

Asst. Prof. HASAN ES

Personal Information

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Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 1995 - 2003

Post Graduate, Gazi University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 1989 - 1994

Under Graduate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 1985 - 1989

Dissertations

Doctorate, Hareketler ve dokuz farklı geometri, Ankara University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2003

Post Graduate, Paralel Hiperyüzeyler teorisi ve kinematikteki uygulaması, Gazi University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 1993

Research Areas

Natural Sciences

Academic Titles / Tasks

Assistant Professor, Gazi University, Gazi Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi, 2011 - Continues

Professional Experience

University Executive Board Member, Gazi University, Gazi Eğitim Fakültesi, 2018 - 2020

Vice Dean, Gazi University, Gazi Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2016 - 2020

Head of Department, Kahramanmaraş Sutcu Imam University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2009 - 2010

Head of Department, Kahramanmaraş Sutcu Imam University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2008 - 2010

Courses

Tez Hazırlık Dersi, Doctorate, 2017 - 2018

İleri Hareket Geometrisi, Doctorate, 2017 - 2018

UZMANLIK ALAN DERSİ, Doctorate, 2017 - 2018

Tez Danışmanlığı, Doctorate, 2017 - 2018

Tez Danışmanlığı, Post Graduate, 2017 - 2018

LİNEER CEBİR-II, Under Graduate, 2017 - 2018

UZMANLIK ALAN DERSİ, Post Graduate, 2017 - 2018

LİNEER CEBİR-I, Under Graduate, 2017 - 2018
Kuaterniyonlar Teorisi (Alan), Doctorate, 2017 - 2018

Advising Theses

- ES H., Matematik öğretmenlerinin grafik materyallerine yönelik bilgilerinin geliştirilmesi sürecinin incelenmesi, Doctorate, A.YILDIZ(Student), 2020
- ES H., FARKLILAŞTIRILMIŞ MATEMATİK ÖĞRETİMİNİN ÖZEL YETENEKLİ VE ÜSTÜN ZEKÂLI ÖĞRENCİLERİN AKADEMİK BAŞARI, TUTUM, ELEŞTİREL DÜŞÜNME VE YARATICILIKLARINA ETKİSİ, Doctorate, B.NUR(Student), 2020
- ES H., Investigation Of The Relationship Between Modelling Skills On Fraction Operations And The Attitude Towards Mathematics Of Secondary School Students, Post Graduate, K.NUR(Student), 2018
- ES H., Investigation of field-dependent and field independent cognitive styles of seventh grade students in geometry problem solving and mathematical process development, Post Graduate, E.PEKER(Student), 2017
- ES H., Analysis Of The Skills And Attitudes Towards The Use Of Analysis Language Among Candidate Primary School Mathematics Teachers, Post Graduate, A.AKDENİZ(Student), 2016
- ES H., An inquiry into the attitudes of the prospective primary education math teachers towards analytical geometry and their field language skills, Post Graduate, B.NUR(Student), 2015
- ES H., Analysis Of The Skills And Attitudes Towards The Use Of Geometry Language Among Candidate Primary School Mathematics Teachers, Post Graduate, S.HİLAL(Student), 2015
- ES H., The Effect Of Teaching Activities Appropriate For 5e Model On Secondary School 2nd Grade Students' Academic Achievement In Mathematics Lesson Of Algebra, Z.Kaymakçı(Student), 2015
- ES H., 5E öğrenme modeline göre hazırlanan etkinliklerin ortaokul 2. sınıf öğrencilerinin akademik başarılarına etkisi, Post Graduate, Z.KAYMAKÇI(Student), 2015
- ES H., The influence of 5E learning cycle model on 6th grade students' geometric achievement and Van Hiele gometric thinking levels, Post Graduate, A.YILDIZ(Student), 2014

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **AFFINE ROTATION SURFACES OF ELLIPTIC TYPE IN AFFINE 3-SPACE**
Hasan E. S.
THERMAL SCIENCE, vol.24, 2020 (Journal Indexed in SCI)
- II. **On Some Curves with Modified Orthogonal Frame in Euclidean 3-Space**
Lone M. S. , Hasan E. S. , KARACAN M. K. , BÜKCÜ B.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, vol.43, pp.1905-1916, 2019
(Journal Indexed in SCI)
- III. **Mannheim curves with modified orthogonal frame in Euclidean 3-space**
Lone M. S. , ES H., KARACAN M. K. , BÜKCÜ B.
TURKISH JOURNAL OF MATHEMATICS, vol.43, no.2, pp.648-663, 2019 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **8.SINIF MATEMATİK DERSİNDE BİLGİSAYAR ANİMASYONLARI İLE İSPAT ÖĞRETİMİNİN AKADEMİK BAŞARIYA ETKİSİ**
YILMAZ G., ES H.
INTERNATIONAL JOURNAL OF SOCIAL, HUMANITIES AND ADMINISTRATIVE SCIENCES, 2021 (Refereed Journals of Other Institutions)
- II. **DEVELOPMENT OF RUBRIC FOR THE EVALUATION OF SEMANTIC FEATURE ANALYSIS CHART IN MATHEMATICS**

Yıldız A., ES H., TÜRKDOĞAN A.

