

YAVUZ KESİCİOĞLU

PROF.

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAM-2371-2020

ScopusID: 56030627800

Yoksis Researcher ID: 125150

Learning Knowledge

Post Doctorate 2014 - 2014	Carleton University, School of Mathematics and Statistics, Canada
Post Doctorate 2013 - 2013	Slovak University of Technology , Department of Mathematics and Descriptive Geometry, Slovakia
Post Doctorate 2012 - 2013	Carleton University, School of Mathematics and Statistics, Canada
Doctorate 2005 - 2011	Karadeniz Technical University, Fen Bilimleri Enstitüsü, Matematik Bölümü, Turkey
Doctorate 2005 - 2006	Universiteit Gent, Faculty of Sciences, Department Of Mathematics, Belgium
Postgraduate 2002 - 2005	Karadeniz Technical University, Fen Bilimleri Enstitüsü, Matematik Bölümü, Turkey
Undergraduate 1998 - 2002	Ataturk University, Fen Edebiyat Fakültesi, Matematik Bölümü, Turkey

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Vocational Training, Eğiticinin Eğitimi Semineri, Recep Tayyip Erdoğan Üniversitesi, 2019

Education Management and Planning, Akademik Düzeyde Araştırma Projesi Hazırlama Eğitimi, Tübitak, 2014

Vocational Training, Bilgilendirme ve Eğitim Semineri, TÜBİTAK, 2012

Dissertations

Doctorate, Γ^3 ve G_5 Hecke Gruplarının Alt Yörüngesel Grafları, Karadeniz Technical University, Güneysu Fizik Tedavi ve Rehabilitasyon Yüksekokulu, Matematik Bölümü, 2011
Postgraduate, $Reel\ C^*$ - Cebirlerinde Lie^* - İzomorfizmlerin Genişletilmesi, Karadeniz Technical University, Güneysu Fizik Tedavi ve Rehabilitasyon Yüksekokulu, Matematik Bölümü, 2005

Academic Titles / Tasks

Professor 2023 - Continues	Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü
Associate Professor 2018 - 2023	Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü
Assistant Professor 2018 - 2018	Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü
Assistant Professor 2011 - 2018	Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü
Research Assistant 2006 - 2011	Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü
Research Assistant 2002 - 2006	Karadeniz Technical University, Rize Fen Edebiyat Fakültesi, Matematik Bölümü

Supported Projects

1. KESİCİOĞLU Y., Project Supported by Higher Education Institutions, G_5 Hecke Grubunun $Q[\sqrt{5}]U_{\infty}$ Cusp Kümesi Üzerindeki Alt Yörüngesel Grafları, 2015 - 2018

Scholarships

Postdoctoral Research Fellowship, Carleton University (Canada), TUBITAK, 2014 - 2014
Postdoctoral Research Fellowship, Carleton University (Canada), YOK, 2012 - 2013
Bideb 2211 Yurt İçi Doktora Burs Programı, TUBITAK, 2006 - 2011
Erasmus Student Mobility, Ghent University (Belgium), European Commission, 2005 - 2006

Jury Memberships

Doctorate, Doctorate, Doğu Akdeniz Üniversitesi, December, 2023
Doctoral Examination, Doctoral Examination, Karadeniz Teknik Üniversitesi, September, 2023
Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, June, 2023
Post Graduate, Post Graduate, Recep Tayyip Erdoğan Üniversitesi, May, 2023

