

Assoc. Prof. HACI AKTAŞ

Personal Information

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International Researcher IDs

ORCID: 0009-0001-6977-5133

Education Information

Doctorate, Erciyes University, Fen Bilimleri, Matematik, Turkey 1994 - 1997

Dissertations

Doctorate, Sonlu ve sonsuz mertebeli topolojik permütasyon gruplar üzerine, Erciyes University, Fen Fakültesi, 1997

Postgraduate, Transitif permütasyon gruplar, Erciyes University, Fen Fakültesi, 1994

Research Areas

Mathematics, General Algebraic Systems, Mathematical Logic and Foundations, Natural Sciences

Academic Titles / Tasks

Associate Professor, Erciyes University, Fen Fakültesi, Matematik, 2024 - Continues

Associate Professor, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, 2023 - 2024

Associate Professor, Erciyes University, Fen Fakültesi, Matematik, 2013 - 2016

Associate Professor, Nevşehir Üniversitesi, Fen Edebiyat Fakültesi, Matematik, 2009 - 2013

Assistant Professor, Nevşehir Üniversitesi, Fen Edebiyat Fakültesi, Matematik, 2008 - 2009

Assistant Professor, Gaziosman Paşa Üniversitesi, Fen Edebiyat Fakültesi, Matematik, 1998 - 2008

Research Assistant, Gaziosman Paşa Üniversitesi, Fen Edebiyat Fakültesi, Matematik, 1993 - 1998

Academic and Administrative Experience

Enstitü Yönetim Kurulu Üyesi, Nevşehir Hacı Bektas Veli University, Fen Bilimleri Enstitüsü, 2008 - 2013

Member of the Senate, Nevşehir Hacı Bektas Veli University, 2010 - 2012

Head of Department, Nevşehir Hacı Bektas Veli University, Enformatik, 2010 - 2012

Head of Department, Nevşehir Hacı Bektas Veli University, Fen Edebiyat Fakültesi, Matematik, 2008 - 2010

Head of Department, Tokat Gaziosmanpaşa University, Fen Edebiyat Fakültesi, Matematik, 2002 - 2005

Courses

Ayrık Matematik, Undergraduate, 2023 - 2024

Genel Matematik, Undergraduate, 2023 - 2024

Lineer Cebir, Undergraduate, 2022 - 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Correlation coefficient of r,s,t-spherical hesitant fuzzy sets and MCDM problems based on clustering algorithm and technique for order preference by similarity to ideal solution method**
ÖZLÜ Ş., AKTAŞ H.
Computational and Applied Mathematics, vol.43, no.8, 2024 (SCI-Expanded)
- II. **Soft decision making methods based on fuzzy sets and soft sets**
Aktas H., Cagman N.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.30, no.5, pp.2797-2803, 2016 (SCI-Expanded)
- III. **Some algebraic applications of soft sets**
Aktas H.
APPLIED SOFT COMPUTING, vol.28, pp.327-331, 2015 (SCI-Expanded)
- IV. **Cyclic Soft Groups and Their Applications on Groups**
Aktas H., Ozlu S.
SCIENTIFIC WORLD JOURNAL, 2014 (SCI-Expanded)
- V. **Soft int-group and its applications to group theory**
Cagman N., Citak F., Aktas H.
NEURAL COMPUTING & APPLICATIONS, vol.21, 2012 (SCI-Expanded)
- VI. **Soft sets and soft groups**
AKTAŞ H., Çağman N.
INFORMATION SCIENCES, vol.177, no.13, pp.2726-2735, 2007 (SCI-Expanded)
- VII. **A type of fuzzy ring**
AKTAŞ H., Çağman N.
ARCHIVE FOR MATHEMATICAL LOGIC, vol.46, pp.165-177, 2007 (SCI-Expanded)
- VIII. **Generalized product of fuzzy subgroups and t-level subgroups**
AKTAŞ H., Çağman N.
MATHEMATICAL COMMUNICATIONS, vol.11, pp.121-128, 2006 (SCI-Expanded)
- IX. **Successive sums in smooth groups and smooth cyclicgroups**
AKTAŞ H.
UTILITAS MATHEMATICA, vol.71, pp.21-31, 2006 (SCI-Expanded)
- X. **Some structure properties of the cyclic fuzzy group family**
AKTAŞ H., Çağman N.
ALGEBRA COLLOQUIUM, vol.12, no.3, pp.471-476, 2005 (SCI-Expanded)

Articles Published in Other Journals

- I. **ERROR CORRECTING SOFT CODES FOR ODD NUMBERS WHICH ARE EQUAL OR LESS THEN $(n/2-1)$**
AKTAŞ H., Özlü Ş.
Journal of new theory, no.2, pp.94-104, 2015 (Peer-Reviewed Journal)
- II. **On the Group Based Cryptography**
AKTAŞ H., Kalkan M.
Journal of Mathematics and System Science, no.4, pp.710-714, 2014 (Peer-Reviewed Journal)
- III. **Some results on isomorphic fuzzy subgroups**
AKTAŞ H.
Journal of mathematics and computer science, vol.12, no.2, pp.152-158, 2014 (ESCI)