International Journal of Education Technology and Scientific Researches, 2021 (Refereed Journals of Other Institutions)

- III. **Matematikte Kavram Karikatürlerinin Değerlendirilmesine Yönelik Puanlama Anahtarının Geliştirilmesi**
YILDIZ A., ES H., TÜRKDOĞAN A.
Anadolu Journal of Educational Sciences International, 2021 (Other Refereed National Journals)
- IV. **Surfaces of Revolution of Type 1 in Galilean 3-Space**
ÇAKMAK A., ES H., KARACAN M. K. , KIZILTUĞ S.
KYUNGPOOK MATHEMATICAL JOURNAL, vol.60, no.3, pp.585-597, 2020 (Journal Indexed in ESCI)
- V. **Complex-Clifford Tori and Special Complex Unitary Matrices**
ES H.
İğdir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 2020 (Other Refereed National Journals)
- VI. **Surfaces Generated by Translation Surfaces of Type 1 in I31**
KARACAN M. K. , ÇAKMAK A., KIZILTUĞ S., ES H.
Iranian Journal of Mathematical Sciences and informatics, 2020 (Refereed Journals of Other Institutions)
- VII. **Ortaokul Öğrencilerinin Kesirlerle İşlemleri Modelleme Becerilerinin, Matematik Tutumlarının ve Arasındaki İlişkinin Bazı Bağımsız Değişkenlere Göre İncelenmesi**
Işık K. N. , ES H.
Gazi Üniversitesi Gazi Eğitim Fakültesi Dergisi, vol.39, no.3, 2019 (Other Refereed National Journals)
- VIII. **TÜRKİYE'DE MATEMATİK EĞİTİMİNDE GRAFİK MATERYAL KULLANIMINA YÖNELİK ARAŞTIRMALAR: BİR İÇERİK ANALİZİ**
YILDIZ A., ES H., TÜRKDOĞAN A.
INESJOURNAL The Journal of International Educational Sciences, no.19, pp.30-42, 2019 (Other Refereed National Journals)
- IX. **First and Second Acceleration Poles in Unitary Geometry Homothetic Motions**
ES H.
International Journal of Mathematics and Statistics Invention (IJMSI), vol.7, pp.38-46, 2019 (Refereed Journals of Other Institutions)
- X. **First and second acceleration poles in lorentzian homothetic motions**
ES H.
Communications, Series A1: Mathematics and Statistics, 2018 (Other Refereed National Journals)
- XI. **İlköğretim Matematik Öğretmen Adaylarının Geometri Alan Dilini Kullanma Becerilerinin İncelenmesi**
ES H., GÜLTEKİN S. H.
Gazi Üniversitesi Gazi Eğitim Fakültesi Dergisi, 2018 (Other Refereed National Journals)
- XII. **Singular Points of Tubular Surfaces In Minkowski 3 space**
KARACAN M. K. , ES H., YAYLI Y.
Sarejevo Journal of mathematics, vol.14, pp.73-82, 2017 (Refereed Journals of Other Institutions)
- XIII. **Investigation Number Sense Test Achievements of Middle School Students According to Different Variables**
GÜREFE N., Öncül C., ES H.
American Journal of Educational Research, 2017 (Refereed Journals of Other Institutions)
- XIV. **5E Öğrenme Döngüsü Modelinin 6 Sınıf Öğrencilerinin Geometrik Başarı Ve Van Hiele Geometrik Düşünme Düzeylerine Etkisi**
YILDIZ A., ES H.
INESJOURNAL ULUSLARARASI EĞİTİM BİLİMLERİ DERGİSİ The Journal of International Education Science, 2015 (Other Refereed National Journals)
- XV. **The Effect of conceptual Change texts on Understanding of height Concept of secondary School 5 th Class Students**
Gürefe N., yarar S. H. , Pazarbaşı S. H. , ES H.
International Journal Of Educational Studies in Mathematics, vol.1, pp.58-68, 2014 (Refereed Journals of Other

