

Prof. HAKAN EFE

Personal Information

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Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2003 - 2009

Post Graduate, Gazi University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 2001 - 2003

Under Graduate, Gazi University, Fen-Edebiyat Fakültesi, Matematik Pr., Turkey 1991 - 1995

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Fuzzy metrik uzaylar ve uygulamaları, Gazi University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2008

Post Graduate, Topolojik dinamikler ve diferensiyel denklemler, Gazi University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2003

Research Areas

Functional Analysis, General Topology

Academic Titles / Tasks

Professor, Gazi University, Fen Fakültesi, Matematik Bölümü, 2018 - Continues

Associate Professor, Gazi University, Fen Fakültesi, Matematik Bölümü, 2011 - 2018

Assistant Professor, Gazi University, Fen Fakültesi, Matematik, 2009 - 2011

Research Assistant, Gazi University, Fen Fakültesi, Matematik Bölümü, 2000 - 2009

Advising Theses

EFE H., fuzzy antinormlu uzaylar, Post Graduate, E.SANLI(Student), 2019

EFE H., Topolojik uzaylar üzerinde topolojik genelleştirilmiş gruplar yardımıyla oluşturulan grupların demeti üzerine, Doctorate, H.ASLAN(Student), 2019

EFE H., Fuzzy metrik uzaylar ve sezgisel fuzzy metrik uzaylar üzerine, Doctorate, E.YİĞİT(Student), 2018

EFE H., On Fuzzy Metric Spaces And Intuitionistic Fuzzy Metric Spaces, E.Yiğit(Student), 2018

EFE H., Some Special Maps And Their Properties In Fuzzy N-Normed Spaces, Doctorate, M.RECAİ(Student), 2015

EFE H., Non-Newtonian Analysis And Its Applications, Doctorate, U.KADAK(Student), 2015

EFE H., Principal and strong fuzzy metric spaces, Post Graduate, M.IRMAK(Student), 2014

EFE H., N-normlu uzaylar, Post Graduate, E.YİĞİT(Student), 2012

EFE H., Operators in fuzzy normed spaces, Post Graduate, M.RECAİ(Student), 2011

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

- I. **On strong intuitionistic fuzzy metrics**
EFE H., Yigit E.
JOURNAL OF NONLINEAR SCIENCES AND APPLICATIONS, vol.9, no.6, pp.4016-4038, 2016 (Journal Indexed in SCI)
- II. **On Uniform Convergence of Sequences and Series of Fuzzy-Valued Functions**
Kadak U., EFE H.
JOURNAL OF FUNCTION SPACES, vol.2015, 2015 (Journal Indexed in SCI)
- III. **Matrix Transformations between Certain Sequence Spaces over the Non-Newtonian Complex Field**
Kadak U., EFE H.
SCIENTIFIC WORLD JOURNAL, 2014 (Journal Indexed in SCI)
- IV. **ON THE CATEGORY OF INTUITIONISTIC FUZZY METRIC SPACES**
EFE H., Gumus S., Yildiz C.
JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.12, no.2, pp.436-443, 2010 (Journal Indexed in SCI)
- V. **SOME RESULTS IN FUZZY COMPACT LINEAR OPERATORS**
EFE H., Yildiz C.
JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.12, no.1, pp.251-262, 2010 (Journal Indexed in SCI)
- VI. **Fuzzy multi-metric spaces**
EFE H., Alaca C., Yildiz C.
JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.10, no.3, pp.367-375, 2008 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Trigonometric t-approximation**
ASLAN H., EFE H.
The Journal of Fuzzy Mathematics, vol.28, no.3, pp.657-672, 2020 (Refereed Journals of Other Institutions)
- II. **CONVEXITY AND HYPERCONVEXITY IN FUZZY METRIC SPACE**
EFE H., YİĞİT DAKMAZ E.
Journal Of Computational Analysis And Applications, vol.27, no.1, pp.50-58, 2019 (Refereed Journals of Other Institutions)
- III. **Topological Characterizations for sheaf of the groups formed by Topological Generalized groups**
ASLAN H., EFE H.
Sakarya University Journal of Science, vol.3, no.23, pp.313-321, 2019 (Refereed Journals of Other Institutions)
- IV. **Convexity and hyperconvexity in fuzzy metric spaces**
YİĞİT DAKMAZ E., EFE H.
Journal Of Computational Analysis And Applications, vol.27, pp.50-58, 2019 (Refereed Journals of Other Institutions)
- V. **A New Approach Comparison of the Farthest Point Map in Fuzzy and Classic N-Normed Spaces with Examples**
TÜRKMEN M. R. , EFE H.
Journal of Applied Mathematics and Computation, vol.2, no.12, pp.557-567, 2018 (Refereed Journals of Other Institutions)