- IV. **An application of the cryptography**
AKTAŞ H., Kalkan M.
Journal of Mathematics and computer Science, vol.11, no.2, pp.147-158, 2014 (ESCI)
- V. **Applications Of Soft Mapping**
AKTAŞ H., Çakır K.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.30, no.2, pp.112-114, 2014 (Peer-Reviewed Journal)
- VI. **Genelleştirilmiş Bulanık Esnek Cebirsel Yapılar**
AKTAŞ H., Bulut Ö.
SAÜ Fen Bilimleri Enstitüsü Dergisi, vol.17, no.3, pp.301-306, 2013 (Peer-Reviewed Journal)
- VII. **Self-Dual Codes from Smaller Lengths of Self-Dual Codes and Recursive Algorithm**
AKTAŞ H., Topcu H.
TWMS Journal of Pure and Applied Mathematic, vol.4, no.2, pp.177-186, 2013 (Peer-Reviewed Journal)
- VIII. **Esnek gruplar üzerine bazı cebirsel uygulamalar**
AKTAŞ H., Çakır K.
Gaziosmanpaşa bilimsel araştırma dergisi, vol.2, pp.35-40, 2013 (Peer-Reviewed Journal)
- IX. **Roughness in the field of quotients of an integral domain**
AKTAŞ H., Çıtak F.
ANNALS OF FUZZY MATHEMATICS AND INFORMATICS, vol.4, no.1, pp.73-81, 2012 (Peer-Reviewed Journal)
- X. **Fuzzy ballot paper and its election system**
AKTAŞ H., Çağman N.
SELÇUK JOURNAL OF APPLIED MATHEMATICS, vol.6, no.2, pp.53-58, 2005 (Peer-Reviewed Journal)
- XI. **Bulanık ve Yaklaşımlı Kümeler**
AKTAŞ H., Çağman N.
Journal of art and science, vol.3, pp.13-25, 2005 (Peer-Reviewed Journal)
- XII. **On Fuzzy Relation and Fuzzy Quotient Groups**
AKTAŞ H.
International Journal of Computational Cognition, vol.2, no.2, pp.71-79, 2004 (Peer-Reviewed Journal)
- XIII. **Sonsuz topolojik permütasyon gruplar**
AKTAŞ H.
Erciyes üniversitesi fen bilimleri enstitüsü dergisi, vol.18, pp.77-81, 2002 (Peer-Reviewed Journal)
- XIV. **Fuzzy numbers with non- central infinite level interval numbers**
AKTAŞ H., Çağman N.
Erciyes Üniversitesi Fen Bilimleri enstitüsü dergisi, vol.17, pp.72-78, 2001 (Peer-Reviewed Journal)
- XV. **Kuadratik rezidülerin grubu**
AKTAŞ H.
Journal of Qafqaz university, vol.3, no.1, pp.199-202, 2000 (Peer-Reviewed Journal)
- XVI. **On finite topological permutation groups**
AKTAŞ H.
Pakistan journal of Applied science, vol.2, no.1, pp.60-61, 2000 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Sayılar Teorisi**
AKTAŞ H., Karakaş B.
Gaziosmanpaşa Üniversitesi, Tokat, 1998

Activities in Scientific Journals

Journal of New Theory, Editor, 2014 - 2016

Scientific Refereeing

Kuwait Journal of Science, SCI Journal, October 2013

Annals of Fuzzy Mathematics and Informatics, Other journals, May 2013

Neural Computing and Applications(NCA), SCI Journal, January 2013

Iranian J. of Fuzzy Systems, SCI Journal, August 2010

Mobility Activity

Faculty Training Programme, Guest Researcher, Auburn University, United States Of America, 2012 - 2012

Metrics

Publication: 27

Citation (WoS): 923

Citation (Scopus): 1031

H-Index (WoS): 5

H-Index (Scopus): 6

Congress and Symposium Activities

International Conference on Natural Science and Engineering(ICNASE'16), Attendee, Kilis, Turkey, 2016

International Conference on Natural and Engineering(ICNASE'16), Attendee, Kilis, Turkey, 2016

XXIII. Ulusal matematik sempozyumu, Attendee, Kayseri, Turkey, 2010

Antalya Algebra days VIII, Attendee, Antalya, Turkey, 2006

XVIII. Ulusal matematik sempozyumu, Attendee, İstanbul, Turkey, 2005

Antalya Algebra days VII, Attendee, Antalya, Turkey, 2005

XVII. Ulusal Matematik sempozyumu, Attendee, Bolu, Turkey, 2004

XVI. Ulusal Matematik Sempozyumu, Attendee, Van, Turkey, 2003

Antalya Algebra days V, Attendee, Antalya, Turkey, 2003

XV. Ulusal matematik sempozyumu, Attendee, Mersin, Turkey, 2002