- Institutions)
- XVI. **First And Second Acceleration Poles In Homothetic Motions**
 ES H.
 International Journal of Applied Mathematics, vol.26, no.4, pp.489-499, 2013 (Refereed Journals of Other Institutions)
- XVII. **Singular Points of Tubular Surfaces**
 ES H., KARACAN M. K. , YAYLI Y.
 Journal Of Xuzhou Normal University (Natural Science Edition), vol.27, no.4, pp.30-33, 2009 (Refereed Journals of Other Institutions)
- XVIII. **Üniter Geometri Kinematiği**
 ES H.
 Fen ve Mühendislik Dergisi, 2006 (Other Refereed National Journals)
- XIX. **ÖKLİD DÜZLEMİNDE BİRİNCİ VE İKİNCİ İVME POLLERİ**
 ES H.
 DUMLUPINAR ÜNİVERSİTESİ FENBİLİMLERİ ENİSTİTÜSÜ DERGİSİ, no.5, pp.97-106, 2003 (Other Refereed National Journals)
- XX. **MİNKOWSKI DÜZLEMİNDE BİRİNCİ VE İKİNCİ İVME POLLERİ**
 ES H.
 DUMLUPINAR ÜNİVERSİTESİ FENBİLİMLERİ ENİSTİTÜSÜ DERGİSİ, no.4, pp.123-132, 2003 (Other Refereed National Journals)
- XXI. **PARALEL HİPERYÜZEYLERDE YÖRÜNGEHORTUM KABUĞUNUN HACMI**
 ES H.
 DUMLUPINAR ÜNİVERSİTESİ FENBİLİMLERİ ENİSTİTÜSÜ DERGİSİ, no.1, pp.255-264, 1999 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **Involutions in Elliptic Quaternion**
 ES H., BEKAR M.
 2nd International Conference on Mathematical Advances and Applications (ICOMAA - 2019), 3 - 05 May 2019
- II. **Involutions in Elliptic Biquaternions**
 ES H., BEKAR M.
 2nd International Conference on Mathematical Advances and Applications (ICOMAA - 2019), 3 - 05 May 2019
- III. **Ortaokul Öğrencilerinin Sayı Duyusundaki Başarısı ve Özyeterliği**
 Yazar S. H. , ES H., GÜREFE N.
 5th INTERNATIONAL IFS AND CONTEMPORARY MATHEMATICS CONFERENCE, 5 - 09 September 2018
- IV. **Surfaces of Revolution in G_3**
 ÇAKMAK A., KARACAN M. K. , KIZILTUĞ S., ES H.
 16th International Geometry Symposium, Manisa, Turkey, 4 - 07 July 2018
- V. **Legendre Curves and Rectifying Developable Surfaces**
 BEKAR M., ES H., YAYLI Y.
 2nd International Scientific and Vocational Studies Congress, 5 - 08 July 2018
- VI. **Rotation Minimizing Frame and Ruled Surfaces**
 BEKAR M., ES H., YAYLI Y.
 2nd International Scientific and Vocational Studies Congress, 5 - 08 July 2018
- VII. **Acceleration centres of order (r-1) of Homothetic Motions**
 ES H.
 2nd International Conference On Mathematical Advances and Applications(ICOMAA-2018), 11 - 13 May 2018
- VIII. **Kuaterniyonlar ve E4 Te Hamilton Hareketleri**
 ES H.

2. uluslararası Multidisipliner Çalışmalar Kongresi, 4 - 05 May 2018

IX. Stationary Acceleration Curves Geometry

ES H., YAYLI Y.

15th International Geometry Symposium, 3 - 06 July 2017

X. Investigation of Number Sense Achievements on Secondary School Students According to Various Variables

GÜREFE N., ES H., Öncül C.

International Conference on Computational Mathematics and Engineering Sciences, 20 - 22 May 2017

XI. Bazı Geometrik Şekillerdeki Yüksekliğin Belirlenmesinde Yedinci Sınıf Öğrencilerinin Bilgileri

Gürefe N., Gültekin S. H. , ES H.

III. International Eurasian Educational Research Congress(EJER), 1 - 03 July 2016

XII. 5E Öğrenme Döngüsü Modelinin 6.Sınıf Öğrencilerinin Geometrik Başarı ve Van Hiele Geometrik Düşünme Düzeylerine Etkisi

YILDIZ A., ES H.

14.Matematik Sempozyumu Niğde Üniversitesi, 14 May 2016

XIII. The effect of Conceptual Change Texts on Understanding of Height Concept of Secondary school 5 th Class students

GÜREFE N., YARAR S. H. , PAZARBAŞI B. N. , ES H.

International university of Sarajevo, 06 August 2014

Citations

Total Citations (WOS):5

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