost Parakontakt, Almost Kompleks ve Almost Parakompleks Yapılar ile Operatörler.

### **7. Projeler**

#### **7.1. Bitirilen Projeler**

**1.Proje Adı:** Tangent Demet Üzerinde Almost Lorentzian r-Paracontact Yapıların Liftlere Göre (Kovaryant ve Lie) Türevleri ile (1,1)-Tensör Demeti üzerinde Yapıların integrallenebilirlik şartları ve Cheeger-Gromoll tipli metriklerin Türevleri.

(Proje Yöneticisi/ Başlangıç: 08/05/2017-09/10/2017)

(Giresun Üniversitesi Bilimsel Araştırma Projesi(GÜBAP)- Project No:FEN-BAP-A-160317-49, 2017)

**2.Proje Adı:** Norden Manifoldları Proje No:108T590 -MAYIS 2011. Bursiyer Katılımcı (TÜBİTAK ARAŞTIRMA PROJESİ)

**3.Proje Adı:** Tensör Yapıları-Proje No : 112T111. .Bursiyer Katılımcı (TÜBİTAK ARAŞTIRMA PROJESİ)

#### **8. Yönetiminde Bitirilen Yüksek Lisans Tezleri:**

**1. Gökhan KÖSEOĞLU**, Tanjant Demet İçerisinde Yapılar ve Bunlara Uygulanan Lie Türevleri (**Structures and the Lie Derivatives Applied Them on Tangent Bundle  $T(M)$** ), **2015-02/06/2017**.

**2. Kübra AKDAĞ**, Kotanjant Demet  $T^*(M^n)$  İçerisinde Operatörler ve Diagonal Liftlerle İlişkili Almost Paracomplex Yapılar (**Almost Paracomplex Structures Associated with the Diagonal Lifts And Operators On Cotangent Bundle  $T^*(M^n)$** ), **2015-02/06/2017**.

**3. Selin ALTI**, Tanjant Demet İçerisinde Yapılar ve Bunlara Uygulanılan Kovaryant Türevler (**Structures and the Covariant Derivatives Applied Them on Tangent Bundle T(M)**), **04/05/2018.** (**İKİNCİ(EŞ) DANIŞMAN**)

**4. Ahmet BAHADIR**,  $M^n$  Üzerinde  $aJ^K + \lambda^r J^T = 0$  Şartını Sağlayan Genel  $J_{a,\lambda}(K,T)$ -Yapısı ve Bu Yapıyla İlgili Lift Problemleri (**The General  $J_{a,\lambda}(K,T)$  Structure Satisfying  $aJ^K + \lambda^r J^T = 0$  on  $M^n$  and Lift Problems Associated With This Structure**), **26/12/2022**.

**5. Betül CAN UZUN**,  $\alpha$ - Sasakian  $\beta$ - Kenmotsu ve Trans Sasakian Yapılar ve Bu Yapıların Tanjant Demete Taşınması ( **$\alpha$ -Sasakian,  $\beta$ - Kenmotsu and Trans Sasakion Structures and Their Transformation on the Tangent Bundle**), **26/12/2022**.

**6. Emine Gülsah OKUTAN**,  $R^3$  Üzerinde Tanımlı Olan Evolute Eğrilerin Liftler Yardımıyla  $TR^3$  Tanjant Demetine Taşınması (**The Transformation of the Evolute Curves Using by Lifts on  $R^3$  to Tangent Bundle  $TR^3$** ), **26/12/2022**.

**7. Habip TOPKARAOĞLU**,  $R^3$  De Tanımlı Olan Involute Eğrilerin Tanjant Uzay  $TR^3$  Üzerine Taşınması (**The Transformation of the Involutive Curves Using by Lifts on  $R^3$  to Tangent Bundle  $TR^3$** ), **26/12/2022**.

## **9. Bilimsel Kuruluşlara Üyelikler:**

### **9.1. Hakemlikler:**

**9.1.1 "Eastern Anatolian Journal of Science, 2015"** Ağrı İbrahim Çeçen Üniversitesi

**9.1.2 "Journal of Logic, Mathematics and Linguistics in Applied Sciences 2016"** Bitlis Eren Üniversitesi, Fen Edebiyat Fakültesi

**9.1.3 "New Trends in Mathematical Sciences"** Yıldız Teknik University-TÜRKİYE 2016

**9.1.4 "Konuralp Journal of Mathematics"** Düzce University 2017

**9.1.5 "Turkish Journal of Mathematics"** TÜBİTAK-TÜRKİYE 2017

**9.1.6 "Turkish Journal of Mathematics"** TÜBİTAK-TÜRKİYE 2018

**9.1.7 "Turkish Journal of Mathematics"** TÜBİTAK-TÜRKİYE 2019

**9.1.8 "Turkish Journal of Mathematics"** TÜBİTAK-TÜRKİYE 2019

## **10. Ödüller:**

TÜRKİYE. TÜBİTAK UBYT kapsamında uluslararası yayın teşvik ödülü 2013.

TÜRKİYE. TÜBİTAK UBYT kapsamında uluslararası yayın teşvik ödülü 2019.

## **11. Vermiş Olduğu Lisans ve Yüksek Lisans Dersleri:**

### **11.1. Lisans Dersleri:**

- a) Elementer Geometri
- b) Geometriden Seçme Konular
- c) Lineer Cebir
- d) Cebire Giriş

- e) Diferansiyel Denklemler
- f) Matematik Tarihi
- g) Hareket Geometrisi
- h) Diferansiyel Geometri I
- i) Diferansiyel Geometri II
- j) Analitik Geometri I
- j) Analitik Geometri II

## **11.2. Yüksek Lisans Dersleri:**

- a) Tensör Demetleri ve Lifleri I
- b) Tensör Demetleri ve Lifleri II
- c) Bilimsel Araştırma Teknikleri ve Yayın Etiği

## **12. İdari Görevler:**

### **12.1. Matematik Bölümü Geometri Anabilim Dalı Başkanlığı (5.11.2015 , 09.12.2021 )**

#### **13. Adres:**

Giresun Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, GİRESUN.

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