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Evaluation of the convolution sum $\sum_{a+b=m} \sigma_3(a)\sigma_3(b)$ for $(a,b)=(1,7),(7,1),(1,8),(8,1),(1,9),(9,1)$ and representations by certain quadratic forms in twelve variables**
Alaca Ş., KESİCİOĞLU Y.
Indian Journal of Pure and Applied Mathematics, 2023 (SCI-Expanded)
2. **On Suborbital Graphs for the Group $\Gamma(3)$**
Kesicioglu Y., AKBAŞ M.
BULLETIN OF THE IRANIAN MATHEMATICAL SOCIETY, vol.46, no.6, pp.1731-1744, 2020 (SCI-Expanded)
3. **Evaluation of the convolution sums $\sum_{a+b=m} \sigma_3(a)\sigma_3(b)$ and $\sum_{a+b=m} \sigma_3(a)\sigma_3(b)$**
Alaca S., Kesicioglu Y.
INTERNATIONAL JOURNAL OF NUMBER THEORY, vol.12, no.1, pp.1-13, 2016 (SCI-Expanded)
4. **Suborbital graphs for the group $\Gamma(2)$**
GÜLER B. Ö., Besenk M., KESİCİOĞLU Y., DEĞER A. H.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.44, no.5, pp.1033-1044, 2015 (SCI-Expanded)
5. **REPRESENTATIONS BY CERTAIN OCTONARY QUADRATIC FORMS WHOSE COEFFICIENTS ARE 1, 2, 3 AND 6**
Alaca S., Kesicioglu Y.
INTERNATIONAL JOURNAL OF NUMBER THEORY, vol.10, no.1, pp.133-150, 2014 (SCI-Expanded)
6. **Circuit lengths of graphs for the Picard group**
Besenk M., GÜLER B. Ö., DEĞER A. H., Kesicioglu Y.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2013 (SCI-Expanded)
7. **Connectedness of a suborbital graph for congruence subgroups**
Kesicioglu Y., AKBAŞ M., Besenk M.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2013 (SCI-Expanded)
8. **Disconnectedness of the subgraph $\Gamma(3)$ for the group $\Gamma(3)$**
AKBAŞ M., Kor T., Kesicioglu Y.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2013 (SCI-Expanded)

Articles Published in Other Journals

1. **Solutions of congruence equations via an imprimitive action of some modular subgroups**
Öztürk S., Kesicioğlu Y., Şengül H.
Advanced Studies: Euro-Tbilisi Mathematical Journal, vol.16, no.3, pp.139-143, 2023 (ESCI)
2. **EVALUATION OF THE CONVOLUTION SUM $\sum_{a+b=m} \sigma_3(a)\sigma_3(b)$ FOR $(a, b) = (1, 48), (3, 16), (1, 54), (2, 27)$**
Alaca S., Kesicioglu Y.
FUNCTIONES ET APPROXIMATIO COMMENTARII MATHEMATICI, vol.61, no.1, pp.27-45, 2019 (ESCI)
3. **REPRESENTATIONS BY CERTAIN OCTONARY QUADRATIC FORMS WITH COEFFICIENTS 1, 2, 3, AND 6**
ALACA S., KESİCİOĞLU Y.
INTEGER, vol.15, pp.1-9, 2015 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

1. **Solutions of Congruence Equations via An Imprimitive Action of Some Modular Subgroups**
Öztürk S., Kesicioğlu Y., Şengül H.
2nd INTERNATIONAL E-CONFERENCE ON MATHEMATICAL AND STATISTICAL SCIENCES: A SELCUK MEETING, Konya, Turkey, 5 - 07 June 2023, pp.181