- VI. **The Sheaf of the Groups Formed by Topological Generalized Group over Topological Spaces**
ASLAN H., EFE H.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.31, no.4, pp.1202-1211, 2018 (Journal Indexed in ESCI)
- VII. **Intuitionistic fuzzy metrics by combination of several distance criteria**
YİÇİT DAKMAZ E., EFE H.
Gazi University Journal Of Science, vol.30, pp.413-429, 2017 (Other Refereed National Journals)
- VIII. **Intuitionistic Fuzzy Metrics Deduced by Combination of Several Distance Criteria**
Yigit E., EFE H.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.30, no.1, pp.413-429, 2017 (Journal Indexed in ESCI)
- IX. **The construction of Hilbert spaces over the non-Newtonian field**
KADAK U., EFE H.
International Journal of Analysis, 2014 (Refereed Journals of Other Institutions)
- X. **On some properties of closability of farthest point maps in fuzzy n-Normed spaces**
TÜRKMEN M. R. , EFE H.
i-Manager'xss Journal on Mathematics, vol.2, no.4, pp.33-38, 2013 (Refereed Journals of Other Institutions)
- XI. **Some partial metric spaces of sequences and functions**
KADAK U., BAŞAR F., EFE H.
Gen.Math.Notes, vol.19, no.2, pp.10-36, 2013 (Refereed Journals of Other Institutions)
- XII. **On intuitionistic fuzzy Banach spaces**
ALACA C., EFE H.
International Journal of Pure and Applied Mathematics, vol.32, pp.347-364, 2006 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **ÖABT Lise Matematik Öğretmenliği - Detaylı Konu Anlatımı**
Efe H., Boğaz K.
Nobel Yayınevi, Ankara, 2020
- II. **2020 ÖABT İLKÖĞRETİM VE ORTAÖĞRETİM MATEMATİK ÖĞRETMENLİĞİ DİFERANSİYEL DENKLEMLER VE ANALİTİK GEOMETRİ VİDEO DERS NOTLARI**
Efe H.
Benim Hocam Yayıncılık, Ankara, 2020
- III. **2020 ÖABT İlköğretim ve Ortaöğretim Matematik Öğretmenliği Analiz Video Ders Notları**
Efe H.
Benim Hocam Yayınevi, Ankara, 2020
- IV. **ÖABT 2020 İlköğretim-Ortaöğretim Matematik Öğretmenliği Analiz Video Ders Notları**
Efe H.
Benim Hocam Yayıncılık, Ankara, 2019
- V. **ÖABT Lise Matematik Öğretmenliği Detaylı Konu Anlatımı**
EFE H., BOĞAZ K.
Nobel Akademik Yayıncılık, Ankara, 2019
- VI. **Lise Matematik Öğretmenliği Detaylı Konu Anlatımı**
EFE H., Boğaz K.
Nobel Akademik Yayıncılık, Ankara, 2018
- VII. **2020 ÖABT İlköğretim ve Ortaöğretim Matematik Öğretmenliği Video Ders Notları**
Efe H.
Benim Hocam Yayınevi, Ankara, 2017
- VIII. **ÖABT Ortaöğretim Matematik 1**
ATİK A., EFE H.
YEDİİKLİM YAYINCILIK, Ankara, 2017

IX. ÖABT Ortaöğretim Matematik 2

ATİK A., EFE H.

Yedi İklim Yayınları, Ankara, 2017

X. ÖABT İlköğretim Matematik

ATİK A., EFE H.

Yedi İklim Yayınları, Ankara, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. Statistical convergence of double sequences in fuzzy n-normed spaces**
TÜRKMEN M. R., EFE H.
3rd International Congress on Science and Education, Afyonkarahisar, Turkey, 21 - 24 March 2019, pp.1419-1423
- II. Lacunary Ideal Convergence in Fuzzy n-Normed Space**
TÜRKMEN M. R., EFE H.
II. International Congress on Science and Education 2018 (ICSE2018), Afyon, Turkey, 28 - 30 September 2018, pp.384-390
- III. The Sheaf of the Groups Formed by Topological Generalized Group over Topological Spaces**
ASLAN H., EFE H.
The Third International Conference on Computational Mathematics and Engineering Sciences (CMES-2018), Girne, Cyprus (Kkctc), 4 - 06 May 2018
- IV. A New Approach Comparison of the Farthest Point Map in Fuzzy and Classic n-Normed Spaces with Examples**
TÜRKMEN M. R., EFE H.
INTERNATIONAL CONFERENCE ON "OPERATORS IN MORREY-TYPE SPACES AND APPLICATIONS", 10 - 13 July 2017
- V. Some Properties of Soft Fuzzy Metric Spaces**
YİĞİT E., ŞOLA ERDURAN F., EFE H.
International Conference on Mathematics and Mathematics Education (ICMME-2017), Şanlıurfa, Turkey, 11 - 13 May 2017, pp.812-813

Citations

Total Citations (WOS):14

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