2. **Representations by octonary quadratic forms with coefficients 1, 2, 3 or 4**
Kesicioğlu Y.
International Dumlupınar Science and Mathematics Congress 2022, Kütahya, Turkey, 5 - 07 September 2022, pp.1-2
3. **Connectedness Of A Graph Obtained From A Special Modular Subgroup**
Kesicioğlu Y.
International Dumlupınar Science and Mathematics Congress 2022, Kütahya, Turkey, 5 - 07 September 2022, pp.1-2
4. **Modüler Grubun Bir Kongrüans Alt Grubunun Grafları**
Kesicioğlu Y.
Prof. Dr. Cemil YAPAR Anısına Ulusal Matematik ve İstatistik Sempozyumu, Ordu, Turkey, 10 - 11 December 2021, pp.48
5. **Özel Hecke Grupları İçin Alt Yörüngesel Graflar**
Şanlı Z., Kesicioğlu Y., Beşenk M., Kör T.
10. Ankara Matematik Günleri, Ankara, Turkey, 11 - 12 June 2015, pp.1-2
6. **Evaluation of the convolution sums $\Sigma(l+27m=n)$ $\Sigma(l)\Sigma(m)$ and $\Sigma(l+32m=n)$ $\Sigma(l)\Sigma(m)$**
Alaca Ş., Kesicioğlu Y.
Number Theory Conference, Quebec, Canada, 27 - 28 September 2014, pp.5
7. **On Suborbital Graphs for A Special Congruence Subgroup**
Kesicioğlu Y., Akbaş M.
The Twelfth International Conference on Fuzzy Set Theory and Applications, Bratislava, Slovakia, 26 - 31 January 2014, pp.67
8. **Connectedness of a suborbital graph for congruence subgroups**
Kesicioğlu Y., Akbaş M., Beşenk M.
International Congress in Honour of Professor H. M. Srivastava, Bursa, Turkey, 23 - 26 August 2012, pp.37
9. **Circuit lengths of graphs for the Picard group**
Beşenk M., Güler B. Ö., Değer A. H., Kesicioğlu Y.
International Congress in Honour of Professor H. M. Srivastava, Bursa, Turkey, 23 - 26 August 2012, pp.39
10. **Disconnectedness of the subgraph F^3 for the group $\Gamma(3)$**
Akbaş M., Köroğlu T., Kesicioğlu Y.
International Congress in Honour of Professor H. M. Srivastava, Bursa, Turkey, 23 - 26 August 2012, pp.91
11. **Alt Yörüngesel Graflarda Mertebe ve Devre Karşılaştırılması**
Beşenk M., Kesicioğlu Y.
XXII. Ulusal Matematik Sempozyumu, İzmir, Turkey, 31 August - 03 September 2009, pp.30-31
12. **Modüler Grubun Alt Yörüngesel Graflarında Bağlantılılık**
Kesicioğlu Y.
XXII. Ulusal Matematik Sempozyumu, İzmir, Turkey, 31 August - 03 September 2009, pp.53-54
13. **Reel Sonlu Faktörler için İndeks Kavramı**
Rakhimov A., Köroğlu T., Kesicioğlu Y.
XX. Ulusal Matematik Sempozyumu, Erzurum, Turkey, 3 - 06 September 2007, pp.9
14. **Reel W^* -Cebirleri İçin Von Neumann Eş Sabiti**
KESİCİOĞLU M. N., Kör T., Kesicioğlu Y.
XIX. Ulusal Matematik Sempozyumu, Kütahya, Turkey, 22 - 25 August 2006, pp.458-472
15. **Reel C^* Cebirlerinde $Lie * \text{İzomorfizmlerin Genişletilmesi}$**
Rakhimov A., Kesicioğlu Y.
XVIII. Ulusal Matematik Sempozyumu, İstanbul, Turkey, 5 - 08 September 2005, pp.85-90
16. **Sonlu Boyutlu Reel W^* -Faktörlerin Skew-Simetrik Operatörleri**
Rakhimov A., Kesicioğlu Y.
XVII. Ulusal Matematik Sempozyumu, Bolu, Turkey, 23 - 26 August 2004, pp.1

Academic and Administrative Experience

2018 - Continues	Vice Dean	Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi
2019 - 2022	Fakülte Kurulu Üyesi	Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi
2018 - 2022	Rektörlük Akademik Teşvik Değerlendirme Komisyonu Üyesi	Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü
2013 - 2016	Enstitü Yönetim Kurulu Üyesi	Recep Tayyip Erdogan University, Fen Bilimleri Enstitüsü
2011 - 2016	Head of Department	Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü
2011 - 2013	Erasmus Program Department Coordinator	Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü

Courses

İleri Cebirsel Sayılar, Doctorate, 2022 - 2023, 2020 - 2021
Cebirsel Sayılar, Postgraduate, 2022 - 2023
Analiz II, Undergraduate, 2022 - 2023, 2020 - 2021
Analiz IV, Undergraduate, 2021 - 2022
Analiz I, Undergraduate, 2022 - 2023, 2020 - 2021
İleri Analiz, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
Cebirsel Sayı Cisimlerine Giriş, Doctorate, 2022 - 2023
Möbius Dönüşümleri, Doctorate, 2021 - 2022
Analiz III, Undergraduate, 2021 - 2022
Cebirsel Sayı Cisimleri, Postgraduate, 2020 - 2021
Kompleks Fonksiyonlar Teorisi-II, Undergraduate, 2019 - 2020
Kompleks Fonksiyonlar Teorisi I, Undergraduate, 2019 - 2020

Advising Theses

Kesicioğlu Y., Kuadratik formlarla tamsayıların gösterimi, Postgraduate, Ş.TOPÇU(Student), 2020
Kesicioğlu Y., Modüler grubun bir kongrüans alt grubunun grafları, Postgraduate, B.Kopuz(Student), 2019
Kesicioğlu Y., $\Gamma^{\wedge}$ modüler alt grubunun alt yörüngesel grafları, Postgraduate, O.ŞAHİN(Student), 2017

Metrics

Publication: 27
Citation (WoS): 35
Citation (Scopus): 39
H-Index (WoS): 3
H-Index (Scopus): 5

Research Areas

Mathematics, Combinatorics, Natural Sciences